

Agriculture

Agriculture is one of Africa's important sectors. African agriculture has two major components: food production and export commodities. Food production, including meat, is the livelihood for most Africans. Export crops provide many African countries with their main source of foreign exchange and thus the capacity to import, invest, and develop. The information in this chapter provides a basis for assessing recent trends in producer prices, aggregate agricultural production and trade, cereal imports, and food aid in Africa.

The data in this chapter are estimates based on a variety of sources whose quality and reliability vary from country to country and year to year. Furthermore, production and export data are probably underestimated for two reasons. It is difficult to estimate production levels of staple food crops, especially roots and tubers, when much of the output is consumed directly by farmers, rather than marketed. Moreover, parallel market activity, including trade, may not be fully accounted for.

8-1. Nominal producer prices

		Local currency per kilogram										
	Category	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
ALGERIA												
	Wheat (hard)	F1	1.2	2.2	2.2	2.7	3.7	4.6	5.4	10.3	10.3	19.0
	Citrus (oranges)	F2	..	..	..	..	..	..	..	..	..	..
	Dates	F3	4.5	11.3	11.5	..	..	..	..	..	..	..
	Barley	NT1	0.8	1.4	1.7	1.7	2.3	2.3	4.7	4.7	6.0	14.0
	Potatoes	NT2	1.3	2.6	2.8	2.7	3.0	3.3	6.5	6.5	6.5	10.0
ANGOLA												
	Coffee	X1	..	67.0	67.0	67.0	67.0	135.0	158.0	..	..	..
	Maize	F1	..	10.0	10.0	11.5	11.5	100.0	..	..	..	..
	Millet	F2	4.0	10.0	10.0	10.0	10.0	100.0	..	..	..	..
	Wheat	F3	4.5	17.5	17.5	17.5	17.5	200.0	..	..	..	..
	Cassava	NT1	..	5.0	5.0	7.7	7.7	150.0	..	..	..	..
	Sweet potatoes	NT2	2.5	7.5	7.5	14.0	14.0	200.0	..	..	..	..
BENIN												
	Cotton (seed cotton)	X1	65.0	110.0	100.0	105.0	95.0	100.0	100.0	94.8	..	..
	Palm kernels	X2	35.0	20.0	20.0	30.0	30.0	35.0	35.0	..	..	..
	Maize	F1	40.0	65.0	68.0	64.0	55.0	85.0	58.0	62.0	53.0	..
	Sorghum	F2	46.0	65.0	72.0	67.0	60.0	60.0	63.0	65.0	55.0	..
	Cassava	NT1	30.0	15.0	20.0	16.0	16.0	17.0	17.5	18.2	..	..
	Yams	NT2	32.0	50.0	58.0	49.0	49.0	49.0	50.0	52.0	..	..
BOTSWANA												
	Groundnuts (in shell)	X1	0.2	0.7	0.7	0.7	0.7	1.1	1.0	1.4	..	..
	Sorghum	F1	0.1	0.3	0.3	0.3	0.3	0.3	0.4	0.4	..	..
	Maize	F2	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.4	..	..
BURKINA FASO												
	Cotton (seed cotton)	X1	55.0	97.2	89.7	94.4	94.6	95.0	..	..	..	..
	Groundnuts (in shell)	X2	54.0	50.0	60.0	55.0	60.0	60.0	..	..	..	..
	Sesame seed	X3	70.0	80.0	55.0	65.0	85.0	80.0	..	..	..	..
	Sorghum	F1	45.0	40.0	45.0	40.0	45.0	60.0	..	..	..	..
	Millet	F2	45.0	40.0	45.0	40.0	45.0	60.0	..	..	..	..
	Maize	F3	45.0	45.0	55.0	45.0	50.0	65.0	..	..	..	..
BURUNDI												
	Coffee (green)	X1	..	..	..	..	..	..	..	..	..	..
	Tea	X2	..	..	..	..	..	..	..	..	..	..
	Cotton (seed)	X3	36.1	51.9	52.6	55.3	57.8	60.2	62.4	64.4	..	..
	Maize	F1	25.0	..	..	..	..	..	..	..	..	..
	Sorghum	F2	20.0	..	..	..	..	..	..	..	..	..
	Rice	F3	25.0	..	..	..	..	..	..	..	..	..
	Millet	F4	20.0	..	..	..	..	..	..	..	..	..
	Bananas	NT1	..	..	..	..	..	..	..	..	..	..
	Cassava	NT1	10.9	..	..	..	..	..	..	..	..	..
CAMEROON												
	Coffee (Arabica)	X1	320.0	475.0	475.0	475.0	458.0	186.0	165.0	..	..	..
	Cocoa (grade 1, superior)	X2	300.0	420.0	420.0	42.0	250.0	220.0	200.0	200.0	..	..
	Cotton (seed cotton, nonselected)	X3	70.0	130.0	130.0	140.0	95.0	95.0	95.0	85.0	..	..
	Maize	F1	60.0	83.2	76.8	82.4	57.0	51.7	..	..	..	..
	Sorghum	F2	40.0	38.9	60.6	47.2	43.0	77.9	..	..	..	..
	Millet	F3	40.0	38.9	60.6	47.2	43.0	77.9	..	..	..	..
	Rice (paddy)	F4	105.0	91.0	64.7	77.5	82.7	53.5	..	..	..	..
	Cassava	NT1	19.0	48.0	46.6	41.7	..	..	..	..	..	..
	Plantains	NT2	25.0	45.3	46.7	47.3	..	54.0	..	..	..	..
CENTRAL AFRICAN REPUBLIC												
	Coffee (Robusta, cherries)	X1	120.0	135.0	135.0	190.0	110.0	80.0	40.0	40.0	120.0	240.0
	Cotton (seed cotton)	X2	60.0	100.0	100.0	100.0	100.0	..	68.5	60.0	60.0	117.0
	Sorghum	F1	..	103.5	128.3	107.7	92.5	..	..	..	136.7	168.9
	Maize	F2	40.0	65.3	67.7	104.3	111.6	..	..	..	136.0	271.0
	Groundnuts (unshelled)	F3	70.0	..	..	171.7	..	..	..	..	217.6	526.3
	Cassava	NT1	30.0	76.2	89.5	57.5	103.7	..	..	..	119.2	176.6
	Yams	NT2	25.0	107.1	91.0	124.5	86.6	..	..	..	..	222.5
CHAD												
	Cotton (seed cotton, avg. white/yellow)	X1	..	99.0	99.0	97.0	88.0	88.0	88.0	77.0	89.0	..
	Millet	F2	..	31.0	31.0	48.0	47.0	52.0	62.0	41.0	41.0	..
	Groundnuts	F3	..	57.0	46.0	44.0	46.0	48.0	70.0	67.0	77.0	..

(Table continues on the following page)

8-1. Nominal producer prices (continued)

		Local currency per kilogram										
	Category	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
COMOROS												
Vanilla	X1	1150.0	..	..	..	..	..	..	..	..	..	..
Cloves	X2	1250.0	..	..	..	..	..	..	..	..	..	..
Ylang Ylang (flower)	X3	45.0	90.0	65.0	65.0	..	..	..	..	..	..	..
Copra	X4	40.0	..	..	..	..	..	..	..	..	..	..
Bananas	F1	50.0	..	..	..	..	..	..	..	..	..	..
Cassava	NT1	40.0	..	..	..	..	..	..	..	..	..	..
CONGO, DEMOCRATIC REPUBLIC OF												
Coffee (Arabica, green beans)	X1	4.0	42.6	69.3	107.5	166.9	440.5	13837.3	..	..	..	..
Palm oil	X2	2.1	23.0	37.6	59.4	93.8	247.7	7778.7	..	..	..	..
Rubber (natural)	X3	..	..	..	..	..	..	..	..	..	..	..
Cocoa (beans)	X4	..	30.0	50.0	..	..	..	..	..	..	..	..
Maize	F1	1.2	7.5	10.1	25.8	40.3	106.4	..	..	..	..	..
Rice (paddy)	F2	2.0	11.5	17.0	28.7	45.2	119.4	..	..	..	..	..
Cassava	NT1	1.3	3.0	3.9	8.4	13.2	34.7	1090.8	..	..	..	..
Plantains	NT2	2.9	..	..	..	..	..	..	..	..	..	..
CONGO, REPUBLIC OF												
Coffee	X1	146.0	215.0	215.0	115.0	115.0	115.0	115.0	115.0	115.0	..	..
Cocoa	X2	134.8	190.0	240.0	108.0	108.0	88.0	88.0	88.0	88.0	88.0	88.0
Maize	F1	43.0	73.0	85.0	60.0	60.0	60.0	60.0	100.0	100.0	100.0	100.0
Cassava	NT1	..	..	..	..	..	..	..	..	..	..	..
Plantains	NT2	..	..	..	..	..	..	..	..	..	..	..
COTE D'IVOIRE												
Coffee (Robusta, green)	X1	310.6	399.5	400.0	400.0	404.0	419.0	390.0	232.0	200.0	530.0	700.0
Cocoa (beans)	X2	300.0	400.0	400.0	400.0	400.0	200.0	200.0	200.0	200.0	315.0	320.0
Palm oil	X3	..	..	..	213.8	213.8	213.8	190.0	190.0	190.0	225.0	225.0
Rice (paddy)	F1	50.0	84.0	84.0	60.0	60.0	60.0	60.0	60.0	75.0	75.0	110.0
Maize	F2	68.0	76.0	45.0	45.0	45.0	45.0	45.0	..	..	..	..
Cassava	NT1	49.0	46.0	..	..	..	..	..	..	..	..	..
Yams	NT2	59.0	99.9	..	..	..	..	..	..	..	..	..
EGYPT												
Cotton	X1	0.3	0.6	0.7	0.9	1.3	1.7	2.0	2.4	2.4	2.1	..
Rice (96% humidity)	X2	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.5	0.6	..
Wheat (94% humidity)	F1	0.1	0.2	0.2	0.2	0.4	0.5	0.5	0.5	0.5	0.5	..
Sugarcane	F2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Broadbeans	NT1	0.2	0.5	0.6	0.6	0.6	0.7	0.9	1.1	1.0	1.0	..
EQUATORIAL GUINEA												
Cocoa (first grade dried beans)	X1	..	..	..	..	..	..	..	..	..	..	..
Coffee (Robusta, cherry)	X2	..	..	..	..	..	..	..	..	..	..	..
Cassava	NT1	..	..	..	..	..	..	..	..	..	..	..
Plantains	NT2	..	..	..	..	..	..	..	..	..	..	..
ETHIOPIA												
Coffee (Arabica, beans)	X1	2.6	3.7	4.1	4.2	4.2	4.2	3.1	3.1	..	..	..
Sesame seed	X2	..	1.1	1.1	1.3	1.3	1.4	1.7	..	..	..	..
Sorghum (mixed)	F1	..	0.5	0.4	0.5	0.5	0.5	0.8	0.8	..	..	..
Maize	F2	..	0.5	0.4	0.4	0.5	0.4	0.6	0.7	..	..	..
Barley (non-white mixed)	NT1	..	0.5	0.4	0.5	0.5	0.5	0.7	0.9	..	..	..
GABON												
Cocoa (first quality)	X1	320.0	430.0	430.0	370.0	210.0	224.0	224.0	269.0	260.0	..	..
Coffee (merchant, processed)	X2	180.0	0.0	260.0	260.0	130.0	130.0	..	150.0	147.0	..	..
Maize	F1	..	..	..	..	..	..	..	..	..	..	..
Cassava	NT1	139.5	..	..	..	..	..	..	..	..	..	..
Yams	NT3	124.5	..	..	..	..	..	..	..	..	..	..
GAMBIA, THE												
Groundnuts (unshelled)	X1	0.5	1.8	1.5	1.1	1.5	1.8	..	..	..	..	..
Cotton (seed cotton)	X2	0.5	1.3	1.5	1.6	1.8	1.9	1.9	2.0	2.0	2.2	2.2
Palm kernels	X3	0.3	0.3	..	..	..	..	..	..	..	..	..
Millet	F1	0.5	1.1	1.2	1.2	1.5	1.9	1.9	..	..	..	..
Rice (paddy)	F2	..	..	2.1	2.1	3.4	2.8	2.7	..	..	..	..
Maize	F3	..	0.0	1.2	1.2	1.4	2.1	1.9	..	..	..	..
Sorghum	F4	0.3	0.9	0.0	0.0	1.2	0.0	1.9	..	..	..	..

