

Chad: Statistical Appendix

This Statistical Appendix for **Chad** was prepared by a staff team of the International Monetary Fund as background documentation for the periodic consultation with the member country. It is based on the information available at the time it was completed on **March 3, 2004**. The views expressed in this document are those of the staff team and do not necessarily reflect the views of the government of **Chad** or the Executive Board of the IMF.

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CHAD

Statistical Appendix

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Approved by the African Department

March 3, 2004

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Chad: Basic Data

	1995	1996	1997	1998	1999	2000	2001	2002
	(In billions of CFA francs)							
Gross domestic product								
At current prices	719.3	819.0	906.6	1,027.6	942.8	990.7	1,221.1	1,391.8
At constant prices (1995=100)	717.4	734.1	782.9	829.5	824.8	819.3	896.9	982.7
Government finance								
Total revenue and grants	98.5	110.2	124.7	127.1	121.8	135.4	160.5	205.9
Of which: grants	53.7	50.6	56.4	50.9	44.1	55.2	68.8	95.9
Expenditure and net lending	130.3	144.7	158.9	152.0	178.8	203.2	220.3	278.2
Current	64.7	70.1	73.5	73.7	87.9	99.9	109.8	137.9
Capital and net lending	65.6	74.6	85.4	78.4	90.9	103.3	110.5	140.3
Overall balance (commitment basis, including grants)	-31.8	-34.6	-34.2	-24.9	-57.0	-67.8	-59.9	-72.4
Money and credit (end of period)								
Net foreign assets	...	62.5	56.0	42.7	37.4	35.9	27.8	81.3
Medium- and long-term foreign liabilities	...	0.0	-0.1	0.0	-2.0	-2.3	-1.9	-2.4
Net domestic assets	...	75.2	59.0	62.8	68.9	89.7	125.6	109.3
Credit to the public sector (net)	...	45.0	41.1	36.2	48.2	61.9	77.4	72.4
Credit to the economy	...	47.6	50.2	54.3	59.1	65.9	79.8	79.1
Other items (net)	...	-17.4	-32.3	-27.7	-38.4	-38.0	-31.5	-42.3
Broad money	...	129.5	115.0	105.5	104.3	123.3	151.5	188.2
	(In millions, midyear)							
Population	6.6	6.8	6.9	7.1	7.3	7.5	7.7	7.9
	(In billions of CFA francs)							
Balance of payments								
Exports, f.o.b.	121.3	121.9	141.6	151.5	115.7	130.2	138.3	119.4
Imports, f.o.b.	-138.0	-124.4	-143.8	-160.0	-164.5	-196.5	-379.6	-565.4
Trade balance (including oil sector)	-16.7	-2.5	-2.2	-8.5	-48.8	-66.4	-241.3	-446.0
Services (net, including oil sector)	-68.7	-92.2	-104.7	-124.2	-119.3	-134.5	-204.4	-284.5
Factor income (net)	-9.3	-5.2	-9.6	-8.9	-8.4	-13.9	-17.7	-21.2
Private transfers (net)	0.9	2.0	2.3	14.0	5.5	4.6	5.5	4.5
Current account balance 1/	-93.8	-98.0	-114.3	-127.5	-171.0	-210.1	-457.9	-747.2
Official transfers	38.8	29.4	34.5	29.3	21.3	31.4	28.5	25.2
Current account balance 2/	-55.0	-68.6	-79.8	-98.2	-149.6	-178.7	-429.4	-722.1
Medium- and long-term capital (net)	71.1	76.7	95.7	68.9	97.1	149.7	420.8	766.4
Short-term capital (net), and errors and omissions	4.6	-6.0	-25.9	16.8	36.2	30.2	-0.3	-4.3
Overall balance	20.7	2.1	-10.0	-12.5	-16.4	1.2	-8.8	40.0
External public debt								
Stock of debt (in billions of CFA francs) 3/	414.5	446.6	542.2	558.4	619.8	731.8	721.6	732.4
Debt service 4/	6.5	11.4	22.5	20.1	23.5	42.5	28.0	21.9
	(CFA francs per U.S. dollar)							
Exchange rate (annual average)	499	512	584	590	615	713	732	696

Sources: Chadian authorities, and staff estimates.

1/ Excludes official transfers.

2/ Includes official transfers.

3/ After stock-of-debt operation.

4/ In percent of exports of goods and nonfactor services.

Chad: Basic Data (concluded)

	Level	(year)
Social and demographic indicators		
Population (midyear; in millions)	8.1	2002
Population growth (annual percentage change)	2.8	2002
GNP per capita (U.S. dollars)	251	2002
Life expectancy at birth (years)	48	2002
Infant mortality rate (per thousand)	117	2001
Under five years infant mortality rate (per thousand)	200	2001
Population per physician (2000)	4,471	2001
Adult illiteracy rate (in percent)		
Male	45	2002
Female	62	2002
Gross primary enrollment	73	2000
Male	90	2000
Female	57	2000

Sources: Chadian authorities; World Bank, *World Development Indicators*, 2003; and Fund estimates.

Table 1. Chad: Gross Domestic Product by Sector of Origin, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(At current prices)								
(In billions of CFA francs)								
Primary sector	252.2	308.8	346.8	401.3	359.4	401.3	505.0	524.5
Agriculture	128.1	171.0	202.1	250.4	189.7	192.7	246.8	245.5
Livestock	99.0	114.5	118.7	120.8	138.3	176.1	222.7	231.4
Fishing and mining	25.1	23.3	26.0	30.1	31.4	32.5	35.5	47.7
Secondary sector	104.5	102.3	124.0	132.6	115.6	108.3	148.3	203.3
Manufacturing and handicrafts	79.3	83.3	104.1	111.0	92.4	85.0	100.7	119.5
Water and electricity	5.2	5.4	5.5	5.7	6.3	6.0	6.6	7.6
Construction and public works	11.6	12.7	12.7	14.2	15.3	14.9	16.3	20.0
Oil sector	0.0	1.0	1.8	1.7	1.6	2.1	24.3	51.9
Other	8.4	0.0	0.0	0.0	0.0	0.3	0.4	4.3
Tertiary sector	346.9	377.2	399.7	448.1	427.9	443.6	522.5	613.3
Commerce and transport	186.5	201.6	217.0	255.5	228.4	232.5	279.3	342.0
Public administration	82.8	98.5	95.0	98.4	111.1	118.3	134.3	149.9
Services	86.0	77.1	87.7	94.1	88.4	93.1	109.3	125.7
Sum of value added	703.6	788.3	870.5	982.0	902.9	953.2	1,175.7	1,341.1
Duties and taxes on imports	15.7	30.7	36.1	45.7	39.9	37.5	45.4	50.7
GDP at market prices	719.3	819.0	906.6	1,027.6	942.8	990.7	1,221.1	1,391.8
(In percent of total)								
Primary sector	35.1	37.7	38.3	39.1	38.1	40.5	41.4	37.7
Agriculture	17.8	20.9	22.3	24.4	20.1	19.5	20.2	17.6
Livestock	13.8	14.0	13.1	11.8	14.7	17.8	18.2	16.6
Fishing and mining	3.5	2.8	2.9	2.9	3.3	3.3	2.9	3.4
Secondary sector	14.5	12.5	13.7	12.9	12.3	10.9	12.1	14.6
Manufacturing and handicrafts	11.0	10.2	11.5	10.8	9.8	8.6	8.2	8.6
Water and electricity	0.7	0.7	0.6	0.6	0.7	0.6	0.5	0.5
Construction and public works	1.6	1.6	1.4	1.4	1.6	1.5	1.3	1.4
Tertiary sector	48.2	46.1	44.1	43.6	45.4	44.8	42.8	44.1
Commerce and transport	25.9	24.6	23.9	24.9	24.2	23.5	22.9	24.6
Public administration	11.5	12.0	10.5	9.6	11.8	11.9	11.0	10.8
Services	12.0	9.4	9.7	9.2	9.4	9.4	8.9	9.0
Sum of value added	97.8	96.3	96.0	95.6	95.8	96.2	96.3	96.4
Duties and taxes on imports	2.2	3.7	4.0	4.4	4.2	3.8	3.7	3.6

Sources: Chadian authorities; and staff estimates.

Table 2. Chad: Gross Domestic Product by Sector of Origin, 1995-2002

(At constant 1995 prices)

	1995	1996	1997	1998	1999	2000	2001	2002
(In billions of CFA francs)								
Primary sector	252.2	262.5	286.4	311.8	301.4	293.8	323.8	322.8
Agriculture	128.1	133.3	150.3	171.1	156.7	144.6	170.1	164.8
Livestock	99.0	105.6	112.0	116.2	119.3	122.6	125.9	129.4
Fishing and mining	25.1	23.6	24.1	24.5	25.4	26.6	27.8	28.6
Secondary sector	102.6	96.9	108.1	118.5	111.7	109.9	123.7	163.7
Manufacturing and handicrafts	84.5	78.8	89.6	99.9	91.1	89.5	85.3	98.4
Water and electricity	6.5	5.4	5.3	5.4	6.0	5.7	6.2	7.1
Construction and public works	11.6	11.9	11.6	11.8	13.3	12.9	13.3	16.2
Oil sector	0.0	0.9	1.6	1.4	1.3	1.8	18.9	42.1
Tertiary sector	346.9	347.0	357.5	362.8	379.3	386.5	415.3	457.1
Commerce and transport	186.5	187.9	198.1	206.6	207.5	208.8	226.7	250.4
Public administration	82.8	88.4	81.9	76.0	91.4	94.7	97.4	107.5
Services	77.6	70.7	77.5	80.2	80.4	83.0	91.2	99.2
Sum of value added	701.7	706.5	752.0	793.1	792.4	790.2	862.8	943.6
Duties and taxes on imports	15.7	27.6	30.9	36.4	32.4	29.1	34.1	39.1
GDP at market prices	717.4	734.1	782.9	829.5	824.8	819.3	896.9	982.7
(Annual changes in percent)								
Primary sector	-1.9	4.1	9.1	8.9	-3.3	-2.5	10.2	-0.3
Agriculture	-2.8	4.1	12.7	13.8	-8.4	-7.7	17.6	-3.1
Livestock	-1.3	6.7	6.1	3.8	2.7	2.8	2.7	2.7
Fishing and mining	0.3	-5.9	2.1	1.7	3.7	4.7	4.5	3.0
Secondary sector	18.1	-5.5	11.5	9.7	-5.7	-1.6	12.6	32.3
Manufacturing and handicrafts	24.9	-6.8	13.7	11.5	-8.8	-1.8	-4.7	15.3
Water and electricity	5.1	-16.9	-2.0	2.6	11.1	-5.0	8.8	14.2
Construction and public works	-10.8	2.4	-2.3	1.7	12.7	-3.0	3.1	21.9
Oil sector	...	...	77.8	-12.5	-7.1	38.5	950.0	122.6
Tertiary sector	-2.5	0.0	3.0	1.5	4.5	1.9	7.5	10.1
Commerce and transport	3.9	0.7	5.4	4.3	0.4	0.6	8.6	10.4
Public administration	-15.5	6.8	-7.4	-7.2	20.3	3.6	2.9	10.4
Services	-1.0	-8.9	9.6	3.5	0.2	3.2	9.9	8.8
Sum of value added	0.3	0.7	6.4	5.5	-0.1	-0.3	9.2	9.4
Duties and taxes on imports	25.6	75.8	12.0	17.8	-11.0	-10.2	17.2	14.7
GDP at market prices	0.7	2.3	6.6	6.0	-0.6	-0.7	9.5	9.6

Sources: Chadian authorities; and staff estimates.

Table 3. Chad: Supply and Use of Resources at Current Prices, 1995-2002

(In billions of CFA francs)

	1995	1996	1997	1998	1999	2000	2001	2002
Supply of resources	963	1,058	1,184	1,348	1,259	1,361	1,853	2,293
Gross domestic product	719	819	907	1,028	943	991	1,221	1,392
Non-oil sector	719	818	905	1,026	941	988	1,196	1,336
Imports of goods and services	244	239	277	320	317	370	632	901
Non-oil sector	236	230	262	300	294	318	349	344
Goods	138	124	144	160	147	161	193	204
Services	98	106	118	140	147	157	156	141
Oil sector	8	9	16	20	23	52	283	557
Use of resources	963	1,058	1,184	1,348	1,259	1,361	1,853	2,293
Gross domestic expenditure	805	914	1,014	1,160	1,111	1,192	1,667	2,122
Consumption	710	747	838	986	982	971	1,141	1,303
Central government	52	65	59	57	65	78	94	107
Private Sector	657	682	779	929	916	893	1,048	1,195
Gross capital formation	95	167	176	174	129	221	525	820
Gross fixed capital formation	104	123	147	146	160	198	457	815
Central government	66	75	85	78	91	103	111	140
Private sector	38	48	62	67	69	94	347	674
Non-oil sector	30	-2	16	16	9	40	59	66
Oil sector	8	50	46	51	61	54	288	608
Changes in inventories	-8	43	28	29	-31	23	68	5
Exports of goods and services	158	144	171	188	149	169	186	171
Goods	121	122	142	152	116	130	138	119
Services	37	22	29	36	33	39	48	51
Oil sector	0	0	0	0	0	0	0	0
Memorandum items:								
Gross domestic savings	10	72	69	42	-39	20	80	89
Resource gap	-85	-95	-107	-133	-168	-201	-446	-731
Private transfers	1	2	2	14	6	5	5	5
Budgetary grants (current)	18	14	14	13	1	7	16	10
Other public transfers (current)	20	15	20	16	20	24	13	15
Factor income (net)	-9	-5	-10	-9	-8	-14	-18	-21
Gross national savings	40	98	96	76	-20	42	96	98

Sources: Chadian authorities; and staff estimates.