(Table continues on the following page)

8-1. Nominal producer prices (continued)

		Local currency per kilogram										
	Category	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
GHANA												
	Cocoa	X1	4.0	80.3	101.3	153.8	..	..	..	..	..	..
	Maize	F1	4.1	25.0	42.0	48.0	35.8	86.9	69.5	83.5	93.7	..
	Millet	F2	5.3	24.2	36.0	83.3	89.7	77.9	113.5	141.4	149.9	..
	Groundnuts	F3	8.4	..	..	..	..	..	..	..	..	..
	Cassava	NT1	1.5	8.8	10.8	12.9	10.0	10.0	15.8	22.5	25.3	..
	Plantains	NT2	1.9	15.0	18.6	43.0	45.9	27.8	26.8	35.5	91.4	..
GUINEA												
	Coffee (Robusta)	X1	49.0	400.0	400.0	..	..	..	..	..	..	..
	Palm kernels	X2	6.0	60.0	60.0	..	..	..	..	..	..	..
	Rice (paddy)	F1	9.0	..	..	..	168.0	166.0	..	..	..	..
	Maize	F2	7.0	..	..	..	130.0	144.0	..	..	..	..
	Groundnuts (unshelled)	F3	11.0	..	..	250.0	213.0	..	..	..	..	..
	Cassava	NT1	5.0	..	..	..	..	81.0	..	..	..	..
	Plantains	NT2	4.5	..	..	..	..	..	..	..	..	..
GUINEA-BISSAU												
	Cashew nuts	X1	..	38.5	125.0	230.0	350.0	450.0	550.0	1000.0	3500.0	..
	Groundnuts (unshelled, grade 1)	X2	..	32.5	40.0	80.0	140.0	225.0	275.0	500.0	1000.0	..
	Palm kernels	X3	..	..	..	..	..	..	..	..	..	..
	Rice (paddy, grade 1)	F1	8.5	37.5	50.0	85.0	180.0	225.0	400.0	650.0	1100.0	..
	Sorghum	F2	..	..	..	..	..	..	..	..	..	..
	Maize (grade 1)	F3	..	..	..	..	..	..	..	740.0	..	..
KENYA												
	Coffee (Arabica, washed bean, grade 1-6)	X1	26.4	54.8	34.1	43.0	43.1	36.4	46.5	49.4	98.9	..
	Tea	X2	15.9	33.8	25.0	26.8	27.2	35.2	38.5	47.5	92.4	..
	Sugar (cane)	X3	0.1	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.8	..
	Sisal	X4	4.2	7.4	7.1	7.4	8.9	9.2	9.4	9.8	9.9	..
	Maize	F1	1.0	2.1	2.1	2.2	2.7	2.6	3.1	4.7	8.1	..
	Wheat	F2	1.6	2.9	3.0	3.2	3.4	4.5	5.0	5.6	5.7	..
LESOTHO												
	Wheat	X1	0.2	0.4	0.5	0.5	0.6	..	..	0.8	..	..
	Beans	X2	0.5	1.1	1.3	1.3	1.4	..	..	..	..	..
	Peas	X3	0.4	0.9	0.9	1.1	1.2	1.2	..	..	..	..
	Maize	X4	0.1	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.6
	Sorghum	F1	0.2	0.2	0.3	0.3	0.3	0.3	..	0.5	0.6	..
LIBERIA												
	Rubber (nonspec. coagul.)	X1	0.8	1.0	1.0	..	..	..	..	..	..	..
	Coffee (Robusta)	X2	2.1	1.6	1.6	..	..	..	..	..	..	..
	Cocoa (fair average quality)	X3	2.1	2.3	2.3	..	..	..	..	..	..	..
	Rice	F1	0.3	0.3	0.3	0.3	..	..	..	..	..	..
	Cassava	NT1	0.0	0.1	0.1	0.1	..	..	..	..	..	..
LIBYA												
	Wheat	F1	0.0	..	..	..	..	..	..	..	..	..
	Olives	F2	..	..	..	..	..	..	..	..	..	..
	Oranges	F3	..	..	..	..	..	..	..	..	..	..
	Barley	NT1	..	..	..	..	..	..	..	..	..	..
MADAGASCAR												
	Coffee (Robusta)	X1	215.0	600.0	800.0	950.0	950.0	950.0	..	..	..	..
	Vanilla (green)	X2	600.0	1100.0	1200.0	1700.0	2000.0	2000.0	2000.0	..	..	..
	Cloves	X3	395.0	525.0	600.0	600.0	600.0	600.0	..	..	..	..
	Rice (paddy)	F1	42.5	100.0	127.5	180.0	250.0	250.0	274.0	..	..	..
	Cassava	NT1	7.0	55.0	55.0	..	..	..	124.0	..	..	..
	Sweet potatoes	NT2	..	50.0	60.0	60.0	60.0	..	116.0	..	..	..
MALAWI												
	Tobacco (flue-cured)	X1	..	..	..	..	..	..	..	..	..	..
	Tobacco (Northern division dark-fired, G2)	X1	0.4	1.0	1.0	1.1	1.7	2.5	2.8	2.8	3.5	6.0
	Tea (dry leaves)	X2	0.7	1.0	1.0	1.5	1.6	2.0	2.0	2.5	3.0	5.0
	Groundnuts (in shell)	X3	0.3	0.5	0.6	0.6	0.6	0.8	0.7	0.9	1.1	1.6
	Cotton (seed cotton)	X4	..	0.5	0.5	0.7	0.8	0.8	0.8	0.9	0.9	1.0
	Maize	F1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.5
	Sorghum	F2	0.1	0.2	0.1	0.1	0.2	0.2	0.0	0.0	0.7	0.8
	Rice (paddy, grade 1)	F3	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.9	1.5
	Cassava	NT1	0.0	..	..	0.1	0.1	0.1	..	..	..	..

(Table continues on the following page)

8-1. Nominal producer prices (continued)

		Local currency per kilogram										
	Category	1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
MALI												
	Cotton (seed cotton)	X1	55.0	85.0	85.0	85.0	85.0	85.0	85.0	..	..	..
	Groundnuts (unshelled)	X2	40.0	..	..	..	..	..	..	..	..	..
	Millet	F1	35.0	55.0	55.0	0.0	0.0	77.0	41.5	42.0	..	..
	Rice (paddy)	F2	37.5	70.0	70.0	70.0	70.0	70.0	68.0	..	..	..
	Sorghum	F3	35.0	55.0	55.0	58.0	60.0	61.0	..	..	..	..
	Maize	F4	35.0	55.0	55.0	..	..	54.0	35.0	..	..	..
MAURITANIA												
	Sorghum	F1	11.0	15.4	15.4	16.0	16.0	16.5	16.5	16.8	17.0	17.2
	Millet	F2	11.0	..	..	..	..	..	..	..	..	..
	Rice (paddy)	F3	10.0	..	..	..	..	..	..	..	..	..
	Maize	F4	15.0	..	..	..	..	..	..	..	..	..
MAURITIUS												
	Sugarcane	X1	..	..	..	..	..	..	..	..	..	..
	Tea	X2	..	9.2	7.4	10.3	10.4	13.5	13.4	16.8	16.4	..
	Maize (12% moisture)	F1	2.0	4.3	4.3	4.8	4.8	4.8	5.0	5.0	..	..
	Rice (paddy, 14% moisture)	F2	1.4	4.9	4.9	5.0	7.0	..	..	..	..	..
	Potatoes	NT1	2.2	1.9	2.5	2.5	2.8	3.1	3.7	4.1	4.7	..
	Onions	NT2	4.2	4.2	4.8	5.8	5.7	7.1	7.8	7.7	7.6	..
MOROCCO												
	Citrus (oranges)	X1	1.3	1.6	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.4
	Cotton	X3	3.2	6.0	6.0	6.0	6.7	0.0	6.7	5.7	5.7	..
	Wheat (hard)	F1	1.5	2.2	2.2	2.1	2.3	2.5	2.5	2.9	2.9	2.5
	Sugarbeet (16.5% sugar)	F2	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	..
	Barley	NT1	1.3	1.3	1.3	1.2	1.3	1.5	1.5	2.0	2.0	2.1
MOZAMBIQUE												
	Cashew nuts	X1	7.5	13.2	86.0	..	..	..	..	..	..	..
	Cotton (seed, prime grade)	X2	11.0	16.0	65.0	..	..	..	..	..	..	..
	Tea	X3	25.6	..	..	..	..	..	..	..	..	..
	Maize	F1	..	..	..	..	..	..	..	..	..	..
	Rice	F2	6.2	16.0	48.0	..	..	..	..	..	..	..
	Cassava	NT1	2.0	..	..	..	..	..	..	..	..	..
NAMIBIA												
	Wheat	F1	..	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.7	..
	Maize (white)	F2	..	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.7
NIGER												
	Cowpeas	X1	45.0	80.0	80.0	..	..	..	..	..	..	..
	Cotton (unginned, top grade)	X2	62.0	120.0	120.0	120.0	130.0	110.0	70.0	70.0	77.0	..
	Groundnuts (in shell)	X3	50.0	130.0	130.0	130.0	132.0	133.0	134.0	135.0	140.0	146.4
	Millet	F1	50.0	..	..	..	..	..	..	..	..	..
	Sorghum (red)	F2	50.0	..	..	..	..	..	..	..	..	..
NIGERIA												
	Cocoa (bean)	X1	1.3	3.5	7.5	11.0	10.1	8.5	10.2	12.7	..	..
	Palm kernels	X2	0.2	0.4	0.9	1.0	1.3	1.2	..	..	..	..
	Cotton (seed cotton)	X3	0.4	1.0	4.0	4.5	2.4	2.6	4.2	3.8	..	..
	Groundnuts (in shell)	X4	0.4	1.0	2.3	2.3	4.8	4.3	6.3	6.8	19.7	10.6
	Sorghum	F1	0.2	0.6	0.8	1.6	2.0	1.7	3.6	4.7	7.0	5.3
	Millet	F2	0.2	0.6	0.6	1.3	2.1	1.7	3.4	5.7	6.6	6.2
	Maize	F3	0.2	0.5	0.6	1.6	2.7	2.1	3.3	5.5	7.5	5.6
	Rice (paddy)	F4	0.3	1.0	2.3	3.8	6.3	6.3	7.5	12.6	18.8	12.3
	Yams	NT1	..	1.0	0.9	2.0	2.4	2.3	2.6	5.9	11.7	14.4
	Cassava (gari)	NT2	..	0.3	0.4	0.8	1.2	2.2	2.1	2.3	4.6	4.5
RWANDA												
	Coffee	X1	120.0	122.5	125.0	125.0	125.0	99.7	107.4	115.0	..	427.0
	Tea	X2	75.0	75.0	75.0	..	..	..	..	..	..	..
	Beans (dry)	F1	20.3	22.3	28.6	30.5	38.4	37.9	40.8	40.2	..	90.0
	Sorghum	F2	12.7	20.2	20.2	19.3	23.3	24.5	29.3	33.6	..	141.0
	Maize	F3	11.9	15.6	15.4	13.6	24.7	26.9	32.4	29.0	..	45.0
	Bananas	NT1	..	..	..	10.6	10.7	12.7	15.9	14.9	..	..
	Sweet potatoes	NT2	5.7	6.1	6.2	5.5	9.4	9.8	9.9	6.8	..	24.0

(Table continues on the following page)

8-1. Nominal producer prices (continued)

	Category	Local currency per kilogram										
		1980	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
SAO TOME & PRINCIPE												
Cocoa	X1	16.5	24.0	25.0	26.0	27.0	28.0	29.0	30.0	..	..	..
Maize	F1	1.9	2.5	2.6	2.6	2.7	2.7	2.8	2.8	..	..	..
Cassava	NT1	2.1	2.7	2.7	2.8	2.8	2.9	2.9	3.0	..	..	..
SENEGAL												
Groundnuts (in shell)	X1	50.0	90.0	90.0	70.0	70.0	70.0	70.0	70.0	100.0	120.0	125.0
Cotton (seed cotton, first quality)	X2	60.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	115.0	150.0	170.0
Millet	F1	40.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
Rice (paddy)	F2	41.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	90.0	..	..
Maize	F3	37.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
Sorghum	F4	40.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
SIERRA LEONE												
Cocoa	X1	2.1	17.8	30.2	30.2	..	..	..	..	..	..	..
Coffee (Robusta)	X2	2.0	25.0	40.3	..	..	..	..	..	..	..	..
Palm kernels	X3	0.2	1.1	1.3	..	..	..	..	..	..	..	..
Rice (paddy)	F1	0.4	2.8	7.4	22.2	29.0	37.0	44.4	..	..	..	..
Cassava	NT1	0.3	4.9	..	..	..	..	..	..	..	..	..
SOMALIA												
Bananas	X1	..	..	..	..	..	..	..	..	..	..	..
Maize	F1	5.5	21.4	34.5	..	..	..	..	..	..	..	..
Sorghum	F2	5.8	18.9	22.7	..	..	..	..	..	..	..	..
Sesame (seed)	NT1	25.2	61.6	76.4	..	..	..	..	..	..	..	..
SOUTH AFRICA												
Maize	X1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.6
Wheat	X2	0.2	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.8
Sugar cane	X3	0.0	0.0	0.0	0.0	..	0.1	0.1	0.1	0.1	0.1	0.0
Sorghum	F1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.5	0.4	0.4
Barley	F2	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
SUDAN												
Cotton (seed cotton, long-staple, grade 1)	X1	0.4	1.8	2.5	4.3	4.8	6.7	14.1	37.2	..	..	..
Groundnuts (El-Obeid, in shell)	X2	0.2	1.1	1.2	1.8	4.4	23.5	21.1	22.6	..	..	..
Sesame (El-Obeid, mixed)	X3	0.3	1.3	1.6	5.0	6.5	12.7	30.9	41.6	..	..	..
Gum arabic (El-Obeid)	X4	0.0	6.8	9.0	9.4	10.2	10.3	18.9	17.8	..	..	..
Sorghum	F1	0.1	0.2	0.8	0.9	1.9	11.4	6.6	11.8	..	..	..
Wheat	F2	0.2	0.7	1.0	2.3	2.9	5.7	8.3	11.4	33.3	..	..
SWAZILAND												
Sugarcane (sucrose)	X1	0.0	0.0	0.0	0.0	0.0	..	..	..	..	..	..
Citrus	X2	0.2	0.4	0.2	0.4	0.4	..	..	..	..	..	..
Pineapple	X3	0.0	0.3	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.6	0.6
Cotton (seed cotton)	X4	0.5	0.9	0.9	1.1	1.1	..	..	..	..	..	..
Maize	F1	0.1	0.3	0.3	0.3	0.4	..	..	..	..	..	..
TANZANIA												
Coffee (Arabica) (parchment)	X1	9.0	50.8	66.0	90.0	..	..	..	..	..	..	..
Cotton (seed cotton, AR)	X2	3.2	16.9	19.5	22.4	28.0	..	..	..	..	..	..
Tea (green leaves)	X3	1.5	7.6	9.9	13.4	..	..	..	..	..	..	..
Maize	F1	1.0	6.3	8.2	9.0	11.0	..	..	..	..	..	..
Sorghum	F2	1.0	4.8	6.0	0.0	0.0	..	..	..	..	..	..
Rice (paddy)	F3	1.8	9.6	14.4	17.3	19.0	..	..	..	..	..	..
Millet	F4	1.5	4.8	6.0	6.6	7.3	..	..	..	..	..	..
Cassava (grade 1, Makopa)	NT1	0.7	3.6	4.5	5.0	5.5	..	..	..	..	..	..
TOGO												
Coffee (Robusta)	X1	200.0	365.0	400.0	350.0	175.0	175.0	185.0	140.0	350.0	650.0	..
Cocoa	X2	220.0	330.0	360.0	300.0	225.0	250.0	250.0	225.0	300.0	550.0	..
Cotton (seed cotton)	X3	52.0	105.0	105.0	95.0	95.0	100.0	100.0	90.0	110.0	145.0	..
Maize	F1	68.4	73.0	72.0	79.0	60.0	61.0	58.0	73.0	43.0	62.0	..
Sorghum	F2	68.0	76.0	66.0	98.0	69.0	68.0	67.0	92.0	64.0	68.0	..
Millet	F3	66.7	59.0	61.0	87.0	72.0	58.0	75.0	87.0	61.0	52.0	..
Cassava	NT1	20.3	30.0	32.0	26.0	30.0	23.0	28.0	29.0	30.0	31.0	..
Yams	NT2	48.5	61.0	63.0	63.0	68.0	68.0	66.0	66.0	63.0	59.0	..

(Table continues on the following page)

8-1. Nominal producer prices

		<i>Local currency per kilogram</i>										
	<i>Category</i>	<i>1980</i>	<i>1986</i>	<i>1987</i>	<i>1988</i>	<i>1989</i>	<i>1990</i>	<i>1991</i>	<i>1992</i>	<i>1993</i>	<i>1994</i>	<i>1995</i>
TUNISIA												
	Olives	X1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
	Citrus (oranges)	X2	0.1	0.1	0.2	0.2	0.2	0.3	..	..	..	..
	Wheat	F1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
	Barley	NT1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
UGANDA												
	Coffee	X1	0.1	8.5	24.0	44.5	60.0	97.5	210.0	190.0	..	..
	Cotton (seed cotton)	X2	0.2	4.0	19.0	56.0	105.0	175.0	286.7	340.0	..	..
	Tea (greenleaf)	X3	0.0	5.0	10.0	20.0	35.0	38.3	45.0	70.0	..	..
	Millet	F1	0.2	7.4	17.6	30.7	109.6	134.8	142.6	294.3	..	..
	Maize	F2	0.1	4.6	11.3	26.0	82.9	72.0	80.0	225.0	..	..
	Sorghum	F3	0.1	5.4	18.3	30.5	84.6	104.0	115.3	237.3	..	..
	Cassava	NT1	0.1	2.3	9.3	22.5	35.5	39.5	76.0	163.0	..	..
	Plantains	NT2	0.1	3.9	7.5	13.6	46.9	51.2	64.5	156.7	..	..
ZAMBIA												
	Cotton (seed cotton)	X1	0.5	1.0	1.6	3.0	3.6	9.7	..	..	..	..
	Tobacco (Virginia)	X2	1.6	5.1	6.3	14.0	14.4	60.0	94.5	..	..	..
	Sunflower (seeds)	X3	0.3	0.8	1.4	1.8	3.2	6.4	11.4	..	..	..
	Maize	F1	0.1	0.6	0.9	0.9	1.2	3.2	5.6	..	..	..
	Wheat	F2	0.2	1.0	1.2	2.1	..	5.4	8.6	..	..	..
	Cassava	NT1	..	0.6	0.7	1.0	1.4	3.2	5.4	..	..	..
ZIMBABWE												
	Tobacco	X1	0.8	3.1	2.2	3.9	4.0	6.5	11.6	8.1	6.5	..
	Cotton (seed cotton)	X2	0.4	0.8	0.8	0.9	1.1	1.4	1.6	1.4	2.6	..
	Sugarcane	X3	0.0	..	..	..	..	..	..	..	..	..
	Maize	X4	0.1	0.2	0.2	0.2	0.2	0.3	0.6	0.9	..	..
	Wheat	F1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	1.0	1.5	..

Notes: The categories of crops are defined in the technical notes.

Categories are mutually exclusive, and ordering is intended to reflect relative importance of these crops as of 1986-88. In many cases official markets operate simultaneously with parallel or open market activities. Where a large majority of marketed production is believed to pass through the official channels, the official price is also reported as the farmgate price. In most cases, only very rough estimates of the share of marketed production passing through each channel is available.

The CPI is based in 1987 rescaled from price index based in 1980.

For each country one to four export crops (X1,...,X4) are presented in order of importance, in terms of value of total production. Similarly, up to three traded food crops (F1,...,F3) and two nontraded staples (NT1,NT2) are included.

8-2. Food price index

	Index (average 1995 = 100)										Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	7	55	62	71	71	90	100	108	124	130	..	13.9	12.1
excluding South Africa	6	57	62	69	70	89	100	109	125	131	..	13.7	12.0
excl. S.Africa & Nigeria	7	59	63	71	71	89	100	108	124	130	..	13.6	11.5
Angola	..	..	0	0	0	4	100	3,954	7,968	..	..	..	1,216.9
Benin	..	62	67	73	78	84	100	100	103	118	..	..	8.2
Botswana	18	55	61	72	83	90	100	113	125	132	..	9.6	12.1
Burkina Faso	..	80	87	81	76	89	100	115	..	..	..	-2.6	4.4
Burundi	35	69	74	73	72	85	100	..	..	..	..	3.3	6.3
Cameroon	..	..	..	..	..	..	..	..	..	..	..	..	..
Cape Verde	..	..	..	..	..	..	..	..	..	..	..	..	..
Central African Republic	0	71	69	68	65	81	100	106	107	..	..	-2.1	6.4
Chad	..	70	71	73	63	95	100	114	124	128	..	..	9.6
Comoros	..	..	..	..	..	..	..	..	..	..	..	..	..
Congo, Democratic Rep. of	..	..	..	..	..	..	..	..	..	..	..	..	..
Congo, Republic of	42	67	65	59	63	94	100	107	..	..	..	-1.0	8.0
Côte d'Ivoire	..	..	..	..	..	..	..	..	..	..	..	..	..
Djibouti	..	..	..	..	..	..	..	..	..	..	..	..	..
Equatorial Guinea	..	..	..	..	..	..	..	..	..	..	..	..	..
Eritrea	..	..	..	..	..	..	..	..	..	..	..	..	..
Ethiopia	34	51	71	80	81	89	100	95	91	93	..	0.4	7.8
Gabon	..	84	83	69	70	93	100	107	..	..	..	0.1	4.5
Gambia, The	14	73	79	86	93	92	100	101	103	..	..	24.8	5.9
Ghana	1	33	36	39	49	62	100	136	..	..	..	23.1	26.6
Guinea	..	60	70	81	88	93	100	101	..	..	..	..	11.2
Guinea-Bissau	..	..	..	..	..	..	..	..	..	..	..	..	..
Kenya	0	32	40	54	78	102	100	108	125	130	..	..	19.4
Lesotho	15	52	61	76	84	89	100	111	..	..	..	12.9	13.4
Liberia	..	..	..	..	..	..	..	..	..	..	..	..	..
Madagascar	7	34	38	44	47	66	100	119	124	131	..	13.8	20.5
Malawi	5	20	23	30	37	52	100	145	157	..	..	21.1	35.0
Mali	..	..	..	..	..	..	..	..	..	..	..	..	..
Mauritania	..	..	..	..	..	..	..	..	..	..	..	..	..
Mauritius	..	71	74	76	87	95	100	105	..	..	..	6.7	7.5
Mozambique	..	..	..	..	..	..	..	..	..	..	..	..	..
Namibia	..	59	62	74	79	90	100	107	115	118	..	14.3	10.3
Niger	..	..	..	..	..	..	..	..	..	..	..	..	..
Nigeria	4	26	29	43	68	100	100	224	243	259	..	23.1	35.0
Rwanda	..	..	..	..	..	..	..	..	..	..	..	..	..
São Tomé and Príncipe	..	..	..	..	..	..	..	..	..	..	..	..	..
Senegal	43	70	68	67	66	91	100	102	..	..	..	0.6	6.6
Seychelles	..	..	..	..	..	..	..	..	..	..	..	..	..
Sierra Leone	..	..	..	..	..	..	..	..	..	..	..	..	..
Somalia	..	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	12	51	60	76	81	92	100	106	116	123	..	17.3	12.2
Sudan	..	..	..	..	..	..	..	..	..	..	..	..	..
Swaziland	..	..	..	..	..	..	..	..	..	..	..	..	..
Tanzania	3	31	38	46	57	75	100	120	141	162	..	31.3	23.4
Togo	..	..	..	..	..	..	..	..	..	..	..	..	..
Uganda	..	47	58	96	92	96	100	107	..	..	..	..	13.4
Zambia	0	3	5	17	50	75	100	146	176	219	..	57.7	80.1
Zimbabwe	6	23	29	45	62	78	100	127	149	208	..	11.8	30.7
NORTH AFRICA	23	63	71	75	85	92	100	106	110	114	..	10.1	8.3
Algeria	13	29	35	43	54	76	100	120	127	134	..	9.7	23.7
Egypt, Arab Republic	11	61	71	77	83	91	100	108	112	116	..	21.6	9.1
Libya	..	..	..	..	..	..	..	..	..	..	..	..	..
Morocco	32	65	70	74	87	93	100	101	100	103	..	3.7	6.6
Tunisia	34	76	83	86	89	92	100	104	108	111	..	7.4	5.0
ALL AFRICA	12	59	63	73	74	90	100	108	124	129	..	14.2	11.4

8-3. Food production index

	Index (average 1989-91 = 100)											Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	78	101	108	107	112	115	118	124	123	129	131	0.9	4.1	2.8
excluding South Africa	77	101	109	109	113	116	120	126	125	132	134	0.9	4.1	3.0
excl. S.Africa & Nigeria	81	100	106	104	107	110	114	118	118	123	124	1.0	3.2	2.3
Angola	91	98	104	111	109	125	123	128	123	148	141	-0.7	1.2	4.1
Benin	62	99	106	109	111	116	126	135	142	149	154	3.1	3.7	5.1
Botswana	73	100	107	103	104	90	106	106	102	96	99	0.7	-1.9	0.0
Burkina Faso	59	93	110	115	121	120	121	129	120	136	136	2.4	6.7	3.4
Burundi	79	103	105	108	107	90	97	98	97	92	92	0.3	3.4	-0.9
Cameroon	80	100	104	103	110	113	120	124	119	125	126	0.6	2.0	2.9
Cape Verde	55	103	90	83	133	105	126	125	131	140	139	1.8	21.3	4.1
Central African Republic	80	100	100	107	108	112	115	129	126	129	135	2.0	4.9	3.4
Chad	94	91	112	114	98	119	120	125	135	158	154	1.0	3.9	5.1
Comoros	84	100	104	103	108	109	115	113	113	123	118	0.6	3.9	2.2
Congo, Democratic Rep. of	73	101	103	105	105	107	109	95	98	95	92	2.3	3.3	-0.7
Congo, Republic of	82	101	98	101	103	111	115	116	111	116	119	2.3	1.8	2.0
Côte d'Ivoire	70	101	102	105	109	110	124	128	131	129	130	4.1	3.7	3.4
Djibouti	54	108	78	82	76	82	84	86	83	87	88	10.9	9.2	-1.6
Equatorial Guinea	88	101	100	100	103	96	89	99	92	94	100	0.0	2.1	-0.6
Eritrea	..	..	..	..	89	120	111	102	101	148	127	..	..	5.1
Ethiopia	..	..	..	..	98	98	108	125	126	116	123	..	..	4.3
Gabon	80	98	105	103	101	103	105	108	107	112	115	3.0	3.0	1.4
Gambia, The	72	84	95	73	86	90	88	70	92	91	129	-1.1	3.7	0.4
Ghana	69	82	118	117	125	120	138	149	150	157	167	-1.6	4.1	6.0
Guinea	98	100	108	116	118	122	128	132	137	144	143	0.9	-1.9	4.4
Guinea-Bissau	67	103	99	105	106	111	118	115	118	120	120	3.3	2.2	2.2
Kenya	66	100	100	98	93	102	102	104	106	106	104	2.2	7.3	0.7
Lesotho	88	111	83	89	101	109	90	111	117	97	101	1.0	3.2	0.5
Liberia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madagascar	86	100	102	102	106	104	107	109	110	110	112	1.1	1.0	1.3
Malawi	91	98	105	77	112	88	105	120	101	142	160	1.7	1.1	4.3
Mali	74	95	108	100	105	110	109	112	115	123	129	3.2	5.5	2.7
Mauritania	87	100	102	95	94	96	101	107	105	107	106	2.8	3.5	0.9
Mauritius	78	101	101	106	105	99	105	108	117	112	83	-0.3	1.8	0.1
Mozambique	101	107	94	81	93	91	109	123	130	139	140	-1.4	1.1	4.4
Namibia	109	96	103	105	108	114	110	118	129	96	96	-2.6	5.4	0.6
Niger	100	100	108	111	95	119	106	120	124	145	138	2.7	6.4	3.9
Nigeria	58	97	110	117	123	127	132	140	136	149	154	0.6	7.1	4.9
Rwanda	83	96	107	106	79	59	66	70	80	85	91	4.1	0.3	-2.4
São Tomé and Príncipe	112	97	99	123	127	131	118	137	133	152	163	-2.5	0.5	4.7
Senegal	59	96	100	93	103	105	117	108	98	101	121	-3.6	8.5	1.2
Seychelles	132	96	102	100	93	116	143	138	144	128	135	-0.2	-6.0	4.3
Sierra Leone	85	100	100	93	92	98	92	97	101	94	81	0.8	2.1	-1.1
Somalia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	91	98	100	85	96	101	87	103	102	98	103	0.6	4.2	0.4
Sudan	103	92	113	127	116	140	141	155	157	157	154	1.3	1.2	5.7
Swaziland	82	97	105	99	94	98	88	97	96	89	90	3.3	1.2	-1.0
Tanzania	74	100	100	95	97	96	101	103	94	104	106	3.6	2.2	0.4
Togo	76	103	98	101	120	104	117	136	141	133	144	1.2	3.6	4.3
Uganda	67	101	103	104	110	107	111	103	106	114	116	-1.6	3.7	1.4
Zambia	75	94	97	81	117	101	93	113	107	93	103	-1.5	8.3	0.4
Zimbabwe	76	104	96	65	89	100	75	107	108	98	108	-1.6	4.2	1.2
NORTH AFRICA	72	104	115	113	114	116	118	143	131	141	144	1.7	4.9	3.7
Algeria	69	93	113	120	113	105	121	143	116	129	135	0.2	4.1	3.3
Egypt, Arab Republic	68	101	105	111	114	115	126	138	142	144	151	2.1	4.4	4.9
Libya	82	101	103	102	103	111	125	134	126	157	164	4.9	0.8	5.4
Morocco	58	93	107	83	83	108	73	114	97	111	97	2.0	10.3	0.7
Tunisia	73	97	123	105	117	85	83	143	98	123	131	0.5	-0.5	2.8
ALL AFRICA	76	101	109	108	112	115	118	128	124	131	134	1.0	4.2	3.0