Table 4. Chad: Supply and Use of Resources at Current Prices, 1995-2002

(In percent of GDP)

	1995	1996	1997	1998	1999	2000	2001	2002
Supply of resources	133.9	129.2	130.6	131.2	133.6	137.4	151.7	164.7
Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Imports of goods and services	33.9	29.2	30.6	31.2	33.6	37.4	51.7	64.7
Goods	19.2	15.2	15.8	15.6	15.6	16.3	15.8	14.6
Services	13.6	12.9	13.0	13.6	15.6	15.9	12.8	10.1
Use of resources	133.9	129.2	130.6	131.2	133.6	137.4	151.7	164.7
Gross domestic expenditure	111.9	111.6	111.8	112.9	117.8	120.3	136.5	152.5
Consumption	98.7	91.2	92.4	95.9	104.1	98.0	93.5	93.6
Central government	7.3	7.9	6.5	5.5	6.9	7.8	7.7	7.7
Private sector	91.4	83.3	85.9	90.4	97.2	90.2	85.8	85.9
Gross capital formation	13.2	20.3	19.4	17.0	13.7	22.3	43.0	58.9
Gross fixed capital formation	14.4	15.0	16.2	14.2	17.0	20.0	37.5	58.5
Central government	9.1	9.1	9.4	7.6	9.6	10.4	9.0	10.1
Private sector	5.3	5.9	6.8	6.5	7.4	9.5	28.4	48.5
Changes in inventories	-1.2	5.3	3.1	2.8	-3.3	2.3	5.6	0.4
Exports of goods and services	22.0	17.6	18.8	18.2	15.8	17.1	15.2	12.3
Goods	16.9	14.9	15.6	14.7	12.3	13.1	11.3	8.6
Services	5.1	2.7	3.2	3.5	3.5	3.9	3.9	3.7
Memorandum items:								
Gross domestic savings	1.3	8.8	7.6	4.1	-4.1	2.0	6.5	6.4
Resource gap	-11.9	-11.6	-11.8	-12.9	-17.8	-20.3	-36.5	-52.5
Private transfers	0.1	0.2	0.2	1.4	0.6	0.5	0.4	0.3
Budgetary grants (current)	2.6	1.7	1.6	1.2	0.1	0.7	1.3	0.8
Other public transfers (current)	2.8	1.9	2.2	1.6	2.1	2.4	1.1	1.1
Factor income	-1.3	-0.6	-1.1	-0.9	-0.9	-1.4	-1.4	-1.5
Gross national savings	5.6	12.0	10.6	7.4	-2.2	4.2	7.9	7.0

Sources: Chadian authorities; and staff estimates.

Table 5. Chad: Consumer Price Index, 1994-2002

(January 1994 = 100)

	Local Products	Imported Products	Overall
Weights (in percent)	(77.0)	(23.0)	(100.0)
1994	129.5	136.5	131.1
1995	137.9	159.6	142.9
1996	154.9	176.9	159.9
1997	166.1	180.1	169.3
1998	190.7	198.1	192.4
1999	174.4	180.8	175.9
2000	181.3	191.7	183.7
2001	207.1	204.9	206.6
2002	222.0	199.9	216.9
2001			
January	196.9	193.4	196.1
February	200.3	193.8	198.8
March	206.8	204.0	206.2
April	205.4	205.5	205.4
May	211.4	203.3	209.5
June	219.9	207.3	217.0
July	218.8	207.5	216.2
August	218.2	221.3	218.9
September	206.3	216.1	208.6
October	203.6	199.1	202.6
November	197.4	206.3	199.4
December	200.5	201.3	200.7
2002			
January	198.2	208.9	200.7
February	196.1	194.9	195.8
March	200.8	196.8	199.9
April	215.0	195.4	210.5
May	223.6	198.3	217.8
June	224.5	197.9	218.4
July	231.9	202.7	225.2
August	238.6	203.0	230.4
September	236.6	197.4	227.6
October	229.4	199.9	222.6
November	236.2	202.2	228.4
December	233.3	201.4	226.0

Sources: Chadian authorities; and staff estimates.

Table 6. Chad: Production of Main Food Crops, 1994/95-2002/03 1/

(In thousands of metric tons)

	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03
Sudanian zone	970	846	884	918	1,102	903	889	1,149	1,086
Cereals	566	485	521	528	622	556	458	545	514
Millet	120	86	110	79	88	93	81	110	109
Sorghum and berber	306	291	279	322	381	289	275	298	239
Rice and maize	140	108	132	128	153	174	102	137	166
Oils	185	210	210	230	285	162	262	264	221
Groundnut	163	206	203	212	263	144	240	229	203
Sesame	22	4	7	18	22	18	22	35	18
Vegetables	219	152	152	160	196	185	169	340	352
Fonio, niebe, and <i>pois de terre</i>	38	32	33	33	60	38	61	64	57
Cassava	181	119	119	127	136	147	108	276	295
Sahelian zone	667	637	576	782	1,223	1,105	770	1,094	933
Cereals	609	388	357	458	729	670	471	775	714
Millet	200	142	148	170	270	268	178	288	249
Sorghum and berber	297	210	165	199	307	341	236	404	408
Rice and maize	109	33	40	84	148	59	55	80	53
Wheat	3	3	4	5	5	3	3	4	4
Oils	47	93	62	148	255	235	130	228	184
Groundnut	44	87	57	140	248	228	119	219	177
Sesame	4	6	6	8	7	7	11	9	7
Vegetables	11	157	157	176	239	200	169	91	35
Fonio, niebe, and <i>pois de terre</i>	6	8	8	18	70	17	35	63	6
Cassava	4	148	148	158	169	183	134	28	29
Total cereals	1,175	872	878	986	1,351	1,226	929	1,321	1,228
Total oils	233	303	273	378	540	397	392	492	405
Total vegetables	229	308	309	337	434	385	338	431	387
Total agricultural production	1,637	1,484	1,460	1,700	2,325	2,008	1,659	2,243	2,019

Sources: Chadian authorities; and staff estimates.

1/ Crop year starting in November.

Table 7. Chad: Livestock Population, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In thousands of head)								
Size of herd								
Cattle	4,746	5,326	5,454	5,585	5,719	5,856	5,997	6,140
Sheep and goats	6,025	6,613	6,754	6,980	7,191	7,367	7,569	7,776
Horses	224	188	192	195	199	203	206	210
Camels	613	626	642	659	676	694	712	731
Donkeys	258	340	345	350	356	361	367	372
Pigs	18	60	63	65	68	71	74	78
Total	11,884	13,153	13,450	13,834	14,209	14,552	14,925	15,307
(Annual percentage changes)								
Cattle	2.0	12.2	2.4	2.4	2.4	2.4	2.4	2.4
Sheep and goats	3.0	9.8	2.1	3.3	3.0	2.4	2.7	2.7
Horses	4.7	-16.1	2.1	1.6	2.1	2.0	1.5	1.9
Camels	3.0	2.1	2.6	2.6	2.6	2.7	2.6	2.7
Donkeys	2.0	31.8	1.5	1.4	1.7	1.4	1.7	1.4
Pigs	5.9	233.3	5.0	3.2	4.6	4.4	4.2	5.4
Total	2.6	10.7	2.3	2.9	2.7	2.4	2.6	2.6

Sources: Chadian authorities; and staff estimates.

Table 8. Chad: Summary Table of Cotton Indicators, 1994/95-2001/02 1/

	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02
Prices (in CFA francs per kilogram)								
Producer price for seed cotton	120.1	120.0	139.0	170.0	191.0	150.0	183.0	165.0
Export price for fiber, f.o.b.	948.0	898.0	862.0	902.0	767.6	721.2	845.4	668.1
Producer price equivalent of fiber/export price, f.o.b. (in percent)	...	39.4	52.2	51.9	54.2	51.0	53.0	...
Production (in thousands of tons)								
Seed cotton	157.0	157.0	212.4	259.6	161.4	184.0	143.0	164.5
Cotton fiber	61.4	58.6	85.8	103.2	65.4	74.6	58.1	67.2
Cottonseed 2/	...	88.2	120.4	135.4	91.5	102.9	71.4	92.3
Ginning coefficient (in percent)	39.1	37.3	40.4	39.8	40.5	40.6	40.6	41.2
Yield (kilograms per hectare)	770.0	750.0	810.0	780.0	541.0	593.0	594.0	...
Exports (in thousands of tons)								
Cotton fiber	53.0	58.0	78.0	63.2	77.6	60.1	50.8	56.9

Sources: Chadian authorities; and staff estimates

1/ Marketing year starting in November.

2/ Cottonseed is sold locally to the Oil and Soap Division of Cotontchad, the national cotton company.

Table 9. Chad: Cotton Production, Cost, and Revenue, 1997/98-2001/02 1/

(In units indicated)

	1997/98	1998/99	1999/00	2000/01	2001/02
Production of seedcotton (1) 2/	259.6	161.4	184.0	143.0	164.5
Production of fiber (2) 2/	103.2	65.4	74.6	58.1	67.2
Fiber yield (3)=(2)/(1)	0.40	0.41	0.41	0.41	0.41
Export volume of cotton fiber 2/	78.0	63.2	77.6	60.1	50.8
Producer price (4) 3/	191.5	168.8	149.4	181.9	165.0
Fiber equivalent of producer price (5)=(4)/(3) 3/	481.7	416.6	368.7	447.9	404.0
Other unit production costs(6) 3/	429.3	431.0	407.8	471.5	451.1
Marketing cost	45.3	55.5	47.6	65.8	50.2
Ginning and storage cost	60.4	54.1	56.0	57.5	85.3
Insurance, freight, and other export costs	81.8	75.4	71.3	74.8	74.8
Financial cost	20.2	31.0	23.8	19.1	43.0
Other costs 4/	221.6	215.0	209.2	254.3	197.8
Total unit cost of cotton fiber (7)=(5)+(6) 3/	911.0	847.6	776.6	919.3	855.0
Average sale price of cotton fiber 3/ 5/					
f.o.b.	902.0	767.6	721.2	845.4	668.1
c.i.f.	953.0	822.9	741.1	893.4	710.5
Total revenue (in billions of CFA francs)	88.6	49.3	54.0	52.1	49.7
Cotton fiber	...	40.1	38.0	50.8	45.2
Cottonseed	...	...	...	...	1.8
Other	...	9.1	15.9	1.3	4.5
Total cost off cotton fiber (in billions of CFA francs)	88.7	55.5	57.9	53.4	55.4
Gross profit (in billions of CFA francs)	-0.1	-6.2	-3.9	-1.3	-5.7
Memorandum items:					
Fixed costs 3/	...	155.2	143.7	169.9	158.0
Variable costs 3/	...	692.3	632.9	749.4	697.0
World cotton price (WEO) 3/	924.3	737.8	825.1	879.9	669.5
Equilibrium purchasing price for producers 3/ 6/	191.1	130.4	128.2	172.8	130.3

Sources: Chadian authorities; and staff estimates.

1/ Marketing year starting in November.

2/ Thousands of metric tons.

3/ CFA francs per kilogram.

4/ Including fixed costs, international transport cost, and other costs.

5/ Excluding price paid to producers for seed cotton, but including the other purchase costs of seed cotton.

6/ Producer price that equilibrates revenues and costs.

Table 10. Chad: Cost Structure of Cotton Processing and Marketing, 1994/95-2001/02 1/

(In CFA francs per kilogram)

	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02
Producer price for raw cotton 2/	120	140	170	191	170	150	183	165
Producer price in equivalent of ginned cotton 3/	307	354	420	481	472	416	514	460
Ginning 4/	47	50	52	60	56	58	59	85
Financial charges	33	19	17	20	31	24	19	43
Transportation	101	113	114	113	98	101	105	102
Freight and insurance	67	53	51	50	75	71	75	67
Other	109	145	93	97	115	107	148	97
Total average export cost (c.i.f. Douala)	664	784	828	911	848	777	919	855

Sources: Chadian authorities; and staff estimates.

1/ Marketing year starting in November.

2/ Weighted-average producer prices for white and yellow cotton.

3/ Fiber equivalent of raw (unginned) cotton prices and costs.

4/ Includes provisions for depreciation.

Table 11. Chad: Industrial Production, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
Beer (in thousands of hectoliters)	98.7	117.1	123.0	99.2	79.0	78.0	98.3	124.2
Edible oil (in millions of liters)	13.0	14.4	16.3	11.7	11.3	10.4	7.9	9.0
Cigarettes (in millions of packs)	28.5	35.7	39.0	36.5	38.3	29.5	29.6	36.0
Sugar (in thousands of metric tons)	28.6	30.0	29.0	30.0	27.3	29.8	24.7	23.1

Sources: Chadian authorities; and staff estimates.

Table 12. Chad: Distribution and Consumption of Water and Electricity, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
	(In thousands of kilowatt-hours)							
Electricity								
Supply	75,800	78,600	76,100	78,600	89,300	82,300	90,870	106,606
Consumption	65,180	68,634	60,467	56,489	...	81,800	...	...
Difference 1/	10,620	9,966	15,633	22,111	...	500	...	...
	(In thousands of cubic meters)							
Water								
Supply	10,562	11,300	12,000	11,801	12,300	12,786	14,500	13,900
Consumption	6,247	7,011	7,446	8,479	...	...	...	...
Difference 1/	4,315	4,289	4,554	3,322	...	...	...	...

Sources: Chadian authorities; and staff estimates.

1/ Includes internal consumption of the water and electricity company (STEE), effect of deficient measuring procedures, and distribution losses.