8-4. Nonfood production index

	Index (average 1989-91 = 100)											Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	83	99	101	97	94	97	100	105	107	106	101	1.8	1.0	0.7
excluding South Africa	82	99	101	100	95	98	100	109	109	109	101	2.2	1.3	0.8
excl. S.Africa & Nigeria	83	99	101	97	95	99	100	105	107	106	101	1.9	1.1	0.7
Angola	209	93	95	89	95	85	90	90	94	97	72	-19.4	-0.8	-1.9
Benin	12	100	126	117	195	174	219	280	261	253	253	8.1	3.9	13.5
Botswana	100	100	100	100	100	100	100	100	81	75	77	0.0	0.0	-2.8
Burkina Faso	35	111	100	100	92	95	91	125	205	194	194	8.9	10.5	8.2
Burundi	59	97	107	113	87	112	79	72	54	58	86	5.3	3.4	-5.0
Cameroon	86	95	105	91	92	91	108	100	99	109	110	3.5	0.9	1.1
Cape Verde	94	95	36	21	21	21	21	21	21	21	21	-3.0	6.1	-15.3
Central African Republic	89	102	92	73	60	94	85	130	137	110	71	-0.5	-0.5	0.9
Chad	51	97	109	76	65	73	99	138	138	166	166	-4.4	11.2	6.9
Comoros	64	114	72	79	65	79	86	79	69	103	93	-5.0	4.6	-1.1
Congo, Democratic Rep. of	105	103	98	94	92	90	87	88	76	67	56	0.6	-3.6	-4.9
Congo, Republic of	156	93	92	93	91	92	94	78	71	69	75	0.0	-5.1	-4.0
Côte d'Ivoire	77	107	91	67	76	81	84	81	114	131	139	0.2	12.5	3.2
Djibouti	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Equatorial Guinea	92	100	93	85	85	78	70	63	54	52	55	2.2	0.4	-7.3
Eritrea	..	..	..	..	96	99	98	101	100	102	101	..	..	0.8
Ethiopia	..	..	..	..	92	101	109	109	109	110	111	..	..	2.6
Gabon	36	69	78	67	93	124	142	209	284	307	307	19.5	21.2	15.7
Gambia, The	55	73	95	123	157	135	84	79	51	25	25	22.5	3.9	-13.7
Ghana	86	90	137	174	239	170	184	244	253	321	321	-6.0	4.4	14.3
Guinea	48	100	111	120	120	117	112	96	105	127	127	0.9	11.1	1.9
Guinea-Bissau	111	109	103	66	83	75	109	109	100	100	100	25.0	-7.5	1.4
Kenya	62	101	101	94	99	98	114	117	104	120	108	6.1	4.5	1.7
Lesotho	87	111	105	176	176	176	180	116	116	78	85	2.0	-9.1	-1.7
Liberia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madagascar	90	101	93	86	91	89	83	84	77	83	85	-1.0	0.9	-2.3
Malawi	59	99	110	108	120	93	120	132	141	115	109	6.3	2.0	2.5
Mali	38	105	105	123	92	117	154	172	197	190	190	5.1	11.8	8.7
Mauritania	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mauritius	84	99	102	103	105	92	73	51	38	33	34	5.0	-5.6	-12.3
Mozambique	251	90	122	116	117	124	123	124	160	192	193	-6.7	-4.4	7.5
Namibia	276	110	75	88	96	123	115	109	121	119	120	-6.7	-1.0	2.4
Niger	84	84	89	131	89	86	86	86	82	82	81	-5.3	4.4	-3.1
Nigeria	41	105	112	117	85	86	101	116	122	126	129	-8.0	23.7	3.1
Rwanda	61	107	94	117	91	25	65	63	73	76	79	6.4	3.6	-4.3
São Tomé and Príncipe	321	198	59	70	107	118	134	161	214	268	311	1.1	-20.6	16.6
Senegal	51	91	131	124	129	121	83	82	105	87	62	2.1	-2.4	-2.9
Seychelles	21	108	119	110	121	121	111	110	133	123	128	7.6	6.7	3.3
Sierra Leone	44	100	101	101	96	106	97	97	114	114	60	11.2	5.0	-1.5
Somalia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	107	98	99	80	69	73	66	66	60	62	67	0.7	0.0	-5.3
Sudan	100	84	99	81	84	114	127	128	113	103	100	-1.6	-7.4	1.6
Swaziland	85	92	93	21	36	27	25	55	63	64	64	-3.4	12.1	-3.6
Tanzania	100	94	124	126	106	97	126	134	132	98	101	-2.2	0.1	1.5
Togo	34	90	123	126	124	121	105	129	148	161	167	5.1	20.5	5.6
Uganda	82	88	104	84	107	141	131	199	159	153	158	-5.8	0.7	6.9
Zambia	49	78	113	60	134	68	100	87	61	62	63	5.1	7.4	-4.5
Zimbabwe	77	90	110	101	117	106	104	129	137	153	129	2.1	1.8	4.1
NORTH AFRICA	84	102	100	98	97	92	91	95	100	94	95	4.1	-0.2	-0.6
Algeria	84	101	97	102	103	98	96	91	91	94	97	5.1	-0.7	-0.9
Egypt, Arab Republic	171	100	101	121	135	86	85	115	114	80	84	0.6	-6.5	-1.8
Libya	105	102	100	98	97	94	100	108	110	112	113	0.2	-1.6	1.4
Morocco	46	102	99	94	89	92	91	95	100	104	95	0.9	6.2	-0.1
Tunisia	73	103	102	92	87	74	75	74	74	76	72	3.8	3.8	-3.7
ALL AFRICA	84	100	101	98	95	95	99	101	105	103	100	2.5	0.7	0.4

8-5. Food production per capita index

	Index (average 1989-91 = 100)											Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	105	100	100	97	96	95	97	98	95	96	94	-1.5	0.5	-0.5
excluding South Africa	105	100	100	97	96	96	97	98	95	99	96	-1.5	0.5	-0.4
excl. S.Africa & Nigeria	105	100	100	97	96	95	97	98	95	96	94	-1.6	0.4	-0.6
Angola	120	98	100	103	99	109	104	105	102	113	105	-3.3	-1.6	0.8
Benin	84	99	103	103	102	104	110	115	126	120	121	0.3	0.6	2.5
Botswana	103	100	104	97	95	80	92	89	78	78	79	-2.8	-5.2	-2.7
Burkina Faso	77	93	107	109	111	108	105	109	102	109	106	-0.1	3.8	0.7
Burundi	104	103	102	103	99	81	86	85	83	77	76	-2.1	0.5	-3.0
Cameroon	107	100	101	97	101	101	104	105	100	100	99	-2.1	-0.9	0.1
Cape Verde	65	103	88	79	125	96	113	110	107	117	113	0.8	19.1	1.7
Central African Republic	102	100	98	102	101	102	103	113	108	109	112	-0.4	2.4	1.2
Chad	120	91	109	107	90	105	103	105	110	125	119	-1.3	1.6	2.1
Comoros	113	100	101	97	100	98	100	95	95	99	92	-3.0	1.0	-0.6
Congo, Democratic Rep. of	101	101	99	97	93	91	90	76	74	72	68	-0.8	0.1	-4.1
Congo, Republic of	108	101	95	95	94	99	99	97	93	93	92	-0.5	-1.1	-0.8
Côte d'Ivoire	100	101	99	99	99	97	107	108	108	105	104	0.2	0.3	0.8
Djibouti	98	107	74	76	68	71	72	72	72	72	71	4.0	2.9	-3.8
Equatorial Guinea	142	101	98	96	95	87	78	85	76	77	80	-2.2	-1.0	-3.1
Eritrea	..	..	..	..	85	112	101	89	89	119	99	..	..	1.6
Ethiopia	..	..	..	..	90	87	94	106	104	94	97	..	..	1.7
Gabon	109	98	102	97	93	92	91	91	91	90	90	-0.1	-0.1	-1.3
Gambia, The	102	84	91	67	77	77	72	56	71	68	93	-4.0	-0.5	-3.2
Ghana	97	82	115	110	114	106	118	124	117	125	128	-4.0	0.9	2.9
Guinea	127	100	104	106	102	102	103	105	108	113	112	-0.8	-4.3	1.3
Guinea-Bissau	81	103	97	100	99	102	105	101	101	101	98	-0.5	0.2	0.0
Kenya	94	100	97	92	85	90	89	88	88	86	83	-1.6	3.6	-1.9
Lesotho	112	111	81	84	94	99	80	97	99	81	83	-1.5	0.7	-1.7
Liberia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madagascar	113	100	99	96	96	91	91	89	89	85	84	-1.5	-1.7	-1.9
Malawi	137	97	103	75	109	85	100	113	106	127	140	-1.4	-4.2	3.3
Mali	96	95	106	95	98	101	97	97	95	102	104	0.8	3.2	0.2
Mauritania	114	100	99	90	86	86	88	91	87	86	83	0.3	0.7	-1.8
Mauritius	86	101	100	104	101	95	100	102	108	104	77	-1.7	1.0	-0.9
Mozambique	119	107	92	76	83	77	89	98	100	105	104	-4.1	0.3	0.8
Namibia	142	96	100	100	99	103	96	101	71	78	77	-5.2	2.5	-3.1
Niger	139	100	105	104	86	104	89	99	76	112	103	-0.6	3.1	-0.2
Nigeria	77	98	107	111	114	115	116	120	120	122	123	-2.2	4.2	2.5
Rwanda	111	95	110	117	95	75	86	88	90	89	87	0.8	-3.5	-1.8
São Tomé and Príncipe	142	96	97	118	118	119	105	120	121	128	134	-5.1	-1.8	2.6
Senegal	78	95	97	88	95	95	103	93	85	82	96	-6.3	5.5	-1.3
Seychelles	146	96	101	98	90	110	136	130	133	118	122	-1.3	-7.2	3.2
Sierra Leone	105	99	99	91	90	95	87	90	91	82	69	-1.2	-0.3	-2.7
Somalia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	112	98	98	81	91	93	79	92	91	85	88	-1.6	2.1	-1.4
Sudan	132	92	110	122	110	129	128	137	134	133	128	-1.7	-1.2	3.5
Swaziland	110	97	102	94	86	87	76	82	72	71	69	0.3	-1.8	-4.1
Tanzania	102	100	97	89	88	84	86	85	79	83	83	0.4	-0.9	-2.3
Togo	102	103	95	95	109	92	101	114	116	107	112	-1.5	0.6	1.4
Uganda	84	101	100	98	101	96	97	87	87	91	91	-4.5	1.5	-1.4
Zambia	94	94	95	77	109	92	82	98	82	77	83	-4.3	5.7	-2.3
Zimbabwe	105	104	94	62	83	92	68	95	97	85	92	-4.6	0.8	-0.5
NORTH AFRICA	92	97	105	101	105	101	107	122	96	107	113	-1.5	2.0	1.2
Algeria	92	93	110	114	105	96	107	124	96	107	109	-2.9	1.3	0.9
Egypt, Arab Republic	88	101	103	106	107	106	114	122	127	123	127	-0.3	1.8	2.9
Libya	119	100	101	97	96	101	111	116	124	130	132	0.4	-2.5	3.3
Morocco	72	93	105	80	79	102	68	104	86	97	83	-0.3	8.1	-1.0
Tunisia	93	97	121	101	110	79	76	129	87	107	113	-2.1	-2.6	1.0
ALL AFRICA	104	100	100	97	96	96	97	99	95	100	97	-1.4	0.6	-0.3