Table 13. Chad: Consolidated Government Operations, 1995-2002

(in billions of CFA francs)

	1995	1996	1997	1998	1999	2000	2001	2002
Total revenue and grants	98.5	110.2	124.7	127.1	121.8	135.4	160.5	205.9
Total revenue	44.8	59.6	68.4	76.2	77.7	80.2	91.7	110.0
Tax revenue	39.7	53.0	61.3	69.8	68.0	68.3	78.6	98.4
Income tax	17.4	22.4	22.4	23.2	25.1	24.3	30.0	45.5
Tax on goods and services	6.6	11.1	17.0	14.4	15.8	18.8	19.7	19.5
Of which: petroleum taxes	2.0	2.9	3.4	3.5	4.1	6.0	4.1	4.4
Tax on international trade	12.2	18.6	20.7	27.4	23.0	21.8	27.2	31.9
Other taxes	3.5	1.0	1.3	4.7	4.1	3.4	1.6	1.5
Nontax revenue	5.1	6.5	7.1	6.5	9.7	11.9	13.1	11.6
Total grants	53.7	50.6	56.4	50.9	44.1	55.2	68.8	95.9
Current grants	14.5	16.2	6.6	12.8	1.3	7.2	15.5	10.5
HIPC Initiative assistance	0.0	0.0	0.0	0.0	0.0	0.0	5.0	11.0
Project grants	39.2	34.4	49.8	38.1	42.9	48.0	48.2	74.4
Total expenditure	130.3	144.7	158.9	152.0	178.8	203.2	220.3	278.2
Current expenditure	64.7	70.1	73.5	73.7	87.9	99.9	109.8	137.9
Primary current expenditure	56.9	64.4	61.3	65.7	79.1	88.0	100.7	126.0
Wages and salaries	30.1	30.8	30.8	31.5	34.0	40.0	44.3	48.9
Materials and supplies	11.9	17.1	14.6	16.1	18.5	20.8	22.6	24.5
Transfers	5.0	3.9	6.1	8.6	13.8	12.0	6.9	18.9
Defense	10.0	12.7	9.7	9.5	12.9	15.2	19.2	23.9
Famine	0.5	0.3	3.4	0.8	0.0	0.0	3.1	0.0
Elections	0.0	3.8	0.3	0.0	0.1	0.4	4.7	2.0
Peace accord	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
Other	0.0	0.3	0.0	0.0	0.0	1.3	0.0	5.2
Interest	7.3	1.3	8.5	8.4	8.7	10.3	9.1	12.0
Of which: external	6.3	0.0	7.0	7.1	7.6	8.9	8.6	10.6
Current balance (- deficit)	-19.8	-10.6	-5.1	2.6	-10.2	-19.7	-18.1	-27.9
Investment expenditure	65.6	74.6	85.4	78.4	90.9	103.3	110.5	140.3
Domestically financed	0.3	0.6	4.1	5.0	8.8	10.7	11.4	16.9
Foreign financed	65.3	74.0	81.4	73.3	82.1	92.6	99.1	123.5
Overall deficit (commitment basis)								
Excluding grants	-85.5	-85.2	-90.6	-75.8	-101.1	-123.0	-128.6	-168.2
Including grants	-31.8	-34.6	-34.2	-24.9	-57.0	-67.8	-59.9	-72.4
Change in payments arrears	6.4	-9.6	-11.8	-5.6	-4.9	-2.6	9.3	-6.7
External (interest)	-3.7	0.0	-0.7	-0.7	0.0	1.2	-0.9	0.4
Domestic	10.2	-9.6	-11.1	-4.9	-4.9	-3.7	10.2	-7.2
Errors and omissions	0.0	0.0	-0.1	1.3	1.0	1.7	-2.1	3.2
Overall deficit (cash basis, excluding grants)	-79.0	-94.8	-102.5	-80.1	-105.0	-123.8	-121.4	-171.8
Overall deficit (cash basis, including grants)	-25.4	-44.2	-46.1	-29.2	-60.9	-68.6	-52.7	-75.9
Financing	25.4	66.2	46.1	29.2	60.9	58.5	52.7	75.9
External (net)	32.2	54.6	49.7	26.6	51.2	32.8	44.7	73.8
Loans	26.1	54.6	54.5	35.3	64.7	44.6	50.8	89.9
Amortization due	-5.8	0.0	-7.2	-10.2	-14.7	-14.1	-15.2	-21.9
Change in external arrears (principal)	-10.3	0.0	-2.0	-4.1	0.0	2.3	-1.5	1.5
Debt relief/rescheduling obtained	22.2	0.0	4.5	5.7	1.2	0.0	10.6	4.3
Domestic (net)	-6.8	11.7	-3.6	2.5	9.7	25.7	8.0	2.1
Banking system	-6.1	11.1	-4.9	1.9	9.7	19.3	11.3	7.8
Nonbank sector	-0.9	0.2	-0.1	0.0	0.0	3.7	-3.3	-6.2
Sale of assets	0.2	0.3	1.3	0.6	0.0	2.8	0.0	0.5

Sources: Chadian authorities; and staff estimates.

Table 14. Chad: Indicators of Central Government Operations, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In percent of GDP)								
Total revenue and grants	13.7	13.5	13.8	12.4	12.9	13.7	13.1	14.8
Total revenue	6.2	7.3	7.5	7.4	8.2	8.1	7.5	7.9
Tax revenue	5.5	6.5	6.8	6.8	7.2	6.9	6.4	7.1
Income tax	2.4	2.7	2.5	2.3	2.7	2.5	2.5	3.3
Tax on goods and services	0.9	1.4	1.9	1.4	1.7	1.9	1.6	1.4
Of which: petroleum taxes	0.3	0.3	0.4	0.3	0.4	0.6	0.3	0.3
Tax on international trade	1.7	2.3	2.3	2.7	2.4	2.2	2.2	2.3
Other taxes	0.5	0.1	0.1	0.5	0.4	0.3	0.1	0.1
Nontax revenue	0.7	0.8	0.8	0.6	1.0	1.2	1.1	0.8
Total grants	7.5	6.2	6.2	5.0	4.7	5.6	5.6	6.9
Current grants	2.0	2.0	0.7	1.2	0.1	0.7	1.3	0.8
HIPC Initiative assistance	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
Project grants	5.4	4.2	5.5	3.7	4.5	4.8	4.0	5.3
Total expenditure	18.1	17.7	17.5	14.8	19.0	20.5	18.0	20.0
Current expenditure	9.0	8.6	8.1	7.2	9.3	10.1	9.0	9.9
Primary current expenditure	7.9	7.9	6.8	6.4	8.4	8.9	8.2	9.0
Wages and salaries	4.2	3.8	3.4	3.1	3.6	4.0	3.6	3.5
Materials and supplies	1.6	2.1	1.6	1.6	2.0	2.1	1.8	1.8
Transfers	0.7	0.5	0.7	0.8	1.5	1.2	0.6	1.4
Defense	1.4	1.5	1.1	0.9	1.4	1.5	1.6	1.7
Demobilization	0.1	0.0	0.4	0.1	0.0	0.0	0.3	0.0
Elections	0.0	0.5	0.0	0.0	0.0	0.0	0.4	0.1
Other	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4
Interest	1.0	0.2	0.9	0.8	0.9	1.0	0.7	0.9
Of which: external	0.9	0.0	0.8	0.7	0.8	0.9	0.7	0.8
Current balance (- deficit)	-2.8	-1.3	-0.6	0.3	-1.1	-2.0	-1.5	-2.0
Investment expenditure	9.1	9.1	9.4	7.6	9.6	10.4	9.0	10.1
Domestically financed	0.0	0.1	0.4	0.5	0.9	1.1	0.9	1.2
Foreign financed	9.1	9.0	9.0	7.1	8.7	9.3	8.1	8.9
Restructuring of banking system	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overall deficit (commitment basis)								
Excluding grants	-11.9	-10.4	-10.0	-7.4	-10.7	-12.4	-10.5	-12.1
Including grants	-4.4	-4.2	-3.8	-2.4	-6.0	-6.8	-4.9	-5.2
Change in payments arrears	0.9	-1.2	-1.3	-0.5	-0.5	-0.3	0.8	-0.5
External (interest)	-0.5	0.0	-0.1	-0.1	0.0	0.1	-0.1	0.0
Domestic	1.4	-1.2	-1.2	-0.5	-0.5	-0.4	0.8	-0.5
Errors and omissions	0.0	0.0	0.0	0.1	0.1	0.2	-0.2	0.2
Overall deficit (cash basis, excluding grants)	-11.0	-11.6	-11.3	-7.8	-11.1	-12.5	-9.9	-12.3
Overall deficit (cash basis, including grants)	-3.5	-5.4	-5.1	-2.8	-6.5	-6.9	-4.3	-5.5
Financing	3.5	8.1	5.1	2.8	6.5	5.9	4.3	5.5
External (net)	4.5	6.7	5.5	2.6	5.4	3.3	3.7	5.3
Loans	3.6	6.7	6.0	3.4	6.9	4.5	4.2	6.5
Amortization due	-0.8	0.0	-0.8	-1.0	-1.6	-1.4	-1.2	-1.6
Change in external arrears (principal)	-1.4	0.0	-0.2	-0.4	0.0	0.2	-0.1	0.1
Debt reclassification obtained	3.1	0.0	0.5	0.6	0.1	0.0	0.9	0.3
Domestic (net)	-1.0	1.4	-0.4	0.2	1.0	2.6	0.7	0.1
Banking system	-0.8	1.4	-0.5	0.2	1.0	1.9	0.9	0.6
Nonbank sector	-0.1	0.0	0.0	0.0	0.0	0.4	-0.3	-0.4
Sale of assets	0.0	0.0	0.1	0.1	0.0	0.3	0.0	0.0
Total revenue	40.3	32.8	14.8	11.5	1.9	3.3	14.3	20.0
Tax revenue	29.1	33.6	15.5	13.8	-2.6	0.5	15.0	25.3
Of which: income tax	89.9	28.6	-0.3	4.0	8.0	-3.1	23.4	51.6
tax on goods and services	-28.0	68.5	53.1	-15.2	9.7	19.1	4.7	-0.8
tax on international trade	96.3	52.5	11.6	32.3	-16.0	-5.3	25.0	17.1
Nontax revenue	319.5	26.8	8.6	-8.4	50.0	22.8	10.0	-11.9
Total grants	-13.4	-5.7	11.4	-9.7	-13.3	25.1	24.6	39.4
Total expenditure	4.5	11.1	9.8	-4.3	17.6	13.7	8.4	26.3
Current expenditure	-1.2	8.4	4.8	0.2	19.3	13.7	9.9	25.6
Primary current expenditure	1.7	13.1	-4.8	7.3	20.3	11.2	14.5	25.0
Wages and salaries	15.9	2.2	0.2	2.2	7.7	17.8	10.7	10.4
Materials and supplies	-6.4	44.0	-14.4	10.2	14.6	12.6	8.6	8.6
Transfers	-1.0	-22.2	58.4	40.6	60.4	-12.9	-42.8	174.5
Defense	-18.9	26.8	-23.5	-1.9	35.5	17.5	26.7	24.6
Interest	-4.9	-81.5	534.5	-1.3	2.9	19.5	-11.9	31.2
Investment expenditure	10.8	13.7	14.5	-8.3	16.0	13.6	7.0	27.0

Sources: Chadian authorities; and staff estimates.

Table 15. Chad: Government Revenue, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In billions of CFA francs)								
Total revenue	44.8	59.6	68.4	76.2	77.7	80.2	91.7	110.0
Tax revenue	39.7	53.0	61.3	69.8	68.0	68.3	78.6	98.4
Taxes on income and profits	16.6	21.5	21.6	22.6	23.8	22.7	28.2	43.0
Companies	8.4	11.9	9.7	10.7	12.4	11.3	12.5	19.0
Individuals	7.2	8.5	10.8	10.6	10.0	10.0	12.6	22.0
Employers' payroll tax	1.0	1.1	1.0	1.4	1.4	1.5	3.1	2.0
Property tax	0.8	0.9	0.8	0.7	1.3	1.6	1.8	2.6
Taxes on goods and services	6.6	11.1	17.0	14.4	15.8	18.8	19.7	19.5
Turnover tax	1.7	6.5	10.8	8.5	8.8	11.7	13.0	13.6
Tax on petroleum products	2.0	2.9	3.4	3.5	4.1	6.0	4.1	4.4
Single tax	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.8	1.4	2.8	2.3	3.0	1.1	2.6	1.6
Taxes on international trade	12.2	18.6	20.7	27.4	23.0	21.8	27.2	31.9
Import taxes	9.6	17.0	18.7	25.7	19.9	18.5	23.5	28.3
Export taxes	1.4	0.9	1.4	1.3	2.1	2.2	2.3	1.6
Other	1.1	0.6	0.7	0.5	1.1	1.1	1.5	2.0
Other tax revenues	3.5	1.0	1.3	4.7	4.1	3.4	1.6	1.5
Nontax revenue	5.1	6.5	7.1	6.5	9.7	11.9	13.1	11.6
Property income	1.2	0.4	1.3	1.3	0.9	1.9	2.4	1.6
Administrative fees	0.1	0.3	0.4	0.4	2.2	2.6	4.4	1.9
Nonindustrial sales	0.8	1.1	1.1	1.3	1.8	1.7	1.9	2.3
Other	3.0	4.7	4.3	3.5	4.9	5.8	4.5	5.8
(In percent of total revenue)								
Total revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tax revenue	88.5	89.1	89.7	91.5	87.5	85.1	85.7	89.5
Taxes on income and profits	37.1	36.1	31.6	29.6	30.7	28.3	30.8	39.1
Companies	18.7	20.0	14.2	14.0	16.0	14.1	13.6	17.3
Individuals	16.0	14.2	15.8	13.8	12.9	12.4	13.8	20.0
Employers' payroll tax	2.3	1.9	1.5	1.8	1.8	1.8	3.4	1.8
Property tax	1.8	1.5	1.1	0.9	1.6	2.0	2.0	2.3
Taxes on goods and services	14.7	18.6	24.8	18.9	20.3	23.4	21.5	17.8
Turnover tax	3.9	10.9	15.9	11.2	11.3	14.6	14.2	12.3
Tax on petroleum products	4.6	4.8	4.9	4.6	5.2	7.5	4.4	4.0
Single tax	4.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Other	1.8	2.3	4.1	3.0	3.8	1.4	2.8	1.5
Taxes on international trade	27.1	31.2	30.3	35.9	29.6	27.2	29.7	29.0
Import taxes	21.4	28.5	27.3	33.7	25.6	23.1	25.6	25.8
Export taxes	3.2	1.6	2.0	1.6	2.7	2.7	2.5	1.4
Other	2.5	1.1	1.0	0.6	1.4	1.3	1.7	1.8
Other tax revenues	7.9	1.7	1.8	6.2	5.2	4.2	1.7	1.3
Nontax revenue	11.5	10.9	10.3	8.5	12.5	14.9	14.3	10.5
Property income	2.8	0.7	1.8	1.7	1.1	2.4	2.6	1.5
Administrative fees	0.3	0.5	0.6	0.5	2.8	3.2	4.8	1.7
Nonindustrial sales	1.8	1.8	1.6	1.8	2.3	2.1	2.0	2.1
Other	6.6	7.9	6.3	4.6	6.3	7.2	4.9	5.3

Sources: Chadian authorities; and staff estimates.