8-6. Volume of food output, by major food crop

	Thousands of metric tons											* Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
ALGERIA														
Wheat	1,511	750	1,869	1,837	1,017	714	1,500	2,983	662	2,280	1,100	0.1	0.6	0.2
Citrus	422	281	324	362	361	376	323	334	351	418	454	-0.4	0.0	0.2
Dates	201	206	209	261	262	317	285	361	303	387	428	0.6	0.5	0.3
Barley	794	833	1,810	1,398	408	234	585	1,800	191	700	410	0.5	0.7	-0.3
Potatoes	591	809	1,077	1,158	1,065	716	1,200	1,150	948	1,100	996	0.1	1.1	0.0
ANGOLA														
Maize	360	180	299	320	275	201	211	398	370	505	428	-0.3	0.0	0.3
Millet	57	63	67	75	40	60	61	102	62	89	102	-0.3	0.4	0.2
Cassava	1,150	1,600	1,640	1,861	1,861	2,379	2,550	2,500	2,326	3,211	3,130	-0.2	0.3	0.3
Sweet potatoes	165	165	170	180	185	180	185	188	189	190	182	0.0	0.0	0.1
BENIN														
Palm oil	34	20	14	14	14	9	11	10	10	10	10	-0.3	-0.7	-0.3
Maize	271	410	431	460	483	492	576	556	728	662	823	0.5	-0.6	0.3
Sorghum	56	99	115	110	106	113	108	110	120	138	154	-0.3	0.3	0.1
Cassava	583	937	1,046	1,041	1,147	1,146	1,238	1,457	1,926	1,989	2,377	0.1	-0.2	0.4
Yam	694	1,046	1,178	1,125	1,185	1,250	1,286	1,342	1,514	1,584	1,771	0.3	0.1	0.2
BOTSWANA														
Livestock (1,000 head	149	317	349	300	250	238	250	240	250	240	250	-0.5	0.8	-0.1
Onions ,dry	1	1	1	1	1	1	1	1	1	1	1	-5.6	0.0	-0.1
Sorghum	29	38	33	16	38	37	38	78	17	9	13	-2.1	2.3	-0.4
Maize	12	12	15	3	4	11	2	20	12	1	5	-2.3	4.3	-0.5
Millet	2	2	1	1	2	4	1	8	2	1	1	-1.4	-1.7	0.2
BURKINA FASO														
Groundnuts	54	134	99	143	206	203	213	230	152	215	215	0.1	0.2	0.3
Sorghum	547	751	1,238	1,292	1,310	1,232	1,266	1,254	1,094	1,203	1,203	0.1	0.5	0.1
Millet	351	449	849	784	899	831	734	811	737	973	973	0.2	0.7	0.2
Maize	105	258	315	341	271	350	212	294	332	378	378	0.6	1.0	0.1
Rice	40	48	39	47	54	61	84	95	99	89	89	0.1	-1.2	0.4
BURUNDI														
Maize	9	13	13	14	13	11	14	11	17	11	10	0.1	0.4	-0.1
Sorghum	52	64	65	67	65	45	66	66	68	67	60	1.1	0.4	0.0
Rice	10	40	40	40	40	38	27	42	65	41	59	0.3	1.2	0.1
Millet	9	13	13	14	13	11	14	11	17	11	10	0.1	0.4	-0.1
Bananas	1,100	1,547	1,586	1,626	1,586	1,487	1,421	1,545	1,543	1,399	1,511	-0.1	0.4	0.0
Cassava	400	569	584	598	584	527	501	549	603	622	617	0.1	0.2	0.0
CAMEROON														
Maize	414	369	495	430	430	430	650	750	600	550	600	-0.1	0.1	0.2
Sorghum	331	329	400	380	390	350	460	439	400	500	500	0.3	-0.5	0.2
Millet	100	63	63	55	60	50	66	71	71	71	71	0.2	0.0	0.1
Rice	46	55	90	52	79	80	62	54	65	65	65	0.4	-0.3	0.0
Cassava	980	1,588	1,500	1,500	1,550	1,500	1,400	1,700	1,700	1,500	1,500	0.2	-0.2	0.0
Plantains	1,020	870	870	900	930	950	970	1,000	1,030	1,030	1,000	0.3	-0.2	0.0
CENTRAL AFRICAN REP														
Sorghum	36	20	18	21	20	21	22	26	28	29	29	0.2	-0.3	0.1
Maize	41	57	58	59	58	63	71	76	83	88	95	0.1	0.3	0.2
Groundnuts	123	80	63	71	72	79	86	91	97	102	110	0.0	0.0	0.1
Cassava	920	547	586	580	575	518	492	526	579	608	559	0.0	-0.5	0.0
Yam	150	230	230	260	260	280	320	340	340	360	360	0.0	0.1	0.2
CHAD														
Sorghum	250	280	286	387	306	379	437	453	521	637	637	-0.5	0.1	0.4
Millet	200	168	226	293	212	307	228	258	248	366	366	-0.5	0.6	0.3
Groundnuts	99	108	230	224	190	207	293	305	352	471	471	0.0	0.5	0.5
COMOROS														
Bananas	32	50	54	54	55	57	56	57	58	59	59	0.2	0.7	0.1
Cassava	33	45	45	47	48	48	49	50	51	52	53	-0.2	1.3	0.1
CONGO														
Maize	9	5	5	5	5	5	5	5	4	2	2	-0.7	0.5	-0.6
Cassava	628	700	585	600	632	740	790	791	780	791	800	0.2	0.1	0.1
Plantains	56	68	70	73	75	78	77	76	76	77	78	0.4	0.3	0.1
COTE D'IVOIRE														
Palm oil	189	250	264	290	283	285	249	267	249	240	242	0.1	0.4	0.0
Rice	420	660	687	714	890	988	1,045	833	1,287	1,197	1,162	0.0	0.3	0.3
Maize	380	497	515	517	529	517	552	569	576	573	571	0.4	-0.2	0.1
Cassava	1,010	1,393	1,465	1,502	1,509	1,564	1,641	1,653	1,699	1,692	1,673	0	0	0
Yams	2,040	2,528	2,690	2,758	2,771	2,824	2,894	2,924	2,986	2,921	2,923	0	0	0

(Table continues on the following page)

8-6. Volume of food output, by major food crop (continued)

	Thousands of metric tons											* Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
EGYPT														
Rice	2,382	3,167	3,448	3,910	4,161	4,583	4,788	4,895	5,480	4,450	5,816	0.1	0.2	0.3
Wheat	1,736	4,268	4,483	4,618	4,833	4,437	5,722	5,735	5,849	6,093	6,347	0.1	1.1	0.2
Sugarcane	8,618	11,095	11,624	11,708	12,412	13,822	14,105	13,958	13,726	14,353	15,325	0.1	-0.2	0.1
Dry Broadbeans	213	451	466	382	438	357	392	442	476	523	307	-0.1	0.7	-0.1
EQUATORIAL GUINEA														
Cassava	32	45	46	47	47	47	47	48	45	43	45	0.0	0.1	0.0
Sweet Potatoes	21	30	35	35	35	35	35	36	35	34	36	0.1	0.2	0.1
ETHIOPIA														
Sorghum	-	-	-	-	628	703	1,141	1,808	2,040	1,083	1,340	..	..	0.3
Maize	-	-	-	-	1,456	1,396	1,990	3,164	2,987	2,344	2,840	..	..	0.3
Barley	-	-	-	-	787	875	986	1,125	953	983	970	..	..	0.1
Sugarcane	-	-	-	-	1,700	1,200	1,200	1,582	1,490	1,650	2,200	..	..	0.2
GABON														
Oil palm	2	4	7	7	8	8	7	7	7	6	6	0.0	0.2	0.2
Maize	10	23	24	25	27	28	29	30	31	31	31	0.3	1.0	0.2
Cassava	250	210	222	230	207	211	215	215	218	220	225	0.2	0.2	0.0
Yam	79	110	110	120	110	125	130	135	140	145	150	0.3	0.2	0.2
Plantains	175	220	291	253	238	243	248	260	270	275	280	0.3	0.0	0.1
GAMBIA, THE														
Groundnuts	60	75	84	55	77	81	75	46	78	73	126	-0.3	0.5	0.0
Palm oil	3	3	3	3	3	3	3	3	3	3	3	0.0	0.0	0.0
Millet	15	47	58	46	52	53	54	61	66	65	76	0.7	0.4	0.2
Rice	43	21	21	19	12	20	19	18	17	27	29	0.9	-0.7	0.1
Maize	6	14	20	18	24	13	14	10	8	13	21	0.7	0.1	-0.1
Sorghum	5	8	12	12	9	9	12	14	13	10	18	0.5	-0.3	0.2
GHANA														
Maize	382	553	932	731	961	940	1,034	1,008	996	1,035	1,014	0.2	-0.1	0.2
Millet	82	75	112	133	198	168	201	193	144	172	160	-0.2	1.0	0.2
Groundnuts	142	113	67	100	140	176	168	162	154	212	212	0.2	0.3	0.3
Cassava	1,858	2,717	5,701	5,662	5,973	6,025	6,612	7,111	7,000	7,227	7,845	0.1	0.5	0.3
Plantains	734	799	1,178	1,082	1,322	1,475	1,638	1,823	1,818	1,893	2,046	-0.4	-0.3	0.4
GUINEA														
Palm oil	40	41	43	40	48	50	50	55	55	50	50	0.1	0.0	0.1
Rice	480	424	501	512	531	544	631	673	716	764	750	0.0	-0.3	0.3
Maize	90	74	80	88	85	83	79	82	85	89	89	0.3	-0.6	0.1
Groundnuts	84	78	104	139	128	126	132	145	158	174	174	0.0	-0.6	0.4
Cassava	480	372	437	512	550	525	601	667	732	812	812	-0.3	-0.9	0.4
Plantains	350	385	385	405	410	420	425	435	430	429	429	0.2	0.0	0.1
GUINEA-BISSAU														
Groundnuts	30	18	15	16	18	18	18	17	18	18	18	-0.1	-1.1	0.0
Palm kernels	9	7	10	8	7	8	8	8	8	8	8	0.1	-0.4	0.0
Rice	42	123	123	124	126	131	133	120	125	130	130	-0.1	0.0	0.0
Sorghum	18	11	13	11	14	14	16	22	19	21	21	1.0	-1.3	0.3
Maize	12	14	13	10	13	14	15	9	9	9	9	0.6	0.2	-0.2
KENYA														
Sugarcane	4,532	4,750	4,600	4,180	4,370	3,800	4,550	4,650	4,450	4,900	5,200	0.7	0.2	0.0
Maize	1,620	2,290	2,340	2,430	2,089	3,060	2,699	2,160	2,214	2,450	2,100	-0.3	0.7	0.0
Wheat	216	190	195	126	150	297	313	320	252	315	135	0.2	0.4	0.1
LESOTHO														
Wheat	28	33	7	12	8	12	11	30	34	29	15	-1.0	1.0	0.1
Dry Beans	4	8	2	1	2	3	5	6	14	8	9	-1.3	2.0	0.3
Dry Peas	5	3	1	2	1	1	1	4	3	5	3	-0.5	-1.7	0.5
Maize	106	172	49	61	92	149	63	188	142	119	125	0.3	0.5	0.2
Sorghum	59	36	10	19	52	61	7	36	29	23	33	0.1	-0.4	0.2
LIBERIA														
Rice	243	185	130	110	65	50	56	94	168	210	210	0.0	0.0	0.0
Cassava	300	360	270	280	245	250	175	213	283	313	313	0.1	1.1	-0.1
LIBYA														
Wheat	141	129	130	125	126	120	117	124	156	165	168	0.9	-0.1	0.1
Olives	161	68	80	100	120	140	168	186	186	190	190	0.9	-1.9	0.5
MADAGASCAR														
Rice Paddy	2,109	2,420	2,342	2,450	2,550	2,357	2,450	2,500	2,558	2,447	2,637	0.0	0.1	0.0
Cassava	1,683	2,292	2,307	2,280	2,350	2,360	2,400	2,353	2,418	2,404	2,435	0.3	0.0	0.0
Sweet potatoes	373	486	488	452	500	560	450	500	510	510	520	-0.1	0.0	0.0

(Table continues on the following page)

8-6. Volume of food output, by major food crop (continued)

	Thousands of metric tons											* Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
MALAWI														
Groundnuts	177	37	58	26	55	31	32	40	69	108	100	0.0	-0.1	0.3
Maize	1,186	1,343	1,589	657	2,034	1,040	1,661	1,793	1,226	1,772	2,480	0.1	-0.2	0.2
Sorghum	20	15	19	4	22	17	45	55	40	41	60	-2.4	-0.2	0.6
Cassava	292	145	168	129	216	190	190	190	200	200	200	0.1	-0.9	0.1
MALI														
Groundnuts	144	157	180	184	127	149	215	157	134	144	144	-0.6	1.3	-0.1
Millet	407	842	737	890	582	708	898	707	739	641	641	0.1	0.9	-0.1
Rice	132	338	282	454	410	428	469	463	576	589	589	-0.3	1.4	0.3
Sorghum	356	731	531	770	602	777	746	710	540	559	559	0.2	0.6	0.0
Maize	45	225	197	257	193	283	322	264	290	341	341	-0.3	1.7	0.2
MAURITANIA														
Sorghum	28	45	58	50	92	147	157	145	58	73	75	0.1	2.2	0.2
Millet	3	3	2	2	4	7	8	8	3	3	10	0.2	2.1	0.2
Rice	11	52	42	51	65	45	53	67	81	111	102	1.5	2.1	0.3
Maize	5	2	2	3	7	6	4	14	12	11	8	0.2	-2.6	0.8
MAURITIUS														
Sugarcane	4,564	5,548	5,621	5,781	5,402	4,813	5,159	5,260	5,787	5,781	3,500	-0.1	0.3	-0.1
Potatoes	12	18	16	19	14	18	16	11	18	15	15	0.1	-0.2	-0.1
Dry Onions	2	3	3	3	4	5	6	6	5	7	7	0.8	-0.9	0.4
MOROCCO														
Citrus	1,084	1,039	1,462	1,111	1,230	1,324	997	1,393	1,229	1,597	1,312	0.3	0.0	0.1
Wheat	1,811	3,614	4,939	1,562	1,573	5,523	1,091	5,916	2,316	4,378	2,154	0.1	0.1	0.0
Sugarbeet	2,241	2,984	3,036	2,754	3,062	3,144	2,717	2,750	2,613	2,823	3,223	0.3	0.2	0.0
Barley	2,210	2,138	3,253	1,081	1,027	3,720	608	3,831	1,324	1,970	1,474	0.0	-0.5	0.0
MOZAMBIQUE														
Cashew nuts	71	23	31	54	24	23	33	65	43	52	53	-0.8	1.3	0.3
Maize	380	453	327	132	533	489	734	947	1,042	1,124	1,185	-0.2	-0.8	0.6
Rice	75	96	56	33	66	101	113	139	180	191	200	0.2	0.1	0.5
Cassava	3,600	4,590	3,690	3,239	3,511	3,352	4,178	4,734	5,337	5,639	5,650	0.1	0.0	0.2
NAMIBIA														
Wheat	2	4	6	3	6	6	3	6	6	3	3	0.9	0.3	-0.1
Maize	32	29	51	11	26	41	18	19	50	15	18	0.2	-2.9	-0.2
NIGER														
Cowpeas	266	217	381	402	168	525	184	295	192	775	641	0.4	0.1	0.4
Groundnuts	126	18	46	57	26	67	111	196	88	112	108	0.1	0.0	0.8
Sorghum	368	281	463	387	289	393	266	408	290	501	481	0.2	0.7	0.1
Millet	1,364	1,766	1,833	1,788	1,658	1,968	1,769	1,761	1,352	2,391	2,253	0.2	0.1	0.1
NIGERIA														
Groundnuts	471	992	1,361	1,297	1,323	1,453	1,579	2,278	2,531	2,534	2,783	-0.2	0.3	0.5
Palm oil	650	730	760	792	825	837	860	776	810	845	847	0.1	0.5	0.1
Sorghum	3,690	4,185	5,367	5,909	6,051	6,197	6,184	7,084	7,297	7,103	8,443	0.0	0.2	0.2
Millet	2,450	5,136	4,109	4,501	4,602	4,757	4,952	5,681	5,902	5,956	5,457	-0.2	0.4	0.1
Maize	612	5,768	5,810	5,840	6,290	6,902	7,048	5,667	5,354	5,127	5,777	-0.2	2.5	0.0
Rice	1,090	2,500	3,226	3,260	3,065	2,427	2,920	3,122	3,268	3,275	3,397	1.5	1.2	0.0
Yam	5,248	13,624	16,956	19,781	21,632	23,153	22,818	23,201	19,566	24,768	25,077	-0.3	0.4	0.3
Cassava	11,500	19,043	26,004	29,185	30,128	31,005	31,404	31,418	30,409	32,695	33,060	0.1	0.5	0.2
RWANDA														
Sorghum	179	143	205	113	128	55	77	102	122	121	108	0.2	-0.1	-0.2
Maize	85	101	104	109	74	60	71	67	83	59	55	0.2	-0.3	-0.3
Plantains	2,063	2,777	3,093	3,547	2,136	1,489	2,002	2,105	2,248	2,625	2,897	0.2	0.4	-0.1
Sweet potatoes	871	857	1,000	1,055	997	410	551	665	742	751	863	0.4	0.0	-0.1
SENEGAL														
Groundnuts	523	703	724	578	628	678	791	646	545	579	828	0.0	1.2	0.0
Millet	451	505	593	446	654	548	667	601	426	428	506	0.3	1.3	-0.1
Rice	65	181	170	177	193	162	155	149	174	124	240	0.3	0.1	0.0
Maize	57	133	103	115	138	108	107	89	60	44	66	0.2	0.3	-0.4
Sorghum	102	157	78	117	99	123	127	133	118	120	147	0.3	0.2	0.1
SIERRA LEONE														
Palm oil	47	50	51	48	47	50	45	48	51	51	36	0.1	0.0	-0.1
Palm kernels	30	29	30	31	33	32	29	31	31	31	22	-0.2	-0.2	-0.1
Rice	513	504	504	479	486	405	356	392	411	328	247	-0.2	-0.2	-0.3
Cassava	95	123	123	117	106	244	219	281	310	289	240	0.1	0.2	0.5