Table 16. Chad: Economic Classification of Central Government Expenditure, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In billions of CFA francs)								
Total expenditure	130.3	144.7	158.9	152.0	178.8	203.2	220.3	278.2
Current expenditure	64.7	70.1	73.5	73.7	87.9	99.9	109.8	137.9
Primary current expenditure	56.9	64.4	61.3	65.7	79.1	88.0	100.7	126.0
Wages and salaries	30.1	30.8	30.8	31.5	34.0	38.5	44.3	48.9
Materials and supplies	11.9	17.1	14.6	16.1	18.5	20.8	22.6	24.5
Health	1.0	1.3	2.1	2.7	3.1	4.2	5.2	4.9
Education	0.9	1.2	2.0	2.5	3.0	4.0	4.6	5.7
Public works	0.7	0.3	0.4	0.5	0.6	0.8	1.0	1.2
Social affairs	0.0	0.0	0.3	0.4	0.5	0.6	0.7	1.0
Other	9.3	14.3	9.9	10.0	11.3	11.2	11.0	11.8
Transfers	5.0	3.9	6.1	5.2	6.6	11.3	6.9	18.9
International organizations	1.8	0.3	1.6	0.3	1.2	1.1	0.7	0.1
Scholarships	0.8	0.7	1.1	0.9	1.1	1.2	1.6	0.2
Pensions	0.7	0.4	1.0	1.4	1.5	1.5	...	...
Subsidies	1.5	2.0	2.3	2.5	2.7	7.1	3.5	6.9
Other	0.2	0.3	0.1	0.0	0.0	0.3	1.0	11.7
Defense	10.0	12.7	9.7	9.5	12.9	15.2	19.2	23.9
Salaries	7.1	10.7	8.4	8.3	11.2	10.2	12.4	13.2
Materials and supplies	2.9	1.9	1.3	1.2	1.7	5.0	6.8	10.7
Famine	0.5	0.3	3.4	0.8	0.0	0.0	3.1	0.0
Elections	0.0	3.8	0.3	0.0	0.1	0.4	4.7	2.0
Peace accord implementation	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.5
Other current expenditure	0.0	0.3	0.0	0.0	0.0	0.0	0.0	5.2
Interest	7.3	1.3	8.5	8.4	8.7	10.3	9.1	12.0
Domestic	1.0	1.3	1.5	1.3	1.1	1.4	0.6	1.3
External	6.3	0.0	7.0	7.1	7.6	8.9	8.6	10.6
Investment expenditure	65.6	74.6	85.4	78.4	90.9	103.3	110.5	140.3
Domestically financed	0.3	0.6	4.1	5.0	8.8	10.7	11.4	16.9
Foreign financed	65.3	74.0	81.4	73.3	82.1	92.6	99.1	123.5
Grants	39.2	34.4	49.8	38.1	42.9	48.0	48.2	74.4
Loans	26.1	39.6	31.6	35.3	39.2	44.6	50.8	49.0
(In percent of total)								
Total expenditure	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Current expenditure	49.6	48.5	46.2	48.5	49.2	49.2	49.8	49.6
Primary current expenditure	43.7	44.5	38.6	43.2	44.2	43.3	45.7	45.3
Wages and salaries	23.1	21.3	19.4	20.7	19.0	19.0	20.1	17.6
Materials and supplies	9.1	11.8	9.2	10.6	10.3	10.2	10.2	8.8
Transfers	3.8	2.7	3.8	3.4	3.7	5.5	3.1	6.8
Defense	7.7	8.8	6.1	6.3	7.2	7.5	8.7	8.6
Famine	0.4	0.2	2.1	0.5	0.0	0.0	1.4	0.0
Elections	0.0	2.6	0.2	0.0	0.1	0.2	2.1	0.7
Peace accord implementation	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9
Other current expenditure	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.9
Interest	5.6	0.9	5.4	5.5	4.8	5.1	4.1	4.3
Domestic	0.7	0.9	0.9	0.9	0.6	0.7	0.3	0.5
External	4.8	0.0	4.4	4.6	4.2	4.4	3.9	3.8
Investment expenditure	50.4	51.5	53.8	51.5	50.8	50.8	50.2	50.4
Domestically financed	0.2	0.4	2.6	3.3	4.9	5.3	5.2	6.1
Foreign financed	50.1	51.1	51.2	48.2	45.9	45.5	45.0	44.4
Grants	30.1	23.8	31.3	25.0	24.0	23.6	21.9	26.7
Loans	20.0	27.3	19.9	23.2	21.9	21.9	23.1	17.6

Sources: Chadian authorities; and staff estimates.

Table 17. Chad: Public Investment Program, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In billions of CFA francs)								
Agriculture, forestry, and livestock	15.2	13.6	22.9	20.3	24.1	24.9	35.4	30.2
Industry, energy and services	4.5	2.2	0.9	0.9	3.8	7.7	22.2	21.6
Infrastructure and transport	30.9	33.7	38.6	38.6	10.5	33.7	27.9	31.9
Health, education, social sectors	16.2	20.0	36.5	16.6	20.1	15.6	17.8	23.2
Multisectoral investment	7.3	6.0	7.6	4.9	9.1	13.4	23.9	20.5
Total	74.1	75.5	106.5	81.3	67.6	95.3	127.1	127.5
(In percent of total)								
Agriculture, forestry, and livestock	20.5	18.0	21.5	25.0	35.7	26.1	27.8	23.7
Industry, energy and services	6.1	2.9	0.8	1.1	5.6	8.1	17.4	17.0
Infrastructure and transport	41.7	44.6	36.2	47.5	15.5	35.3	22.0	25.0
Health, education, social sectors	21.9	26.5	34.3	20.4	29.7	16.4	14.0	18.2
Multisectoral investment	9.9	7.9	7.1	6.0	13.5	14.1	18.8	16.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Financing								
Grants	59.7	46.2	58.3	48.6	47.2	46.5	43.7	53.0
Loans	39.8	53.0	36.9	45.0	43.1	43.2	46.0	34.9
National budget	0.5	0.8	4.7	6.4	9.7	10.4	10.4	12.0

Sources: Chadian authorities; and staff estimates.

Table 18. Chad: Central Government Employment, 1995-2002
(In number of staff)

	1995	1996	1997	1998	1999	2000	2001	2002
Presidency	1,311	828	1,087	1,104	1,327	1,643	1,663	1,663
Services linked to the presidency	346	369	9	...	202	240	...	...
Office of the Prime Minister	...	...	302	287	98	126	146	146
National Advisory Council (CST)	106	125	...	...	...	...	...	...
Parliament	...	...	204	226	224	230	232	262
Planning and Cooperation	203	209	205	202	186	188	194	194
Information and Culture	412	300	370	355	377	371	384	384
Foreign Affairs	467	483	356	451	425	441	449	449
Finance and Computer Services	1,919	2,027	2,008	2,048	2,057	2,079	2,335	2,385
Civil Service	173	246	186	185	173	169	169	169
Justice	916	913	876	866	995	1,056	1,108	1,143
Interior	4,673	5,318	6,264	6,326	6,638	6,741	6,585	7,129
Education	9,032	8,925	8,910	9,084	9,572	10,161	10,625	11,085
Health	2,881	2,824	2,867	2,817	2,881	2,894	2,912	2,972
Women's Conditions and Social Affairs	526	512	523	518	499	583	514	544
Agriculture	2,299	1,295	1,172	1,140	1,137	1,311	1,259	1,259
Livestock	891	770	753	751	707	702	710	710
Tourism	1	0	6	33	36	34	34	34
Commerce and Industry	272	242	223	220	207	205	210	210
Mines and Energy	217	284	447	122	133	141	145	145
Public Works	359	387	340	344	362	366	347	347
Post and Telecommunications	73	44	43	45	33	39	34	34
Other 1/	0	1,240	1,446	1,764	90	91	2,143	2,473
Total civil servants	27,077	27,341	28,597	28,888	28,359	29,811	32,198	33,737
National Defense 2/	489	1,108	1,208	...	...	...	25,000	25,000
Total	27,566	28,449	29,805	28,888	28,359	29,811	57,198	58,737

Sources: Chadian authorities; and staff estimates.

1/ Includes mainly the following ministries: Youth and Sports; Environment and Water; and Superior Education.
2/ For 1995 and 1996, including the Prime Minister's Office.

Table 19. Chad: Monetary Survey, 1996-2002

	1996	1997	1998	1999	2000	2001	2002
	(In billions of CFA francs)						
Net foreign assets	62.5	56.0	42.7	37.4	35.9	27.8	81.3
Central bank	53.5	45.4	33.9	18.8	22.2	25.5	71.6
Commercial banks	9.0	10.6	8.8	18.6	13.7	2.3	9.7
Medium- and long-term foreign liabilities	0.0	-0.1	0.0	-2.0	-2.3	-1.9	-2.4
Net domestic assets	75.2	59.0	62.8	68.9	89.7	125.6	109.3
Domestic credit	92.6	91.4	90.5	107.2	127.8	157.1	151.6
Claims on government (net)	45.0	41.1	36.2	48.2	61.9	77.4	72.4
Treasury (net)	50.5	47.0	48.9	60.4	71.4	87.4	80.3
Other (nontreasury)	-5.5	-5.8	-12.8	-12.2	-9.6	-10.0	-7.9
Credit to the economy	47.6	50.2	54.3	59.1	65.9	79.8	79.1
Other items (net)	-17.4	-32.3	-27.7	-38.4	-38.0	-31.5	-42.3
Money and quasi money (M2)	129.5	115.0	105.5	104.3	123.3	151.5	188.2
Currency outside banks	99.7	78.8	73.6	68.2	80.7	93.9	116.8
Demand deposits	24.5	30.3	26.1	29.8	34.3	47.4	59.8
Quasi money	5.4	5.9	5.8	6.3	8.3	10.2	11.6
	(Changes in percent of beginning of period money stock, unless otherwise indicated)						
Net foreign assets	-8.6	-5.0	-11.6	-5.0	-1.5	-6.6	35.3
Net domestic assets	13.9	-12.4	3.3	5.7	20.0	29.1	-10.8
Domestic credit	20.5	-0.9	-0.7	15.8	19.7	23.8	-3.7
Claims on government (net)	9.2	-3.0	-4.3	11.4	13.1	12.6	-3.3
of which: treasury (net)	11.9	-2.7	1.7	10.8	10.6	13.0	-4.7
Claims on the private sector	11.3	2.0	3.6	4.5	6.6	11.2	-0.4
Money and quasi money (M2)	7.2	18.3	7.6	13.5	17.1	22.9	24.2
Currency outside banks	8.1	12.0	4.7	7.8	9.1	10.7	15.1
Demand deposits	-1.1	4.4	2.4	4.7	6.4	10.6	8.2
Quasi money	0.2	1.9	0.4	1.0	1.6	1.6	0.9
Memorandum items:							
Currency outside banks							
As a percentage of broad money	76.9	68.5	69.8	65.4	65.4	62.0	62.1
As a percentage of deposits	406.5	259.9	281.6	229.1	234.9	198.3	195.3
Money velocity (non-oil GDP relative to M2)	6.3	7.9	9.7	9.0	8.0	8.1	7.1

Sources: Bank of Central African States (BEAC); and staff estimates.

Table 20. Chad: Summary Accounts of the Central Bank, 1996-2002
(In billions of CFA francs; or, unless otherwise indicated; end of period)

	1996	1997	1998	1999	2000	2001	2002
Foreign assets	88.3	83.3	69.3	64.2	80.2	93.4	138.9
Gold	2.2	1.9	1.8	2.1	2.1	2.3	2.4
Foreign exchange	85.8	81.1	67.3	61.8	77.8	90.8	136.5
IMF	0.3	0.2	0.3	2.7	2.6	2.7	0.1
SDRs	0.1	0.0	0.1	0.2	0.0	0.0	0.1
Reserve position	0.2	0.2	0.2	2.5	2.6	2.6	0.0
Claims on government	61.9	65.5	64.8	73.9	89.8	102.5	106.8
Direct advances 1/	10.6	11.7	10.9	10.9	16.6	18.1	21.7
Rehabilitation of the banking sector 2/	17.3	17.3	18.2	18.2	18.2	18.15	18.15
Counterpart of IMF purchases	34.0	36.5	35.7	44.9	55.1	66.2	66.9
Claims on commercial banks	7.7	5.2	14.6	7.3	4.5	7.5	1.5
Others	...	...	-3.7	-4.9	1.0	3.9	5.5
Total assets = total liabilities	157.9	154.0	145.0	140.5	175.4	207.3	252.8
Reserve money	108.6	94.2	84.5	79.2	92.1	107.7	145.4
Currency outside banks	99.7	78.8	73.6	68.2	81.3	94.3	116.8
Bank reserves	7.4	12.8	10.1	10.4	9.9	12.9	28.6
Other reserves	1.5	2.6	0.8	0.6	1.0	0.5	0.0
Short-term foreign liabilities	34.8	37.8	35.4	45.4	58.0	67.9	67.4
Of which: use of Fund credit (net)	22.9	36.6	35.7	44.9	55.1	66.2	66.9
Government deposits	6.3	3.0	9.9	3.3	6.2	10.3	13.6
Of which: treasury	1.9	1.6	2.3	2.8	3.7	4.2	5.5
Other items	...	...	15.3	12.6	19.2	21.4	26.4

Sources: Bank of Central African States (BEAC); and staff estimates.