(Table continues on the following page)

8-6. Volume of food output, by major food crop (continued)

	Thousands of metric tons											* Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
SOMALIA														
Bananas	60	110	70	70	55	43	50	55	55	53	55	-0.3	1.0	-0.3
Maize	110	315	100	101	79	150	146	142	128	145	150	0.2	-0.1	-0.1
Sorghum	140	250	145	92	80	252	136	145	153	50	55	0.3	0.5	-0.5
Sesame	38	45	35	15	22	22	25	23	24	21	22	0.2	0.3	-0.3
SOUTH AFRICA														
Maize	11,040	9,180	8,614	3,277	9,997	13,275	4,866	10,171	10,136	7,693	7,712	0.1	1.1	0.0
Wheat	1,472	1,709	2,142	1,324	1,984	1,840	1,977	2,712	2,429	1,788	1,561	0.0	0.4	0.0
Sugarcane	14,062	18,084	20,078	12,955	11,244	15,683	16,714	20,951	22,155	22,930	21,248	-0.1	0.0	0.1
Sorghum	711	341	302	118	515	520	291	536	433	358	209	0.2	0.6	0.0
Barley	60	262	170	265	230	275	300	176	182	215	91	0.3	1.4	-0.3
SUDAN														
Groundnuts	712	123	180	380	428	714	738	815	1,104	800	980	-0.4	-0.3	0.8
Sesame	221	80	97	266	175	170	313	416	281	165	220	-0.3	0.7	0.4
Sorghum	2,084	1,180	3,581	4,042	2,386	3,648	2,450	4,179	3,159	4,781	3,045	-0.2	-1.0	0.3
Wheat	231	409	686	895	453	475	448	527	642	597	168	-0.5	0.2	-0.2
SWAZILAND														
Sugarcane	2,782	3,842	3,941	3,885	3,647	3,786	3,440	3,846	3,694	3,887	3,700	0.5	0.1	0.0
Citrus (oranges)	45	35	33	35	23	48	29	33	33	31	31	-0.1	-0.8	0.0
Maize	97	94	139	54	73	99	76	151	108	125	113	-0.1	-1.0	0.1
TANZANIA														
Maize	1,726	2,445	2,332	2,226	2,282	2,159	2,567	2,663	1,879	2,750	2,458	0.2	0.6	0.0
Sorghum	510	368	550	587	719	478	839	872	498	593	561	0.8	0.6	0.1
Rice	291	740	625	392	641	614	723	734	551	811	676	-0.1	1.2	0.1
Millet	340	200	200	263	210	218	411	367	347	206	194	0.7	0.0	0.0
Cassava	4,828	7,792	7,460	7,112	6,833	7,208	5,969	5,992	5,700	6,128	7,182	0.2	-0.3	-0.1
TOGO														
Maize	138	285	231	278	393	348	290	388	452	350	350	0.4	0.2	0.2
Sorghum	95	115	141	112	126	110	172	156	152	137	137	-0.4	-0.3	0.0
Millet	43	58	50	75	75	57	51	55	49	41	41	-1.2	0.1	-0.2
Cassava	408	593	511	452	389	412	602	548	596	579	579	0.1	-0.5	0.1
Yam	484	392	376	368	530	364	531	605	683	696	696	0.2	0.0	0.3
TUNISIA														
Olive oil	115	165	265	120	210	70	60	310	90	150	160	-0.4	0.2	0.0
Citrus	160	237	226	186	298	208	194	224	206	227	210	0.2	0.3	-0.1
Wheat	869	1,122	1,786	1,584	1,413	503	531	2,018	885	1,354	1,400	0.3	1.7	0.2
Barley	296	478	721	570	478	145	80	835	160	303	410	0.9	2.1	0.0
UGANDA														
Millet	459	560	576	634	610	610	632	440	502	642	638	-0.3	1.0	0.0
Maize	286	602	567	657	804	850	913	759	740	770	780	-0.5	0.6	0.1
Sorghum	299	360	363	375	383	390	399	298	294	420	454	-0.2	0.5	0.1
Cassava	2,072	3,420	3,229	2,896	3,139	2,080	2,224	2,245	2,291	3,204	3,400	-0.4	0.3	-0.1
Plantains	5,699	7,842	8,080	7,806	8,222	8,500	9,012	9,144	9,303	9,318	9,400	-0.4	0.3	0.1
ZAIRE														
Palm oil	168	179	180	181	182	183	186	188	166	157	157	-0.1	0.2	-0.1
Maize	594	1,008	1,023	1,053	1,130	1,184	1,225	1,101	1,167	1,215	1,100	0.2	0.4	0.1
Rice	234	392	394	403	430	426	441	357	355	363	350	0.2	0.4	-0.1
Cassava	13,087	18,715	19,366	19,780	18,890	19,102	19,378	16,887	16,973	17,060	16,500	0.1	0.3	-0.1
Plantains	1,563	2,097	2,090	2,117	2,186	2,262	2,424	2,140	1,889	1,850	1,800	0.1	0.1	0.0
ZAMBIA														
Sunflower seeds	28	20	11	1	21	10	21	27	8	6	7	0.5	-2.2	-0.2
Maize	937	1,093	1,096	483	1,598	1,021	738	1,409	960	638	856	-0.7	0.4	-0.2
Wheat	10	55	65	58	71	43	50	58	71	64	90	1.1	2.0	0.1
Cassava	290	520	570	560	620	600	590	620	702	817	850	0.4	0.4	0.2
ZIMBABWE														
Sugarcane	2,528	3,093	3,236	125	538	3,420	3,773	2,826	4,651	4,811	4,657	0.2	-0.2	0.4
Maize	1,511	1,972	1,586	362	2,012	2,326	840	2,609	2,192	1,418	1,520	-0.1	-0.7	0.1
Wheat	191	326	259	58	276	239	83	280	300	280	320	0.3	1.2	0.1

* The standard Bank least square methodology was used to compute the average annual percentage growth.

Notes: Crops shown represent same major food crops as in Table 8-1, Nominal producer prices, excluding beverages (coffee, tea, cocoa), cotton, and tobacco.

The following commodities are in their least-processed form unless otherwise indicated: groundnuts (unshelled), rice (paddy), sunflower (seeds), Citrus (total for country), Sesame (seeds), Livestock (combined total head of cattle, sheep, pigs, horses, asses and mules), Chickens/rabbits (combined total).

For South Africa, barley production is for white areas only.

Countries excluded from listing: Cape Verde, Djibouti, Eritrea, São Tomé and Príncipe, and Seychelles.

8-7. Value of agricultural exports

	Millions of U.S. dollars (current prices)									Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	12,212	10,358	9,563	9,258	9,317	11,506	13,108	14,312	13,368	1.8	2.0	4.6
excluding South Africa	9,695	8,440	7,725	7,467	7,738	9,389	10,823	11,823	10,904	2.0	0.6	4.8
excl. S.Africa & Nigeria	9,249	8,210	7,511	7,277	7,462	9,062	10,420	11,281	10,383	2.4	0.6	4.5
Angola	172	6	5	5	3	1	5	6	6	-12.8	-30.5	-7.6
Benin	55	84	86	93	83	115	201	188	198	3.0	-4.2	14.2
Botswana	51	79	90	91	96	97	132	115	115	5.2	2.7	5.9
Burkina Faso	80	116	94	86	93	80	141	123	119	5.3	5.1	5.6
Burundi	64	69	88	67	53	113	96	32	82	8.8	-4.0	-1.9
Cameroon	699	563	341	364	245	393	565	624	504	2.6	5.1	0.5
Cape Verde	0	0	0	0	0	0	0	0	0	17.7	38.3	-31.8
Central African Republic	60	45	46	33	36	37	51	28	33	6.8	3.3	-6.4
Chad	115	134	136	127	84	118	145	127	135	13.2	-7.4	0.9
Comoros	7	11	20	16	18	8	7	4	4	8.6	13.4	-16.4
Congo, Democratic Rep. of	235	141	78	83	53	93	135	102	95	-1.7	-8.5	-3.9
Congo, Republic of	13	15	14	17	9	7	11	16	15	-1.7	-15.1	2.8
Côte d'Ivoire	2,009	1,615	1,532	1,434	1,605	1,557	2,216	2,421	2,001	7.0	-2.7	4.2
Djibouti	0	0	0	0	0	0	0	0	0	96.6	18.8	-7.8
Equatorial Guinea	12	8	6	6	3	4	4	7	4	-4.0	-10.3	-6.5
Eritrea	..	..	..	..	4	4	2	2	2	..	..	..
Ethiopia	..	..	..	..	193	362	409	426	526	..	..	..
Gabon	14	3	6	7	4	5	8	10	10	13.3	-1.1	8.4
Gambia, The	28	14	12	11	15	15	16	16	12	-5.0	-22.1	2.9
Ghana	744	413	369	319	302	358	393	638	616	-5.1	3.2	5.2
Guinea	33	27	23	31	43	45	61	43	48	5.3	10.7	9.4
Guinea-Bissau	6	13	16	4	14	32	21	22	22	9.0	2.8	12.4
Kenya	693	687	641	812	975	1,044	1,153	1,165	1,157	6.5	-1.8	9.1
Lesotho	16	13	12	13	12	13	12	9	9	7.0	7.7	-7.7
Liberia	151	23	27	23	32	24	13	13	20	5.7	0.6	-16.5
Madagascar	334	176	157	143	133	237	200	138	92	2.6	-4.9	-4.8
Malawi	251	376	462	371	286	288	389	383	359	9.2	-0.6	1.5
Mali	192	251	267	266	251	239	270	312	271	12.3	3.8	1.8
Mauritania	39	44	47	48	49	31	38	40	40	7.3	-0.6	-0.6
Mauritius	302	379	365	402	367	367	420	501	405	-1.1	13.2	2.8
Mozambique	157	41	45	53	26	64	67	50	50	-8.0	1.4	3.4
Namibia	188	147	180	200	185	201	199	202	201	-8.0	18.9	3.1
Niger	86	62	65	55	48	48	45	45	45	8.4	-7.5	-4.1
Nigeria	446	230	214	189	275	327	403	542	522	-4.4	-2.5	12.9
Rwanda	66	95	85	60	52	14	42	39	38	5.5	8.6	-15.1
São Tomé and Príncipe	19	4	4	4	4	5	2	3	3	0.1	-9.9	-5.5
Senegal	115	219	135	126	91	126	115	87	58	-5.6	7.7	-12.7
Seychelles	3	1	1	1	1	1	2	2	2	-1.8	-16.3	16.3
Sierra Leone	59	18	24	11	9	21	15	16	14	-0.3	-11.6	-3.9
Somalia	125	74	41	62	60	68	75	76	76	4.9	3.6	2.4
South Africa	2,517	1,918	1,838	1,792	1,580	2,118	2,284	2,489	2,464	0.6	10.6	3.7
Sudan	553	550	381	367	455	471	501	565	556	1.9	5.8	0.3
Swaziland	211	347	339	306	265	283	291	311	300	6.7	20.8	0.0
Tanzania	406	279	243	281	303	379	431	496	400	-0.2	-0.6	7.5
Togo	77	120	101	125	75	76	127	133	128	5.4	4.8	2.7
Uganda	344	173	167	134	180	425	469	491	405	1.1	-7.4	13.9
Zambia	13	24	29	36	27	16	32	46	50	-8.1	10.3	8.7
Zimbabwe	453	750	731	584	617	1,177	895	1,207	1,157	4.4	5.0	9.1
NORTH AFRICA	1,544	1,406	1,591	1,396	1,313	1,708	1,892	1,876	1,895	-2.1	1.0	5.0
Algeria	120	50	54	76	97	35	108	137	91	-12.7	-9.2	13.2
Egypt, Arab Republic	677	427	391	401	360	553	536	521	442	-1.9	-6.9	1.4
Libya	0	0	0	0	0	0	0	0	0	-58.1	3.9	26.4
Morocco	606	647	670	581	509	598	780	896	832	0.4	11.9	5.5
Tunisia	140	282	477	338	347	523	468	322	530	-2.7	8.0	7.8
ALL AFRICA	13,756	11,764	11,154	10,654	10,630	13,214	15,000	16,188	15,263	1.2	1.9	4.6

8-8. Cereal production

	Thousands of metric tons											Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	49,742	63,780	69,586	60,572	78,464	84,333	77,127	90,204	86,379	86,140	85,396	-0.6	8.0	3.2
excluding South Africa	36,369	52,226	58,296	55,527	65,671	68,366	69,635	76,553	73,149	76,042	75,535	0.0	7.3	4.0
excl. S.Africa & Nigeria	28,581	34,548	39,681	35,930	45,580	47,993	47,122	54,888	51,296	54,002	53,130	-0.3	5.7	4.7
Angola	435	249	372	402	322	285	296	525	457	621	550	-6.0	-1.4	7.8
Benin	346	546	587	609	627	646	725	714	906	867	890	3.0	2.0	5.5
Botswana	44	53	50	20	44	52	42	106	31	12	20	-20.5	60.0	-9.3
Burkina Faso	1,048	1,518	2,455	2,477	2,552	2,492	2,308	2,470	2,274	2,662	2,662	0.3	10.9	3.2
Burundi	217	293	300	306	300	225	269	273	305	261	265	3.9	5.4	-1.2
Cameroon	892	816	1,048	917	959	910	1,238	1,314	1,296	1,425	1,455	-1.6	3.5	6.1
Cape Verde	9	11	8	10	12	8	8	10	10	10	10	2.1	52.9	-0.2
Central African Republic	100	95	92	94	94	101	113	126	138	148	173	1.4	4.0	5.1
Chad	573	601	812	976	683	1,059	907	975	1,079	1,353	1,153	-5.1	8.2	7.1
Comoros	18	19	20	20	21	21	21	21	21	21	21	1.4	1.4	1.2
Congo, Democratic Rep. of	889	1,491	1,507	1,553	1,655	1,708	1,766	1,557	1,633	1,692	1,649	3.9	5.8	1.5
Congo, Republic of	12	6	6	6	7	7	6	5	4	2	2	-6.2	8.1	-14.1
Côte d'Ivoire	860	1,239	1,286	1,319	1,511	1,599	1,690	1,494	1,963	1,870	1,832	2.6	1.7	5.0
Djibouti	0	0	0	0	0	0	0	0	0	0	0	..	-5.1	7.2
Equatorial Guinea	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Eritrea	..	..	..	..	87	259	153	84	99	458	270	..	..	15.8
Ethiopia	..	..	..	..	5,295	5,245	6,740	9,379	9,473	7,197	8,406	..	..	8.8
Gabon	11	24	25	26	27	29	30	31	32	32	32	5.7	12.4	4.2
Gambia, The	70	90	111	96	97	95	98	103	104	114	144	7.0	0.1	2.7
Ghana	674	844	1,436	1,254	1,645	1,594	1,797	1,770	1,669	1,788	1,686	-0.6	3.9	5.6
Guinea	725	627	686	683	711	718	825	879	927	985	971	1.2	-4.6	5.5
Guinea-Bissau	93	167	179	169	181	190	201	174	183	191	191	8.3	-1.6	1.9
Kenya	2,233	2,728	2,773	2,849	2,530	3,663	3,275	2,773	2,767	3,082	2,514	-2.3	9.8	-0.4
Lesotho	194	242	67	94	153	223	81	256	206	171	174	-4.8	9.5	2.4
Liberia	243	185	130	110	65	50	56	94	168	210	210	2.2	0.2	-0.8
Madagascar	2,238	2,581	2,497	2,591	2,724	2,517	2,642	2,685	2,742	2,610	2,829	0.5	1.5	0.8
Malawi	1,252	1,413	1,680	689	2,137	1,109	1,778	1,943	1,349	1,904	2,655	0.6	1.4	4.6
Mali	968	1,771	2,414	1,809	2,228	2,457	2,173	2,219	2,149	2,552	2,952	0.5	12.0	2.8
Mauritania	47	103	105	107	169	207	222	234	154	198	196	1.8	25.5	5.5
Mauritius	1	2	2	2	2	1	0	0	0	0	0	-0.9	-9.5	-24.8
Mozambique	663	734	546	242	765	791	1,127	1,379	1,531	1,688	1,821	-1.0	-4.7	15.4
Namibia	74	98	115	31	75	116	62	89	173	55	76	3.7	3.5	-0.4
Niger	1,775	2,134	2,384	2,253	2,023	2,430	2,096	2,261	1,702	2,958	2,823	3.2	9.7	2.3
Nigeria	7,788	17,678	18,615	19,597	20,091	20,373	22,513	21,665	21,853	22,040	22,405	1.3	11.4	2.6
Rwanda	273	265	341	251	221	126	157	183	223	194	179	4.4	-3.0	-4.8
São Tomé and Príncipe	0	3	4	4	4	4	3	2	1	2	1	1.5	24.6	-7.2
Senegal	676	977	946	856	1,086	943	1,059	976	783	720	963	-1.6	3.2	-1.9
Seychelles	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sierra Leone	551	563	560	534	542	466	408	444	467	373	280	-1.0	1.0	-5.7
Somalia	267	581	256	209	165	405	285	290	284	197	207	8.2	5.2	-7.5
South Africa	13,373	11,553	11,290	5,045	12,793	15,967	7,492	13,651	13,230	10,098	9,861	-3.3	10.9	-0.7
Sudan	2,701	1,702	4,637	5,438	3,102	5,146	3,305	5,202	4,261	5,603	3,097	-3.5	4.1	6.3
Swaziland	105	99	142	58	75	101	79	152	110	126	114	-4.2	-6.3	1.1
Tanzania	2,961	3,842	3,777	3,533	3,917	3,550	4,629	4,719	3,390	4,495	3,977	5.8	6.6	0.1
Togo	296	484	465	495	634	559	550	687	744	620	761	4.1	6.4	4.1
Uganda	1,078	1,580	1,576	1,743	1,880	1,936	2,030	1,588	1,625	1,911	1,874	-4.5	10.3	1.3
Zambia	984	1,210	1,225	612	1,758	1,170	882	1,573	1,137	798	1,057	-6.3	16.3	-3.4
Zimbabwe	1,989	2,560	2,060	481	2,498	2,780	987	3,127	2,723	1,829	1,987	-4.1	5.6	1.0
NORTH AFRICA	16,445	22,835	29,152	23,308	21,329	26,440	20,788	34,577	24,302	29,503	26,147	-0.3	5.1	2.0
Algeria	2,419	1,627	3,810	3,330	1,454	965	2,140	4,902	870	3,026	1,540	-2.5	-4.7	-1.9
Egypt, Arab Republic	8,100	13,022	13,864	14,611	14,961	15,012	16,097	16,542	18,071	17,941	18,677	1.0	5.4	4.6
Libya	215	273	258	218	180	165	146	160	206	238	251	4.2	3.8	-2.9
Morocco	4,515	6,276	8,665	2,950	2,818	9,639	1,783	10,104	4,098	6,632	3,860	-2.2	12.2	-3.0
Tunisia	1,197	1,638	2,556	2,199	1,917	660	622	2,869	1,056	1,667	1,819	0.5	-18.7	1.9
ALL AFRICA	66,187	86,615	98,738	83,880	99,793	110,772	97,915	124,780	110,681	115,643	111,542	-0.5	7.3	2.9

8-9. Crop production index

	Index (average 1989-91 = 100)											Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	76	98	108	106	110	116	118	127	124	132	133	-0.4	4.8	3.2
excluding South Africa	76	99	109	109	112	118	122	129	126	135	136	-0.4	4.6	3.4
excl. S.Africa & Nigeria	82	97	106	103	105	110	114	121	120	126	125	-0.3	3.3	2.7
Angola	107	96	104	111	108	137	132	134	129	158	143	-6.5	0.9	4.7
Benin	52	99	110	111	127	128	144	162	172	172	178	3.2	4.3	7.3
Botswana	91	96	98	68	88	97	80	127	78	64	74	-6.4	13.1	-2.6
Burkina Faso	55	92	110	116	120	119	115	127	126	146	146	2.2	8.1	4.1
Burundi	77	102	106	108	105	90	96	96	96	90	92	0.8	3.3	-1.1
Cameroon	87	100	104	99	107	110	120	123	120	124	125	0.4	0.6	2.9
Cape Verde	79	104	77	73	82	73	70	98	101	97	97	3.0	22.5	-0.1
Central African Republic	103	100	96	98	97	107	111	124	131	131	127	0.0	1.8	3.4
Chad	70	89	116	110	90	110	123	136	147	182	176	-1.1	6.6	6.9
Comoros	79	101	103	102	107	109	116	113	114	126	119	0.8	4.7	2.3
Congo, Democratic Rep. of	74	101	103	105	104	106	108	94	96	92	89	2.4	2.8	-1.1
Congo, Republic of	84	101	97	99	101	110	114	115	109	113	115	2.0	1.5	1.7
Côte d'Ivoire	71	102	99	97	102	104	116	119	128	129	132	3.3	4.8	3.4
Djibouti	71	97	98	99	99	100	100	102	106	106	106	29.6	2.4	0.7
Equatorial Guinea	90	101	98	95	97	90	82	87	92	81	86	0.6	1.5	-2.0
Eritrea	..	..	..	..	93	158	135	110	115	215	154	..	..	7.2
Ethiopia	..	..	..	..	96	96	111	131	138	117	126	..	..	5.3
Gabon	79	96	107	103	100	103	106	110	110	117	119	4.6	4.0	1.9
Gambia, The	66	81	94	69	85	89	84	63	87	84	129	-1.0	4.0	-0.1
Ghana	68	80	121	120	130	123	144	156	159	167	178	-2.5	4.7	6.9
Guinea	92	100	109	118	119	122	126	129	135	143	142	0.9	-1.1	4.2
Guinea-Bissau	63	104	98	104	104	111	119	115	118	119	119	3.7	1.8	2.2
Kenya	72	98	99	98	94	109	112	110	106	116	105	1.6	6.3	1.3
Lesotho	92	127	60	71	90	122	74	136	133	114	117	-3.8	9.5	3.0
Liberia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madagascar	85	100	101	100	106	100	102	104	105	104	109	0.3	1.1	0.7
Malawi	84	98	107	83	115	89	111	127	111	140	154	2.0	1.2	4.4
Mali	51	93	112	99	100	115	117	123	129	139	148	0.1	11.4	4.5
Mauritania	61	82	88	89	111	138	149	152	127	139	147	2.4	17.5	4.8
Mauritius	80	101	102	105	101	92	100	98	104	104	72	0.1	0.1	-1.4
Mozambique	111	108	94	79	93	91	113	130	141	154	155	-2.3	0.5	5.7
Namibia	80	100	104	74	88	103	91	103	127	99	109	1.9	2.2	1.7
Niger	93	100	110	112	86	122	98	122	128	160	148	2.1	9.2	4.7
Nigeria	51	97	111	120	126	130	135	144	135	153	157	-1.0	10.1	5.1
Rwanda	82	96	106	108	78	52	63	67	76	82	87	4.3	0.4	-3.0
São Tomé and Príncipe	117	97	98	123	127	131	116	137	132	152	164	-2.7	0.4	4.7
Senegal	57	94	97	84	95	96	110	97	86	85	112	-5.1	8.8	-0.2
Seychelles	190	94	107	86	87	103	118	124	116	107	106	-2.8	-11.1	2.0
Sierra Leone	81	100	100	92	91	98	90	95	101	94	75	1.0	2.2	-1.5
Somalia	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	92	96	96	68	93	106	81	110	107	98	106	-0.5	6.9	1.0
Sudan	125	78	122	145	112	158	149	180	177	171	155	-2.4	-0.9	6.7
Swaziland	77	97	100	84	78	85	73	90	87	89	89	3.6	1.9	-1.3
Tanzania	79	99	101	94	94	92	99	103	89	99	101	3.0	1.3	-0.1
Togo	71	100	102	104	121	105	113	137	146	140	152	1.8	5.2	4.7
Uganda	65	100	102	100	108	108	112	109	108	116	118	-3.2	4.4	1.7
Zambia	66	89	94	64	119	90	84	109	96	81	93	-2.5	10.4	-0.7
Zimbabwe	76	98	100	59	100	106	78	120	123	117	113	-0.6	4.0	2.8
NORTH AFRICA	78	102	117	113	113	111	110	146	122	135	136	1.0	3.7	3.0
Algeria	81	84	118	127	109	93	114	155	103	129	129	-1.6	2.3	2.9
Egypt, Arab Republic	77	102	104	112	116	112	123	135	134	136	143	2.1	3.3	4.1
Libya	79	99	102	100	104	108	116	125	122	131	134	4.1	1.8	3.5
Morocco	59	91	109	73	74	110	62	122	92	110	91	0.6	9.7	0.5
Tunisia	76	98	129	103	115	74	69	146	88	115	122	0.5	-2.5	2.0
ALL AFRICA	77	99	110	107	111	115	116	131	124	133	134	-0.1	4.6	3.2