1/ Includes short- and medium-term advances to the treasury, as well as compulsory withdrawals.

2/ Consolidation of the BEAC rediscounts to commercial banks into claims on the government.

Table 21. Chad: Balance Sheet of Commercial Banks, 1996-2002

(In billions of CFA francs; or unless otherwise indicated)

	1996	1997	1998	1999	2000	2001	2002
Reserves 1/	7.4	12.8	10.1	10.4	9.9	12.9	28.6
Foreign assets	5.5	19.4	13.6	25.9	19.5	13.0	25.8
Claims on government 2/	2.2	2.5	1.9	1.6	2.5	7.4	8.8
Claims on private sector	47.6	50.2	54.3	49.2	54.4	65.4	79.1
Other items	...	...	1.2	10.0	17.5	25.1	31.6
Total assets = total liabilities	62.7	84.9	81.2	97.1	103.8	123.8	173.9
Demand deposits	22.6	27.1	25.4	27.8	31.6	43.4	59.8
Time deposits	5.4	5.9	5.8	6.1	8.0	9.9	11.6
Short-term foreign liabilities	4.6	8.8	4.8	7.5	6.9	9.7	16.1
Long-term foreign liabilities	0.0	0.1	0.0	2.0	2.3	1.9	2.4
Government deposits 2/	13.3	24.6	21.4	23.7	22.8	20.2	29.6
Credit from the central bank	7.7	5.2	10.7	4.1	0.5	4.5	1.5
Other items	...	...	13.2	25.9	31.8	34.2	52.9
Memorandum item:							
Bank reserves as a percentage of deposits	26.5	38.8	32.5	30.5	25.0	24.2	40.0

Sources: Bank of Central African States (BEAC); and staff estimates.

1/ Includes cash and bank deposits at the BEAC.

2/ Government includes the treasury and other public agencies.

Table 22. Chad: Net Claims of the Banking System on Government, 1996-2002
(In billions of CFA francs, or, unless otherwise indicated; end of period)

	1996	1997	1998	1999	2000	2001	2002
Banking system's net claims on the treasury	50.0	46.3	43.7	52.2	70.9	86.9	79.7
Claims	63.2	65.5	65.6	74.5	91.1	105.2	111.1
Liabilities	13.2	19.2	22.0	22.3	20.2	18.3	31.4
Central bank (net)	55.6	62.5	55.0	70.7	83.6	92.2	93.2
Claims on central government	61.9	65.5	64.8	73.9	89.8	102.5	106.8
Direct advances	10.6	11.7	10.9	10.9	16.6	18.1	21.7
Advances on current account	8.2	11.7	10.9	10.9	16.6	18.1	21.7
Compulsory withdrawal	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium-term advances	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Counterpart of use of IMF resources	34.0	36.5	35.7	44.9	55.1	66.2	66.9
Rehabilitation of the banking system	17.3	17.3	18.2	18.2	18.2	18.2	18.2
Liabilities	6.3	3.0	9.9	3.3	6.2	10.3	13.6
Deposits	1.9	1.6	7.6	0.5	2.5	6.1	8.0
Currency held by Treasury	4.4	1.4	2.3	2.8	3.7	4.2	5.5
Commercial banks (net)	-5.6	-16.2	-11.3	-18.5	-12.7	-5.2	-13.4
Claims 1/	1.3	0.0	0.8	0.5	1.3	2.7	4.3
Liabilities	6.9	16.2	12.1	19.0	14.0	8.0	17.8
Banking system's net claims on government	45.0	41.1	36.2	48.2	61.9	77.4	72.4

Sources: Bank of Central African States (BEAC); and staff estimates.

1/ Including the postal checking system.

Table 23. Chad: Credit to the Private Sector, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In millions of CFA francs)								
Claims on the private sector	35.4	47.6	50.2	65.9	59.1	65.9	79.8	79.1
Crop credit	4.9	11.5	14.6	15.3	13.9	19.6	22.5	17.8
Other	30.5	36.1	35.6	50.5	45.1	46.3	57.3	61.4
(In percent of total)								
Claims on the private sector								
Crop credit	13.8	24.1	29.1	23.3	23.6	24.3	28.2	22.5
Other	86.2	75.9	70.9	76.7	76.4	70.3	71.8	77.5
(Annual changes in percent)								
Claims on the private sector	13.3	34.3	5.6	31.1	-10.3	11.6	21.0	-0.8
Crop credit	-18.0	134.4	27.3	4.8	-9.1	40.4	14.8	-20.9
Other	20.7	18.2	-1.4	41.9	-10.7	2.7	23.6	7.1

Sources: Bank of Central African States (BEAC); and staff estimates.

Table 24. Chad: Structure of Interest Rates, 1995-2002

(In percent per annum)

	1995	1996	1997	1998	1999	2000	2001	2002
Central bank								
Base discount rate 1/	8.60	7.75	7.50	7.00	7.60	7.00	6.50	6.43
Penalty rate	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Lending rates to the treasury								
Within statutory ceiling	8.00	7.75	7.50	7.00	7.60	7.00	6.50	6.43
Outside statutory ceiling	10.50	10.25	10.25	10.50	10.50	10.50	10.50	10.50
Commercial banks 2/								
Maximum lending rate	16.00	22.00	22.00	22.00	22.00	22.00	18.00	18.00
Minimum deposit rate	5.50	5.00	5.00	4.75	5.00	5.00	5.00	5.00

Source: Bank of Central African States (BEAC).

1/ The money market was introduced in the BEAC area on July 1, 1994. The base discount rate is now the weekly auction rate, set by the Governor. For shorter refinancing (two to seven days), primary banks may resort to repurchase agreements, whose rates are fixed in a range of 1.5-2.0 percent above the weekly auction rate.

2/ Regulatory rates applicable to the activities of commercial banks and fixed by the central bank (BEAC). They were introduced in October 1990.

Table 25. Chad: Balance of Payments, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
	(In billions of CFA francs)							
Goods and services	-85.4	-94.7	-106.9	-132.6	-168.1	-200.9	-445.7	-730.5
Trade balance (including oil sector)	-16.7	-2.5	-2.2	-8.5	-48.8	-66.4	-241.3	-446.0
Exports, f.o.b.	121.3	121.9	141.6	151.5	115.7	130.2	138.3	119.4
Of which: cotton	62.7	47.2	66.6	74.9	50.2	50.7	56.9	33.2
Imports, f.o.b.	-138.0	-124.4	-143.8	-160.0	-164.5	-196.5	-379.6	-565.4
Services (including oil sector)	-68.7	-92.2	-104.7	-124.2	-119.3	-134.5	-204.4	-284.5
Credit	37.0	22.4	28.9	36.0	32.9	39.0	47.8	51.2
Debit	105.7	114.5	133.7	160.2	152.2	173.6	252.2	335.6
Income	-9.3	-5.2	-9.6	-8.9	-8.4	-13.9	-17.7	-21.2
Of which: public sector interest	-9.1	-8.0	-7.6	-6.7	-7.4	-8.9	-8.6	-10.6
Current transfers	39.8	31.4	36.7	43.3	26.8	36.0	34.0	29.7
General government (net)	38.8	29.4	34.5	29.3	21.3	31.4	28.5	25.2
Other sectors (net)	0.9	2.0	2.3	14.0	5.5	4.6	5.5	4.5
Current account balance (excluding official transfers)	-93.8	-98.0	-114.3	-127.5	-171.0	-210.1	-457.9	-747.2
Current account balance (including official transfers)	-55.0	-68.6	-79.8	-98.2	-149.6	-178.7	-429.4	-722.1
Capital and financial account	70.2	65.2	69.8	74.7	91.0	143.2	391.8	810.5
Long- and medium-term capital	71.1	76.7	95.7	68.9	97.1	150.3	421.8	766.4
Public	52.6	54.6	73.8	56.2	79.9	78.5	83.8	138.4
Project grants	26.3	24.9	30.6	41.5	30.0	48.0	48.2	70.4
Loans	26.3	29.7	43.1	14.7	49.9	30.5	35.6	68.0
Drawing	27.5	38.1	50.4	24.9	64.7	44.6	50.8	89.9
Amortization	-1.2	-8.4	-7.2	-10.2	-14.7	-14.1	-15.2	-21.9
Private	18.5	22.1	21.9	12.8	17.1	71.9	338.0	628.0
Direct investment	17.6	21.9	23.7	12.8	15.1	81.8	338.3	628.3
Of which: oil related	0.0	0.0	0.0	0.0	0.0	54.5	287.8	608.4
Other investments	0.9	0.2	-1.8	0.0	2.1	-9.9	-0.3	-0.3
Short-term capital (net)	-0.9	-11.5	-25.9	5.8	-6.0	-7.2	-30.1	44.1
Errors and omissions (net)	5.5	5.5	0.0	11.0	42.2	37.4	29.8	-48.4
Overall balance	20.7	2.1	-10.0	-12.5	-16.4	1.2	-8.8	40.0
Financing	-20.7	-2.1	10.0	12.5	16.4	-1.2	8.8	-40.0
Change in official net reserves	-31.6	-2.3	8.2	11.5	15.2	-3.4	-3.3	-46.3
Change in arrears	-14.1	-8.8	-2.7	-4.8	0.0	2.2	1.5	2.0
Rescheduling of public debt and arrears	22.2	0.0	4.5	5.7	1.2	0.0	10.6	4.3
Use of IMF resources (net)	2.8	9.1	0.0	0.0	4.1	9.2	10.2	6.9
Memorandum items:	(In percent, unless otherwise indicated)							
Nominal GDP (in billions of CFA francs)	719.3	819.0	906.6	1,027.6	942.8	990.7	1,221.1	1,391.8
Current account balance (including official transfers)/GI	-7.6	-8.4	-8.8	-9.6	-15.9	-18.0	-35.2	-51.9
Current account balance (excluding official transfers)/G	-13.0	-12.0	-12.6	-12.4	-18.1	-21.2	-37.5	-53.7
Gross official reserves (in billions of CFA francs)	51.3	53.5	83.3	69.3	64.2	80.2	92.7	139.0
Gross official reserves (in months of imports goods and nonfactor services, excluding oil sector)	2.6	2.8	3.8	2.8	2.6	3.0	3.2	4.8
Debt outstanding (in billions of CFA francs) 1/	414.5	446.6	542.2	558.4	619.8	731.8	902.7	923.3
Debt outstanding /GDP 1/	57.6	54.5	59.8	54.3	65.7	73.9	73.9	66.3
Debt service/exports of goods and nonfactor services 1/	6.5	11.4	22.5	20.1	23.5	42.5	28.0	21.9

Sources: Chadian authorities; and staff estimates.

1/ Before stock-of-debt operation and HIPC Initiative assistance.

Table 26. Chad: External Financial Assistance, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
(In billions of CFA francs)								
Total grants	53.7	50.6	56.4	50.9	44.1	55.2	68.8	95.9
Current grants	14.5	16.2	6.6	12.8	1.3	7.2	20.5	21.5
Budgetary	14.5	16.2	6.6	12.8	1.3	7.2	15.5	10.5
HIPC Initiative assistance	0.0	0.0	0.0	0.0	0.0	0.0	5.0	11.0
Capital grants	39.2	34.4	49.8	38.1	42.9	48.0	48.2	74.4
Net drawings	21.7	38.1	43.1	14.7	49.9	30.5	35.6	68.0
Gross drawings	27.5	38.1	50.4	24.9	64.7	44.6	50.8	89.9
Project loans	8.6	7.6	21.2	24.9	39.2	44.6	50.8	49.0
Program loans	19.0	30.5	29.1	0.0	25.5	0.0	0.0	40.9
Amortization	-5.8	0.0	-7.2	-10.2	-14.7	-14.1	-15.2	-21.9
Use of IMF resources (net)	2.8	9.1	0.0	0.0	4.1	9.2	10.2	6.9
Net repayments of arrears (- reduction)	-14.1	-8.8	-2.7	-4.8	0.0	2.2	1.5	2.0
Debt relief	22.2	0.0	4.5	5.7	1.2	0.0	10.6	4.3
Total net foreign assistance	86.4	89.0	101.3	66.5	99.4	97.1	126.7	177.0
(In percent of GDP)								
Total grants	7.5	6.2	6.2	5.0	4.7	5.6	5.6	6.9
Current grants	2.0	2.0	0.7	1.2	0.1	0.7	1.7	1.5
Budgetary	2.0	2.0	0.7	1.2	0.1	0.7	1.3	0.8
HIPC assistance	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
Capital grants	5.4	4.2	5.5	3.7	4.5	4.8	4.0	5.3
Net drawings	3.0	4.7	4.8	1.4	5.3	3.1	2.9	4.9
Gross drawings	3.8	4.7	5.6	2.4	6.9	4.5	4.2	6.5
Project loans	1.2	0.9	2.3	2.4	4.2	4.5	4.2	3.5
Program loans	2.6	3.7	3.2	0.0	2.7	0.0	0.0	2.9
Amortization	-0.8	0.0	-0.8	-1.0	-1.6	-1.4	-1.2	-1.6
Use of IMF resources (net)	0.4	1.1	0.0	0.0	0.4	0.9	0.8	0.5
Net repayments of arrears (- reduction)	-2.0	-1.1	-0.3	-0.5	0.0	0.2	0.1	0.1
Debt relief	3.1	0.0	0.5	0.6	0.1	0.0	0.9	0.3
Total net foreign assistance	12.0	10.9	11.2	6.5	10.5	9.8	10.4	12.7

Sources: Chadian authorities; and staff estimates.

Table 27. Chad: Public and Publicly Guaranteed External Debt Outstanding, 1995-2002

(In billions of CFA francs)

	1995	1996	1997	1998	1999	2000	2001 1/	2002 1/
Total	414.5	446.6	542.2	558.4	619.8	731.8	721.6	732.4
Multilateral institutions	350.8	375.0	459.5	476.1	518.1	623.4	609.2	644.7
IMF	27.0	29.9	37.1	37.8	40.1	54.0	65.1	66.8
World Bank/IDA	201.6	222.8	275.2	284.5	306.7	356.1	390.0	395.5
African Development Fund/Bank	93.9	99.0	121.4	128.6	144.9	172.6	129.2	154.2
EDF/EIB 2/	11.9	6.7	5.4	5.1	4.6	4.4	2.9	3.2
Other	16.5	16.7	20.5	20.1	21.9	36.3	22.0	25.0
Islamic Development Bank	6.2	6.2	6.2	6.6	5.0	7.8	4.9	5.5
OPEC Fund	3.3	2.8	4.3	5.2	6.9	15.6	7.2	7.7
BADEA 2/	4.9	4.6	4.7	2.9	4.2	5.8	4.2	5.0
BDEAC 2/	1.3	1.3	1.6	1.3	0.3	0.0	0.0	0.0
IFAD 2/	0.9	1.9	3.7	4.1	5.5	7.1	5.7	6.8
Bilateral and commercial creditors	63.8	71.7	82.7	82.3	101.7	108.4	112.5	87.7
Paris Club official debt	36.5	35.2	32.8	31.5	30.2	29.5	29.1	22.2
Pre-cutoff-date debt	28.3	28.6	27.2	26.6	25.3	25.1	24.8	19.0
France	23.8	24.2	22.9	22.1	21.1	21.0	20.8	15.9
Germany	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.2
Italy	3.2	3.7	3.6	3.7	3.5	3.3	3.3	2.5
Netherlands	0.8	0.4	0.4	0.5	0.4	0.5	0.5	0.4
Austria	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Post-cutoff-date debt	8.2	6.5	5.6	4.9	4.9	4.5	4.3	3.2
Spain	5.0	4.9	4.9	4.9	4.9	4.5	4.3	3.2
United States	3.2	1.7	0.7	0.0	0.0	0.0	0.0	0.0
Non-Paris Club official debt	17.2	28.2	42.3	45.0	67.0	75.2	80.6	64.0
Of which:								
China	11.4	12.7	24.2	24.6	22.1	26.5	25.2	19.0
Saudi Arabia	2.4	2.4	2.8	4.2	6.0	8.7	10.0	7.9
Kuwait	0.0	9.7	12.8	13.6	12.6	13.7	15.0	11.6
Taiwan Province of China	0.0	0.0	0.0	0.0	25.2	25.2	29.8	25.0
Commercial creditors	10.0	8.3	7.5	5.8	4.5	3.7	2.8	1.5

Sources: Chadian authorities; and staff estimates.

1/ After stock of debt operation.

2/ EDF, European Development Fund; EIB, European Investment Bank; BADEA, Arab Bank for Economic Development of Africa; BDEAC, Central African States Development Bank; and IFAD, International Fund for Agriculture Development.

Table 28. Chad: Services, Income, and Current Transfers in the External Accounts, 1995-2002

	1995	1996	1997	1998	1999	2000	2001	2002
Services (including oil sector, net)	-68.7	-92.2	-104.7	-124.2	-119.3	-134.5	-204.4	-284.5
Credit	37.0	22.4	28.9	36.0	32.9	39.0	47.8	51.2
Debit	-105.7	-114.5	-133.7	-160.2	-152.2	-173.6	-252.2	-335.6
Income (net)	-9.3	-5.2	-9.6	-8.9	-8.4	-13.9	-17.7	-21.2
Credit	2.5	5.9	2.5	2.4	3.1	4.2	1.6	4.0
Debit	-11.8	-11.1	-12.1	-11.3	-11.5	-18.1	-19.3	-25.2
Scheduled interest	-9.1	-8.0	-7.6	-6.7	-7.4	-8.9	-8.6	-10.6
Other	-2.7	-3.1	-4.5	-4.6	-4.1	-9.1	-10.7	-14.6
Current transfers (net)	39.8	31.4	36.7	43.3	26.8	36.0	34.0	29.7
Credit	52.6	40.1	48.0	51.4	35.6	43.2	40.9	39.0
Debit	-12.9	-8.7	-11.3	-8.1	-8.8	-7.2	-6.9	-9.3
Current private transfers (net)	0.9	2.0	2.3	14.0	5.5	4.6	5.5	4.5
Credit	12.6	9.5	12.1	20.7	11.5	11.2	12.1	11.5
Debit	-11.7	-7.5	-9.9	-6.7	-6.0	-6.6	-6.6	-7.0
Of which : wage remittances	-9.0	-6.5	-8.8	-3.3	-2.8	-2.8	-2.5	-5.0
Public transfers (net)	38.8	29.4	34.5	29.3	21.3	31.4	28.5	25.2
Credit	40.0	30.6	35.9	30.7	24.1	32.0	28.8	27.5
Of which : budgetary aid	18.4	14.1	14.4	12.8	1.3	7.2	15.5	10.5
HIPC Initiative assistance 1/	...	...	...	...	...	...	5.0	11.0
Debit	-1.2	-1.2	-1.4	-1.4	-2.8	-0.6	-0.3	-2.3

Sources: Chadian authorities; and staff estimates.

1/ Interim HIPC Initiative assistance provided by multilateral creditors in the form of grants, starting in 2001.

Table 29. Chad: Foreign Trade Indices, 1995-2002

(1995 = 100)

	1995	1996	1997	1998	1999	2000	2001	2002
Export indices								
Export value index	100.0	100.5	116.7	124.9	95.4	107.3	114.1	98.4
Changes in percent	61.4	0.5	16.1	7.0	-23.6	12.5	6.3	-13.7
Export price index	100.0	107.9	98.5	103.1	98.6	104.2	120.1	113.7
Changes in percent	20.2	7.9	-8.7	4.6	-4.4	5.7	15.3	-5.3
Implicit export volume index	100.0	97.3	125.3	129.5	108.7	115.9	102.8	100.6
Changes in percent	31.6	-2.7	28.8	3.3	-16.0	6.6	-11.3	-2.2
Import indices								
Import value index	100.0	90.2	104.2	115.9	119.2	142.4	275.0	409.6
Changes in percent	17.2	-9.8	15.5	11.3	2.8	19.5	93.2	48.9
Import price index	100.0	102.1	98.0	94.4	97.1	106.6	103.0	101.1
Changes in percent	5.9	2.1	-3.9	-3.8	2.9	9.8	-3.4	-1.8
Implicit import volume index	100.0	88.8	106.9	123.9	124.3	141.0	309.9	491.3
Changes in percent	-4.3	-11.2	20.4	16.0	0.3	13.5	119.8	58.6
Terms of trade								
Terms of trade	100.0	105.7	100.5	109.3	101.5	97.8	116.6	112.5
Changes in percent	13.5	5.7	-4.9	8.7	-7.1	-3.7	19.3	-3.5
Memorandum items:								
Cotton export price index	100.0	86.0	81.8	86.2	67.8	70.8	98.4	63.1
Changes in percent	30.5	-14.0	-4.9	5.3	-21.3	4.4	38.9	-35.9
Cotton export volume index	100.0	86.2	128.0	136.5	116.2	112.3	90.8	82.7
Changes in percent	85.9	-13.8	48.5	6.7	-14.9	-3.3	-19.1	-9.0

Sources: Bank of Central African States (BEAC); and staff estimates.

Table 30. Chad: Exchange Rates, 1994-2002

(Quarterly averages)

	CFA Francs per U.S. Dollar		CFA Francs per SDR		Nominal Effective Exchange Rate	Real Effective Exchange Rate
	Rate	Index 1/	Rate	Index 1/	Index 1/	Index 1/
1994						
First quarter	581.9	105.4	813.1	102.6	98.4	87.2
Second quarter	559.2	101.3	799.0	100.9	99.0	104.1
Third quarter	538.0	97.5	781.5	98.7	101.2	105.0
Fourth quarter	528.4	95.7	775.0	97.8	101.4	103.8
1995						
First quarter	508.0	92.0	766.7	96.8	106.7	109.7
Second quarter	488.4	88.5	768.0	97.0	110.3	107.9
Third quarter	490.7	88.9	745.2	94.1	110.9	109.7
Fourth quarter	492.1	89.2	732.7	92.5	111.9	114.8
1996						
First quarter	506.6	91.8	739.9	93.4	111.1	113.1
Second quarter	517.0	93.7	747.1	94.3	109.8	116.8
Third quarter	507.8	92.0	738.4	93.2	110.1	119.2
Fourth quarter	518.6	94.0	748.3	94.5	109.4	120.1
1997						
First quarter	562.4	101.9	781.0	98.6	106.7	117.2
Second quarter	581.7	105.4	803.8	101.5	105.5	117.1
Third quarter	605.2	109.7	824.5	104.1	103.2	113.7
Fourth quarter	588.7	106.7	803.4	101.4	105.5	115.1
1998						
First quarter	612.5	111.0	823.1	103.9	105.0	116.3
Second quarter	603.9	109.4	807.9	102.0	106.2	118.4
Third quarter	583.8	105.8	786.4	99.3	107.4	125.3
Fourth quarter	562.1	101.9	786.2	99.3	108.6	119.4
1999						
First quarter	594.1	107.6	814.3	102.8	112.7	115.6
Second quarter	627.2	113.6	842.2	106.3	110.9	111.5
Third quarter	616.3	111.7	846.7	106.9	110.2	112.0
Fourth quarter	643.4	116.6	884.2	111.6	109.3	111.2
2000						
First quarter	677.3	122.7	911.9	115.1	107.6	111.0
Second quarter	704.5	127.7	933.7	117.9	105.7	106.3
Third quarter	731.5	132.6	954.8	120.5	104.8	104.0
Fourth quarter	746.5	135.3	961.3	121.4	102.0	109.5
2001						
First quarter	719.3	130.3	923.0	116.5	107.5	119.6
Second quarter	762.0	138.1	956.4	120.7	105.9	118.0
Third quarter	728.0	131.9	930.6	117.5	106.5	117.1
Fourth quarter	735.7	133.3	932.0	117.7	106.9	114.1
2002						
First quarter	756.5	137.1	940.8	118.8	106.7	114.6
Second quarter	694.9	125.9	900.0	113.6	108.4	120.8
Third quarter	667.6	121.0	884.1	111.6	111.3	127.0
Fourth quarter	650.4	117.9	868.1	109.6	112.2	126.4

Sources: IMF, *International Financial Statistics*; and Information Notice System.

1/ 1994 = 100.

Table 31. CEMAC: Indicators of Fiscal Balance, 1996–2002

(In percent of GDP)

	1996	1997	1998	1999	2000	2001	2002
Overall fiscal balance (excluding grants)							
Cameroon 1/	-7.6	-1.0	-1.7	-3.4	1.4	2.0	1.3
Central African Republic	-11.5	-6.5	-8.8	-8.8	-6.7	-4.3	-5.0
Chad	-10.4	-10.0	-7.4	-10.7	-12.4	-10.5	-12.1
Congo, Republic of	-7.0	-9.0	-20.3	-6.3	0.8	-0.9	-8.3
Equatorial Guinea	-35.6	1.4	-2.0	-0.1	7.9	15.0	12.4
Gabon	-4.4	1.5	-14.0	1.2	11.6	3.2	3.4
CEMAC	-2.2	-7.5	-3.4	3.0	1.7	0.1	3.7
Overall fiscal balance (including grants)							
Cameroon 1/	-7.6	-1.0	-1.4	-3.2	1.4	2.4	1.6
Central African Republic	-6.8	-1.6	0.0	-0.5	-1.8	-0.9	-1.2
Chad	-5.9	-3.8	-2.4	-6.0	-6.8	-4.9	-5.2
Congo, Republic of	-6.6	-8.9	-20.0	-5.9	1.1	-0.7	-8.1
Equatorial Guinea	-5.3	2.3	-1.3	0.3	7.9	15.0	12.4
Gabon	-4.1	1.5	-14.0	1.2	11.6	3.2	3.5
CEMAC	-1.4	-6.4	-2.4	3.6	2.5	1.0	4.6
Government revenue (excluding grants)							
Cameroon 1/	14.3	15.1	16.2	15.5	18.8	20.6	19.2
Central African Republic	10.7	8.0	9.3	9.4	8.9	8.9	10.8
Chad	7.3	7.5	7.4	8.2	8.1	7.5	7.9
Congo, Republic of	27.0	28.5	22.6	26.5	26.3	30.7	27.2
Equatorial Guinea	21.1	17.3	26.5	18.1	19.5	27.1	27.4
Gabon	19.6	33.1	34.5	28.3	33.4	34.0	31.5
CEMAC	18.5	20.7	20.4	19.1	22.5	24.1	22.4
Government total expenditure							
Cameroon 1/	21.8	16.1	17.9	18.9	17.4	18.6	17.8
Central African Republic	22.2	14.5	18.1	18.2	15.6	13.2	15.7
Chad	24.1	17.5	14.8	19.0	20.5	18.0	20.0
Congo, Republic of	34.0	37.5	42.9	32.8	25.5	31.6	35.5
Equatorial Guinea	56.8	15.9	28.4	18.2	11.6	12.1	15.0
Gabon	24.1	31.6	48.5	27.2	21.7	30.8	28.1
CEMAC	24.1	23.0	27.9	22.6	19.5	22.3	22.2

Source: Staff estimates.

1/ Fiscal year July 1–June 30.

Table 32. CEMAC: Indicators of External Balance, 1996–2002

(In percent of GDP)

	1996	1997	1998	1999	2000	2001	2002
Exports of goods							
Cameroon 1/	17.6	19.9	20.7	18.3	24.0	25.0	20.1
Central African Republic	13.7	16.2	14.7	14.3	16.3	14.4	13.6
Chad	14.9	15.6	14.7	12.3	13.1	11.3	8.6
Congo, Republic of	65.1	71.3	70.3	66.1	76.1	73.7	74.5
Equatorial Guinea	78.3	96.1	95.6	110.2	107.3	106.8	105.1
Gabon	56.0	57.6	42.5	53.8	63.2	55.6	54.5
CEMAC	34.9	38.2	32.2	35.8	46.5	44.1	41.3
Imports of goods							
Cameroon 1/	-13.2	-14.8	-16.6	-16.1	-17.4	-19.0	-19.3
Central African Republic	-14.3	-14.5	-14.2	-12.6	-12.4	-11.7	-10.7
Chad	-15.2	-15.9	-15.6	-17.4	-19.8	-30.9	-40.6
Congo, Republic of	-23.1	-27.9	-28.6	-22.2	-18.5	-24.4	-23.4
Equatorial Guinea	-98.7	-68.0	-90.3	-109.8	-75.2	-91.0	-50.9
Gabon	-17.0	-18.2	-24.6	-15.8	-15.8	-19.2	-19.7
CEMAC	-16.8	-18.8	-21.5	-20.4	-20.8	-26.6	-24.4
External current account (including grants)							
Cameroon 1/	-4.1	-3.0	-2.4	-4.5	-1.9	-1.7	-7.0
Central African Republic	-3.3	-3.0	-6.1	-1.6	-2.2	-4.8	-2.9
Chad	-8.4	-8.8	-9.6	-15.9	-18.0	-35.2	-51.8
Congo, Republic of	-32.8	-13.0	-20.6	-17.1	7.9	-3.2	-0.3
Equatorial Guinea	-107.7	-37.5	-78.5	-41.1	-26.8	-32.1	-6.7
Gabon	10.4	2.8	-18.7	-5.7	6.2	0.3	0.7
CEMAC	-5.2	-4.0	-11.1	-8.6	-1.0	-6.9	-8.1
External current account (excluding grants)							
Cameroon 1/	-4.4	-3.0	-2.7	-4.5	-1.9	-2.1	-7.3
Central African Republic	-7.3	-5.8	-9.6	-5.7	-6.5	-6.2	-4.1
Chad	-12.0	-12.6	-12.4	-18.2	-21.2	-37.2	-53.6
Congo, Republic of	-34.1	-13.3	-21.0	-17.2	7.6	-3.4	-0.5
Equatorial Guinea	-108.5	-37.7	-78.8	-41.2	-26.9	-32.2	-6.7
Gabon	10.4	2.8	-18.7	-5.7	6.2	0.3	0.6
CEMAC	-3.1	-2.6	-7.0	-5.5	-0.9	-5.6	-6.1

Source: Staff estimates.

1/ Fiscal year July 1–June 30.

Table 33. CEMAC: External Public Debt, 1996-2002

	1996	1997	1998	1999	2000	2001	2002
(In percent of GDP)							
External public debt							
Cameroon 1/	97.0	98.6	92.1	94.6	91.2	81.8	55.0
Central African Republic	87.1	92.9	88.1	2.0	81.5	92.3	96.8
Chad	58.1	57.1	57.6	67.5	76.2	54.2	46.1
Congo, Republic of	212.2	220.0	264.4	231.6	164.9	193.1	208.4
Equatorial Guinea	101.3	47.4	54.8	37.2	22.1	16.4	13.0
Gabon	71.1	71.3	84.9	79.7	63.8	64.8	66.2
CEMAC	100.7	100.7	104.0	102.5	90.2	85.7	74.7
(In percent of exports of goods and services)							
External public debt							
Cameroon 1/	550.1	494.7	445.0	516.6	379.9	326.9	273.7
Central African Republic	635.7	573.4	599.8	544.0	498.4	641.5	712.7
Chad	390.7	366.0	390.7	550.3	579.6	478.0	537.7
Congo, Republic of	325.9	308.4	376.4	350.4	216.7	262.0	279.6
Equatorial Guinea	129.4	49.3	57.3	33.8	20.6	15.4	12.4
Gabon	126.9	123.8	199.7	148.2	100.8	116.5	121.6
CEMAC	288.4	263.8	322.9	286.4	194.0	194.5	180.7
Debt service							
Cameroon 1/	59.5	44.3	40.4	45.2	31.2	38.4	46.2
Central African Republic	11.0	8.7	17.1	9.5	9.3	11.1	1.6
Chad	11.4	22.5	20.1	23.5	42.5	28.0	21.9
Congo, Republic of	40.4	58.9	18.7	22.2	23.6	21.4	28.1
Equatorial Guinea	7.5	89.0	49.8	64.6	32.2	19.5	11.6
Gabon	19.4	36.1	17.4	16.8	32.3	40.4	33.0
CEMAC	33.8	15.6	7.6	7.2	9.5	10.8	9.0
(In percent of government revenue)							
Debt service							
Cameroon 1/	39.9	31.0	53.4	29.5	22.1	14.7	14.4
Central African Republic	11.0	8.7	17.1	9.5	2.0	11.1	1.6
Chad	27.6	22.6	20.1	23.5	42.5	19.0	20.6
Congo, Republic of	93.8	58.9	18.7	22.2	23.7	21.4	28.1
Equatorial Guinea	33.1	89.0	2.0	64.6	32.2	19.5	0.0
Gabon	45.6	36.1	2.0	1.0	32.3	40.4	33.1
CEMAC	70.7	60.5	18.9	25.1	25.8	22.5	16.5

Source: Staff estimates.

1/ Fiscal year July 1-June 30.

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
1. Tax on net income and profits			
1.1 Tax on net income and profits of companies			
1.1.1 Corporate tax (IS) (General Tax Code, Arts. 115 to 135)	<p>Levied annually on the profits of corporations engaged in industrial, commercial, agricultural, or noncommercial business. Capital gains from the transfer of assets are considered part of gross profits, except in the case of transfers when going out of business, for which only a fraction is included, in proportion to the length of the operation (50 percent if the transfer occurs after more than five years). Possibility of capital gains exemption if reinvested.</p> <p>Paid in one-third advance installments.</p> <p>Profits are declared within three months of years' end, and the tax must be paid on a voluntary basis in the month after filing of the return.</p>	<p>Agricultural production and consumption cooperatives; agricultural associations; and teaching and professional training associations and cooperatives. Exemption during the first five years of operation for new enterprises eligible under one of the investment code schemes.</p>	<p>- 40 percent (2003 Budget Law): general regime; and - 25 percent for income earned by nonprofit organizations, associations and public entities (General Tax Code, Art 130).</p>
1.1.2 Minimum tax (General Tax Code, Arts. 183 to 186)	<p>Assessed on the turnover of the last month. Must be paid on a voluntary basis as an advance on the profit tax. Is taken into account for the annual tax at the time of the tax form declaration and payment. Overpayment is nonrefundable and definitively collected by the treasury.</p>	<p>Same as 1.1.1</p>	<p>Single rate of 1.5 percent on turnover, all taxes included.</p>
1.2 Personal income tax (IRPP)	<p>Assessed on net annual income received or earned, whatever its source. Principle of taxation by household. Gross income is calculated by adding together income from the different categories. Net income is obtained after deduction of deficits from previous years and interest on borrowing for real estate investment. A tax return must be filed by March 1 of each year. Income is assessed according to rules established for each category. There are seven categories of income: (1) wages</p>	<p>The fiscal system is taken into account by application of the system of dependents allowance set against tax (1 share for the husband, 1 share for the wife, and 1/2 share per dependent child and up to a maximum of 5 shares per family). The following reductions also apply:</p> <ul style="list-style-type: none"> - the contribution is reduced by 20 percent for income per share not exceeding CFAF 300,000; - the 20 percent reduction of the contribution is reduced by 1 point per bracket of CFAF 1,000 for income per share between CFAF 300,000 and CFAF 310,000; 	<p>Progressive scale from 20 percent to 65 percent. Rate per share:</p> <ul style="list-style-type: none"> - CFAF 1-300,000: 20 percent - CFAF 300,001-800,000: 25 percent - CFAF 800,001-1,000,000: 30 percent - CFAF 1,000,001-1,500,000: 40 percent - CFAF 1,500,001-2,000,000: 45 percent - CFAF 2,000,001-3,000,000: 50 percent - CFAF 3,000,001-6,000,000: 55 percent - CFAF 6,000,000 and above: 65 percent.

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
	and salaries; (2) property income; (3) investment income; (4) industrial and commercial profits; (5) income from noncommercial activities; (6) remuneration of managers with majority shareholding; and (7) income from abroad.	- the contribution is reduced by 10 percent for income per share between CFAF 310,000 and CFAF 600,000; and - the 10 percent reduction applicable to the contribution is decreased by 1 point per CFAF 1,000 for income per share between CFAF 600,000 and CFAF 610,000.	
1.2.1 Salaries, pensions, and life annuities (General Tax Code, Arts. 37 to 41)	The tax base consists of total gross remuneration and benefits in cash and in kind, assessed at 15 percent for free housing and other benefits and at a variable percentage (between 1 and 8 percent) for other advantages.	Deductions: withholdings by the employer for the creation of merged pension funds and social security withholdings. The amount thus obtained is subject to a standard abatement of 40 percent.	The IRPP scale is applied after deduction of a tax credit of 4 percent of net taxable income in the form of wages and salaries. It is withheld at source by the employer and forwarded to the treasury in the first 20 days of the following month. The amount withheld is a down payment of the tax ultimately payable.
1.2.2 Property income (General Tax Code, Arts. 12 and 13)	The tax base consists of gross income from developed and undeveloped property that is not included as part of the profits of an industrial, commercial, artisanal, or agricultural enterprise, or a noncommercial profession.	Net income is obtained by reducing gross income by 30 percent for management, insurance, repair, maintenance, and amortization costs. Owner-occupied premises are exempt.	Withheld at source when the lessee is a partnership or an incorporated company, whether or not it is subject to corporate tax, in the amount of: - 15 percent of the rent if the beneficiary resides in Chad; and - 20 percent if the beneficiary does not reside in Chad. The amount withheld at source is credited against personal income tax and is paid monthly.
1.2.3 Income from movable capital (General Tax Code, Arts. 51 to 68)	The tax base consists of income from securities, and shares in the form of bonds (<i>parts obligataires</i>), directors' fees and remuneration, income from claims, security and other deposits. Gross income is obtained by adding all the amounts collected and their related tax credits.		Withheld at source at the single rate of 20 percent. The amount withheld is deductible from the annual IRPP.
1.2.4 Industrial and commercial income	Gross income consists of net profits received or payable from industrial, commercial, artisanal, and agricultural activities exercised by individuals. Capital gains from the transfer of assets are normally considered to be profits. However, in the case of a complete transfer of assets, only 50 percent of the	Taxable profits are subject to a lump-sum abatement of 20 percent for activities other than: - purchase/resale; - insurance, banking, credit, freight forwarding; - brokers, business agents; and - leasing of equipment or funds.	Withheld at source at the single rate of 1.5 percent.
1.2.4.1 Business profits (BIC): actual profits regime (General Tax Code, Arts. 14 to 35)			See 1.2 above.

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
	<p>capital gains is deducted if the transfer takes place within five years of creation and only 25 percent if the transfer takes place after five years. Lump-sum tax regime is applied to turnover lower than CFAF 30 million for small commercial and artisanal enterprises, and lower than CFAF 20 million for other. Actual profits regime is regime applicable above these ceilings.</p>		
1.2.4.2 Withholding at source on wholesale purchases and sales	<p>Levied on purchases and sales by wholesalers and customs. Deducted from the IRPP payable on total income; no refunds made. The deduction is extended to importers and government suppliers and replaces the turnover tax on services.</p>	<p>Suspension for three months (renewable) of the 4 percent prepayment for corporations current with their tax obligations. The 4 percent prepayment is credited when the annual tax has been paid.</p>	4 percent on the amount of invoices.
1.2.4.3 Minimum tax	<p>IRPP installment (itemized system) payable but not refundable. Assessed on turnover in the current year. Monthly payment is based on the previous month's turnover.</p>	<p>Lump-sum taxpayers are not subject to the minimum tax. However, their business license is increased by an amount that serves as part payment of the IRPP/BIC.</p>	Withheld at source at the single rate of 1.5 percent.
1.2.5 Noncommercial profits (BNC) (General Tax Code, Arts. 42 to 50)	<p>Gross income consists of net profits from a professional activity, position, or office, or a profitable operation not forming part of another income category. Income is calculated on the basis of either: - actual profits; or - estimated profits.</p>	<p>Only 80 percent of the profits identified are taxable.</p>	<p>Withheld at source at the rate of 20 percent, levied as an advance payment. Based on fees and commissions. Taxpayers without a permanent professional office in Chad are subject to a withholding at source equal to 12.5 percent of the net amount of the contract, in discharge of the IRPP.</p>
1.2.6 Remuneration of directors with majority shareholding and directors of limited partnerships (General Tax Code, Art. 36)	<p>The tax base consists of the wages, lump-sum reimbursements of expenses, and any other remuneration deductible from company profits.</p>	<p>The deduction of professional expenses may not exceed 15 percent of the amounts collected.</p>	
1.2.7 Income received outside Chad	<p>Taxed in its entirety in Chad unless otherwise indicated in international conventions. In that case, the so-called effective rate rule applies.</p>		Single rate of 25 percent.
1.2.8 Tax on capital gains from land transfers	<p>Levied on capital gains realized by individuals or corporations on transfers of</p>		

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
	developed or undeveloped land acquired less than seven years earlier. This tax has been abandoned in practice.		
1.3	Miscellaneous		
1.3.1	Contribution to the Rural Action Fund (<i>Fonds d'Intervention Rurale</i> (FIR))	Payable by all individuals subject to head tax or the IRPP.	- Individuals subject to the head tax: CFAF 100. - Wage earners: CFAF 40 per month.
1.4	General lump-sum tax (<i>Impôt Général Libérateur</i> —IGL)	Replaces the lump-sum turnover tax (Value-added-tax, BIC, BNC, and BA (<i>benefices agricoles</i>)). Payable by sole proprietorships whose turnover is less than CFAF 30 million for purchases/resale and less than CFAF 20 million for suppliers and noncommercial profits.	Corporations and sole proprietorships subject to the itemized system and to the simplified tax regime, and some professional groups. The rate varies according to the activity and location.
2.	Social security contributions		
2.1	Family benefits allowances	Employer is responsible for contribution.	Monthly wages ceiling: CFAF 130,000. Service delivery: 16 percent. General scheme: 6 percent, including 0.1 percent to the manpower office. Domestic employees: CFAF 1,200 a month per employee.
2.2	Industrial accidents	As above.	As above. General scheme: 2.5 percent (increased to 4 percent in cases of violation of safety regulations).
2.3	Retirement	Contribution shared by employer and employee.	As above. Employer: 4 percent. Employee: 2 percent. Civil service wages and salaries: 5 percent.
3.	Payroll taxes		
3.1	Lump-sum tax payable by employers and annuity grantors (General Tax Code, Arts. 174 to 177)	Assessed on total gross remuneration, consideration in kind, allowances, and lump-sum reimbursements. Paid by private sector employers on a monthly basis.	7.5 percent of gross taxable total.
3.2	Apprenticeship tax (General Tax Code, Arts. 58 to 173)	Payable by any person subject to the BIC, BNC, or IS, on total wages, salaries, and compensation.	Total or partial exemption possible with justification of measures taken to promote apprenticeships. Exemption fee transferred to the Apprenticeship Fund (FONAP). 1.2 percent.

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
4. Property taxes			
4.1 Real estate			
4.1.1 Land taxes			
4.1.1.1 Land tax on developed property (General Tax Code, Arts. 678 to 690)	Annual tax on buildings and facilities or fixed equipment of industrial enterprises, as well as land assigned to industrial or commercial use, levied on behalf of municipalities with financial autonomy. Calculated on the rental value assessed over five years by the direct taxes unit.	Abatement of 50 percent of the rental value for depreciation and maintenance costs. Temporary exemption for new construction as follows: - five years for residential buildings; and - two years for others. However, the exemption is removed for rental buildings and apartments when the rental value on January 1 of the tax year exceeds 15 percent of the actual value on the same date.	12 percent of the rental value in N'Djamena (1993 Budget Law); and 11 percent elsewhere.
4.1.1.2 Land tax on undeveloped property (General Tax Code, Arts. 680 and 691 to 704)	Annual tax on undeveloped land in urban areas and land in rural areas. Assessed on the following rental value: - urban areas: 10 percent of the value established over five years by the Tax Directorate; - rural areas: lump-sum value is established at CFAF 50,000 per hectare. Collected in favor of autonomous local authorities.	Temporary exemption of three to eight years for land newly set aside for farming or stockraising. Permanent exemption for land belonging to the central government or local authorities. Lump-sum abatement representing 20 percent of the rental value.	21 percent of the rental value in N'Djamena; and 20 percent elsewhere.
4.1.2 Tax on recreational land, undeveloped or insufficiently developed land, building lots (General Tax Code Arts. 187 to 197)	Levied in favor of the state on land considered as being situated within the communes of N'Djamena, Sarh, and Moundou. In practice, this tax is no longer applied.		Recreational land Undeveloped or insufficiently developed land Building lots Rural lots (from 1 hectare)
4.1.3 Tax on rental value of professional premises (General Tax Code, Arts. 764 to 768)	Levied in favor of local authorities under the same conditions as the business license tax, on industrial and commercial premises used to engage in an activity requiring a business license.		Annual rent: - less than CFAF 60,000: exempt - CFAF 60,001 to 120,000: 6 percent - CFAF 120,001 to 300,000: 9 percent - CFAF 300,001 to 600,000: 12 percent - Over CFAF 600,000: 15 percent.
4.2 Estate duties and gift taxes (General Tax Code, Arts. 269 to 285)	Levied on the net value of assets transferred <i>causa mortis</i> or <i>inter vivos</i> in Chad.	Abatement of CFAF 5 million per living child or deceased child with heirs or per dependent elder.	Variable, depending on the relationship of the inheritor or beneficiary to the deceased or donor.
4.3 Transfer taxes			

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
4.3.1	Tax on the creation or merger of companies (General Tax Code, Art. 260)	Levied on the capital of new companies and companies created by mergers, capital increases, transfers of shares, and changes of title.	3 percent on the capital of new companies and on capital increases, and 5 percent for the incorporation of profits and reserves.
4.3.2	Property transfer tax (General Tax Code, Arts. 391 et seq.)	Levied on the sale, lease, or exchange of buildings.	5 percent for verbal leases, 10 percent for sales and exchanges of buildings, and 6 percent for auction records. Suggested prices per sq.m. serving as reference minimums were defined in the 2001 Budget Law.
4.3.3	Tax on transfers of movable property	Levied on the sale and lease of movable property.	Variable, from 3 percent to 6 percent, depending on the type of operation.
4.3.4	Tax on other operations	Levied on some transactions, in particular transfers of claims, goodwill, and government contracts.	Single rate of 10 percent.
4.3.5	Land conservation tax	Levied at the time of registration of real property rights.	Land conservation: - 4/1000 of the investment value; - registration: CFAF 15,000; and - radiation: 2 percent.
5. Taxes on goods and services			
5.1	General sales tax		
5.1.1	Value-added tax	Levied on all production, import, and services business. Applies to all individuals and corporations, including government bodies and public law entities. Filing and payment on the tenth and the fifteenth day of each month.	Retail sales enterprises with a turnover of less than CFAF 30 million and suppliers with a turnover of less than CFAF 20 million (but option possible). Also, direct sales of their products by farmers, stockbreeders, fishermen, social, educational, and religious services; medical and artistic activities; certain duly listed basic commodities; the first 14 cu. m. per month of safe water sold by the STEE; and operations subject to the insurance tax or other specific taxation. VAT paid upstream on properly drawn up invoices by taxpayers or in customs is deductible from VAT collected. Credits may be refunded for exporters and large investors. The right to a deduction is limited for enterprises engaging in both taxable and nontaxable operations.
5.1.2	Tax on livestock sales (General	Levied on operations related to livestock	18 percent and 0 percent for exports and international transport.

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
Tax Code, Arts. 153 to 157)	sales. Paid by buyers to market officials, using tickets supplied by the tax administration.		
5.1.3 Tax on livestock exports (General Tax Code, Arts. 26 ter)	Lump-sum tax paid to customs.		Variable, depending on the livestock category: CFAF 1,500 (cattle); CFAF 200 (sheep, goats); CFAF 2,000 (camel); CFAF 2,500 (horses); CFAF 100 (donkeys); and CFAF 100 (raw skins).
5.2 Tax on petroleum products (Ordinance 11 of 7/31/87)	Assessed and collected by the Petroleum Taxation Bureau (BFP) and the General Treasury. The tax is distributed, on the basis of an allocative key for each product, among the state budget, the CNRT, and the OFNAR (National Road Fund).	Petroleum by-products and derivatives are exempt (e.g., lubricants, heavy fuel oil, casing head gas, paraffin, petroleum wax, asphalt and asphalt blends, petroleum spirits, and petroleum coke).	2003 Budget Law Premium-grade gasoline: CFAF 141 per liter Gasoline: CFAF 141 per liter Domestic kerosene: CFAF 0 per liter Diesel oil: CFAF 79 per liter Aviation gasoline: CFAF 6 per liter.
5.3 Tax on insurance contracts (General Tax Code, Arts. 449 et seq.)	Levied on insurance contracts. Paid by companies on a quarterly basis.		Life insurance: 1 percent Transportation insurance: 8 percent Auto insurance: 20 percent Multirisk insurance: 20 percent Fire insurance: 30 percent
5.4 Tax on the use of movable and immovable property and on business licenses			
5.4.1 Tax on business and other licenses			
5.4.1.1 Business license tax (General Tax Code, Arts. 705 to 739)	Levied annually in favor of autonomous local authorities, or, where none exists, the central government, on individuals and companies engaged in commercial, industrial, or professional businesses that are not explicitly exempt.	New industries may be exempt during their first five years of operation.	Broken down into two components: - a fixed duty ranging from CFAF 3,035 to CFAF 438,750 and - if appropriate, a tax that is variable, depending on the number of wage earners employed, and the physical resources in use. The duties are increased by 10 percent in favor of the Consular Chamber and by 10 percent in favor of the National Social Security Fund (2003 Budget Law).

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates
5.4.1.2 License tax (General Code, Arts. 744 to 746)	Levied annually in favor of autonomous local authorities, or, where none exists, the central government, on all beverage vendors.		Variable, from CFAF 2,000 to CFAF 165,000, depending on the value of the beverage, whether consumed on the premises or not, and whether imported or not.
5.4.2 Motor vehicles			
5.4.2.1 Motor vehicle use tax (General Tax Code, Arts. 646 to 652)	Levied on motor vehicle registration, reregistration, transfer of ownership, and similar operations.	Government, embassy, and NGO vehicles.	Fixed, ranging from CFAF 8,000 to CFAF 53,000, depending on the vehicle and its engine capacity.
5.4.2.2 Motor vehicle use tax (General Tax Code, Arts. 653 to 663)	Annual tax payable by vehicle owner.	Same as above.	Fixed, ranging from CFAF 5,625 to CFAF 69,375, depending on the vehicle and its engine capacity.
5.5 Tax on travel	Levied on passengers on international and domestic flights.	Civil servants on official mission, minors, medical evacuations.	International flights: - Nationals: CFAF 3,000 - Foreigners: CFAF 5,000 Domestic flights: CFAF 500.
5.6 Excise duties	Applicable to certain products listed in Law 6 PR/95. Application of a rate on customs valuation (imports) or on sales price (factory gate).		Defined by ministerial order. Mineral and carbonated water: 5 percent Beer, wine, and other fermented drinks: 25 percent Composite alcoholic beverages: 30 percent Cigars, cigarettes, tobacco: 20 percent Jewels and precious stones: 20 percent Electrical and electronic materials: 20 percent.
6. Duties and taxes on foreign trade			
6.1 Taxes on imports			
6.1.1 Common external tariff	Applied to all imports from non-UDEAC countries.	Products intended for government agencies or financed with a foreign grant or loan. Wheat, rice, sorghum and pharmaceutical products.	4 categories: Category 1: 5 percent Category 2: 10 percent Category 3: 20 percent Category 4: 30 percent.
6.1.2 VAT on imports (Arts. 23-26, CD-UDEAC)	Levied on all imported products, irrespective of their origin or source. The tax base is the value, c.i.f., plus customs duty and entry tax, and excise taxes where applicable (Ordinance 01/PR/96).	As in Art. 214 of the Customs Code and UDEAC Act of 2/92. Essential goods (medicines, milk, poultry meat, bread, etc.).	18 percent.

Chad: Summary of the Tax System, 2001
(Amounts expressed in CFA francs)

Tax	Nature of Tax	Exemptions and Deductions	Rates	
6.1.3	Supplementary tax	Incorporated into the import duty on certain products. Same rules of assessment (value, c.i.f.), liquidation, and collection as for import duty.	Not applied to a list of products consisting of sugar, rubber, palm oil, cotton, cottonseeds, malt beer, cigarettes, alcohol, and soap.	25 percent.
6.1.4	Statistical tax	Levied on all operations requiring itemized filing. Assessed on the value, c.i.f., or the official value of goods.		2.0 percent, with a minimum of CFAF 100 collected per filing.
6.1.5	Storage and custody tax	Levied on goods that have not been the subject of itemized filing within the legally required timeframe (15 days) or that remain in bond for other reasons.		First 10 days: CFAF 5 Day 11 to 20: CFAF 10 Day 21 onward: CFAF 30 per day and per 50kg fraction.
6.1.6	Transit tax	Levied on petroleum products.		0.8 percent of taxable value.
6.1.7	Preferential tax	Levied on animal products from non-CEMAC countries.		0.4 percent of UDEAC customs valuation.
6.2	Export duty and taxes			
6.2.1	Exit tax	Applicable to products of animal source (livestock, skins) and plant source (cotton, oilseeds). Assessed on the official value or the value, f.o.b.	Products other than those indicated under "Nature of Tax."	0.5 to 30 percent of the value, f.o.b.
6.2.2	Research and control taxes	Assessed on the value, f.o.b., of goods.		0.5 percent.
6.2.3	Statistical tax	Collected on all export operations. Assessed on the value, f.o.b., of goods.		2 percent, with a minimum of CFAF 1,000 collected per filing.