8-10. Fertilizer use

	Thousands of metric tons										Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	1,973	1,972	1,927	1,920	2,170	1,962	1,832	2,099	2,038	2,059	4.4	-0.6	0.7
excluding South Africa	909	1,181	1,187	1,187	1,327	1,210	1,065	1,295	1,250	1,276	5.3	2.2	0.9
excl. S.Africa & Nigeria	735	781	757	747	866	914	882	1,122	1,112	1,088	2.4	0.8	5.1
Angola	17	10	7	9	8	10	8	6	2	5	-0.5	16.0	-14.3
Benin	1	11	12	15	17	17	36	31	39	38	7.5	-15.0	26.0
Botswana	1	1	1	1	1	1	2	3	4	4	-5.7	2.7	22.4
Burkina Faso	4	21	21	21	21	23	24	24	43	50	23.4	11.1	9.0
Burundi	1	2	2	5	4	3	3	3	1	2	11.4	15.1	-7.6
Cameroon	32	17	18	24	22	30	30	34	39	40	12.9	-9.8	8.2
Cape Verde	0	0	0	0	0	0	0	0	0	0	-0.6	22.3	..
Central African Republic	1	1	1	1	1	0	0	0	0	1	-11.1	-17.6	-11.8
Chad	1	6	9	10	5	7	9	12	8	17	-4.9	-7.3	9.3
Comoros	0	0	0	0	0	0	0	0	0	0	..	..	21.7
Congo, Democratic Rep. of	8	6	8	2	4	10	9	6	0	0	0.1	-9.8	1.5
Congo, Republic of	1	2	1	2	2	2	2	4	4	5	4.0	-33.9	21.2
Côte d'Ivoire	53	36	39	37	54	65	66	71	110	113	1.4	-0.6	14.5
Djibouti	1	0	0	0	0	0	0	0	0	0	-44.2	..	..
Equatorial Guinea	0	0	0	0	0	0	0	0	0	0	0.0	..	..
Eritrea	..	..	..	..	1	1	2	5	6	7	..	..	61.9
Ethiopia	..	..	..	..	74	122	131	178	132	164	..	..	13.9
Gabon	0	1	1	1	0	0	0	0	0	0	28.9	-18.8	-15.7
Gambia, The	2	1	1	1	1	1	1	1	1	2	7.9	-13.3	1.0
Ghana	12	13	8	10	8	8	10	17	21	15	-0.9	1.3	7.8
Guinea	0	1	2	1	2	4	5	4	2	3	-15.8	29.7	18.0
Guinea-Bissau	0	1	1	0	0	0	0	0	0	1	9.8	..	-6.0
Kenya	62	116	113	102	103	130	78	161	140	128	6.1	6.4	2.0
Lesotho	5	5	6	6	6	5	6	6	6	6	18.1	2.3	2.4
Liberia	3	0	0	0	0	0	0	0	0	0	-11.1	24.9	..
Madagascar	9	11	9	8	11	11	13	17	10	9	3.1	-1.5	3.9
Malawi	33	48	70	74	74	21	44	58	57	50	12.4	7.4	-2.0
Mali	14	15	15	27	25	25	27	27	48	53	14.3	-16.4	13.4
Mauritania	1	4	5	7	5	4	4	5	2	2	-9.6	28.4	-5.1
Mauritius	27	28	28	27	26	29	32	38	33	33	0.7	3.3	2.3
Mozambique	28	3	5	5	3	6	8	8	7	5	6.5	-13.1	11.2
Namibia	..	..	..	..	..	..	..	..	..	..	..	..	..
Niger	3	2	1	1	2	6	10	9	1	1	23.0	-2.8	2.1
Nigeria	174	400	429	440	461	296	183	174	138	188	23.8	5.5	-12.1
Rwanda	0	3	2	1	1	0	0	0	0	0	11.8	-18.3	-16.6
São Tomé and Príncipe	..	..	..	..	..	..	..	..	..	..	..	..	..
Senegal	19	12	17	17	24	26	16	22	24	27	-8.9	-3.3	8.1
Seychelles	0	0	0	0	0	0	0	0	0	0	..	..	..
Sierra Leone	2	1	1	1	3	3	3	3	3	3	-3.5	-17.8	14.3
Somalia	1	3	0	0	0	0	0	1	1	1	7.3	-7.4	..
South Africa	1,064	792	740	733	844	752	767	804	788	783	3.6	-3.9	0.3
Sudan	81	89	56	60	53	58	52	95	77	38	-1.5	-3.8	-0.7
Swaziland	20	13	12	12	12	5	5	4	5	6	4.0	11.8	-13.2
Tanzania	36	51	50	48	36	36	27	31	38	28	-1.0	5.7	-6.6
Togo	3	12	12	12	10	11	16	18	17	17	8.6	10.2	5.6
Uganda	1	0	1	1	2	2	1	1	1	2	-16.2	-5.2	13.4
Zambia	79	60	63	85	85	59	55	51	57	40	2.2	6.1	-5.3
Zimbabwe	173	177	164	114	159	171	147	168	175	174	2.0	-0.3	1.4
NORTH AFRICA	1,221	1,589	1,534	1,455	1,660	1,429	1,608	1,645	1,590	1,730	6.5	1.3	0.8
Algeria	236	139	92	97	131	119	46	38	97	96	1.6	-11.9	-6.4
Egypt, Arab Republic	664	965	963	877	988	851	1,113	1,158	1,004	1,113	7.5	3.5	1.9
Libya	53	78	85	86	111	75	89	62	62	50	14.2	0.3	-4.4
Morocco	207	326	296	290	334	295	282	290	327	350	5.4	3.0	0.3
Tunisia	62	83	99	105	95	89	77	97	100	121	6.3	3.2	1.0
ALL AFRICA	3,194	3,562	3,461	3,375	3,830	3,391	3,439	3,744	3,628	3,789	5.3	0.3	0.7

8-11. Fertilizer imports

	Thousands of metric tons										Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	971	1,004	1,046	1,157	1,275	1,218	1,011	1,427	1,421	1,485	5.9	-0.4	3.8
excluding South Africa	742	872	860	953	1,077	1,019	827	1,205	1,152	1,198	6.8	0.1	3.3
excl. S.Africa & Nigeria	565	675	653	713	796	728	799	1,128	1,061	1,045	3.7	3.8	6.0
Angola	17	7	7	9	8	10	8	6	2	5	-0.2	19.3	-12.9
Benin	1	11	12	16	18	17	36	30	39	38	6.7	-16.1	25.7
Botswana	1	1	1	1	1	1	3	4	4	4	-5.7	2.7	22.8
Burkina Faso	5	19	21	21	21	23	24	31	44	50	23.7	14.8	9.8
Burundi	1	2	2	6	5	3	3	3	1	2	11.9	13.6	-8.4
Cameroon	32	17	18	24	22	47	32	34	39	40	13.2	-9.4	8.6
Cape Verde	0	0	0	0	0	0	0	0	0	0	-0.6	22.3	..
Central African Republic	1	1	1	1	1	0	0	0	0	1	-11.1	-17.6	-11.8
Chad	1	6	9	10	5	8	8	24	8	17	-4.9	-7.3	11.6
Comoros	0	0	0	0	0	0	0	0	0	0	..	..	21.7
Congo, Democratic Rep. of	8	6	8	2	4	10	9	6	0	0	0.1	-5.6	-1.1
Congo, Republic of	1	2	1	2	2	3	3	4	4	5	34.9	-38.7	22.4
Côte d'Ivoire	45	35	41	68	52	79	87	75	176	157	6.4	-6.9	18.1
Djibouti	1	0	0	0	0	0	0	0	0	0	-44.2	..	..
Equatorial Guinea	0	0	0	0	0	0	0	0	0	0	0.0	..	..
Eritrea	..	..	..	..	1	2	2	6	6	7	..	..	51.0
Ethiopia	..	..	..	..	115	35	151	248	93	176	..	..	17.0
Gabon	0	1	1	1	0	0	0	0	0	0	28.0	-18.8	-15.7
Gambia, The	2	1	1	1	1	1	1	1	1	3	7.9	-15.0	5.6
Ghana	12	7	8	11	7	8	10	17	22	15	-2.3	15.5	4.9
Guinea	0	1	2	1	2	4	5	4	2	3	-16.0	29.7	18.0
Guinea-Bissau	0	1	1	0	0	0	0	0	0	1	9.8	..	-6.0
Kenya	62	116	113	102	100	131	78	161	140	128	5.2	7.7	1.9
Lesotho	5	5	6	6	6	6	6	7	6	6	18.1	2.3	2.7
Liberia	3	0	0	0	0	0	0	0	0	0	-11.1	24.9	..
Madagascar	9	11	9	8	11	11	13	17	10	9	3.1	-1.5	3.9
Malawi	33	48	76	68	74	21	44	58	57	50	13.9	4.8	-2.1
Mali	14	19	13	27	25	25	27	27	48	53	14.3	-16.4	12.9
Mauritania	1	5	7	9	7	4	4	5	2	2	-9.6	28.4	-7.4
Mauritius	17	52	28	28	24	24	25	38	36	34	0.0	5.5	-0.1
Mozambique	20	3	5	5	3	6	9	8	7	5	24.2	-23.1	11.4
Namibia	..	..	..	..	..	..	..	..	..	..	..	..	..
Niger	3	2	1	1	2	5	8	9	1	1	23.0	-2.8	1.3
Nigeria	177	197	207	240	281	290	28	77	92	153	23.0	-9.1	-11.4
Rwanda	0	1	2	1	1	0	0	0	0	0	11.8	1.3	-17.2
São Tomé and Príncipe	..	..	..	..	..	..	..	..	..	..	..	..	..
Senegal	16	29	31	27	35	14	18	16	34	34	-7.7	6.8	-0.9
Seychelles	0	0	0	0	0	0	0	0	0	0	..	..	..
Sierra Leone	2	1	1	2	3	3	3	3	3	3	-4.1	-17.7	13.7
Somalia	2	3	0	0	0	0	0	1	1	1	0.9	20.5	..
South Africa	229	132	185	204	198	199	185	222	269	287	2.9	-3.2	6.0
Sudan	81	89	56	60	53	60	50	95	77	38	0.0	-6.8	-0.7
Swaziland	18	13	12	12	12	5	5	4	5	6	1.2	11.8	-13.3
Tanzania	20	38	53	40	42	31	27	35	36	30	4.0	14.1	-5.7
Togo	3	12	7	12	13	13	14	22	17	17	7.6	9.6	7.1
Uganda	1	0	1	1	2	2	1	1	1	2	-13.1	-5.2	13.4
Zambia	69	67	63	86	68	53	52	47	53	38	-1.1	42.7	-7.9
Zimbabwe	56	44	39	44	49	63	33	81	87	67	5.9	5.3	7.9
NORTH AFRICA	588	491	394	344	333	392	438	322	430	478	-2.2	-0.1	-0.6
Algeria	189	40	32	19	26	52	19	51	90	90	-1.8	-18.3	8.6
Egypt, Arab Republic	182	184	102	107	59	93	133	68	86	139	-10.2	3.6	-5.1
Libya	53	68	76	87	108	73	102	62	62	42	11.5	4.2	-3.9
Morocco	133	172	169	126	136	167	177	137	188	193	3.3	3.0	1.6
Tunisia	30	28	15	6	4	7	7	4	5	13	-0.7	5.2	-7.5
ALL AFRICA	1,559	1,496	1,439	1,501	1,609	1,610	1,449	1,749	1,851	1,962	3.0	-0.3	2.6

8-12. Area under permanent crops

	Thousands of hectares										Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	75-84	85-89	90-MR
SUB-SAHARAN AFRICA	123,373	132,405	133,371	134,181	149,668	150,902	152,570	152,843	153,340	153,451	0.7	0.9	2.1
excluding South Africa	110,933	118,965	119,641	120,161	135,358	136,302	137,655	137,968	138,530	138,660	0.8	0.8	2.2
excl. S.Africa & Nigeria	83,083	89,426	89,841	90,239	105,314	106,137	107,284	109,268	110,330	110,460	1.0	0.8	3.0
Angola	2,900	2,900	2,950	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0.0	0.0	0.4
Benin	1,500	1,615	1,620	1,630	1,650	1,660	1,670	1,680	1,690	1,700	1.7	0.6	0.6
Botswana	402	418	417	415	407	1,394	343	343	343	343	0.1	0.3	-2.0
Burkina Faso	2,745	3,520	3,495	3,470	3,450	3,381	3,400	3,400	3,400	3,400	1.8	4.4	-0.5
Burundi	920	810	800	800	790	780	770	770	770	770	-0.4	-1.5	-0.8
Cameroon	5,910	5,940	5,950	5,960	5,960	5,960	5,960	5,960	5,960	5,960	0.8	0.1	0.0
Cape Verde	38	41	41	41	41	40	39	39	39	39	0.0	1.2	-0.6
Central African Republic	1,870	1,920	1,920	1,930	1,930	1,930	1,930	1,930	1,930	1,930	0.5	0.2	0.1
Chad	3,137	3,273	3,322	3,342	3,370	3,390	3,420	3,470	3,500	3,520	0.5	0.6	0.9
Comoros	75	78	78	78	78	78	78	78	78	78	0.0	0.7	0.0
Congo, Democratic Rep. of	6,620	6,670	6,680	6,700	6,700	6,700	6,700	6,700	6,700	6,700	0.2	0.1	0.0
Congo, Republic of	138	154	156	155	160	163	165	167	170	173	1.5	1.0	1.5
Côte d'Ivoire	1,955	2,430	2,450	2,600	2,902	2,905	2,920	2,930	2,950	2,950	1.9	0.9	2.7
Djibouti	..	..	..	..	..	..	..	..	..	..	..	..	..
Equatorial Guinea	130	130	130	130	130	130	130	130	130	130	0.0	0.0	0.0
Eritrea	..	..	..	..	498	437	438	369	391	498	..	..	-1.4
Ethiopia	..	..	..	..	11,000	9,822	9,850	9,850	9,900	9,950	..	..	-1.4
Gabon	290	295	295	295	295	295	325	325	325	325	2.5	0.0	1.5
Gambia, The	155	182	191	157	156	175	180	185	195	195	1.0	2.5	1.1
Ghana	1,900	2,700	2,800	2,800	2,800	2,800	2,800	2,800	3,600	3,600	2.5	2.6	3.0
Guinea	702	728	735	755	785	820	883	885	885	885	0.4	0.3	2.8
Guinea-Bissau	255	300	300	300	300	300	300	300	300	300	1.0	1.0	0.0
Kenya	3,800	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	0.4	0.7	0.0
Lesotho	292	317	319	332	325	325	320	322	325	325	-2.3	1.5	0.5
Liberia	126	170	180	180	180	180	190	190	190	190	0.8	3.3	1.5
Madagascar	2,500	2,502	2,512	2,525	2,555	2,565	2,565	2,565	2,565	2,565	1.3	0.3	0.3
Malawi	1,518	1,815	1,823	1,830	1,837	1,845	1,875	1,875	1,875	1,875	3.0	0.7	0.5
Mali	2,010	2,053	2,063	2,163	3,060	3,160	3,379	4,606	4,606	4,606	1.0	0.4	11.7
Mauritania	210	400	410	420	431	470	498	488	488	488	4.0	6.3	3.1
Mauritius	100	100	100	100	100	100	100	100	100	100	0.0	0.0	0.0
Mozambique	2,870	3,070	3,100	3,120	3,120	3,120	3,120	3,120	3,120	3,120	0.3	0.9	0.2
Namibia	655	660	660	660	698	747	816	816	816	816	0.1	0.0	3.2
Niger	3,549	3,600	3,600	3,600	3,995	4,494	4,994	4,994	4,994	4,994	4.4	0.5	4.9
Nigeria	27,850	29,539	29,800	29,922	30,044	30,165	30,371	28,700	28,200	28,200	0.3	0.7	-0.5
Rwanda	760	880	880	880	850	700	700	750	800	820	2.0	0.8	-1.6
São Tomé and Príncipe	1	2	2	2	2	2	2	2	2	2	0.0	10.4	0.0
Senegal	2,341	2,325	2,323	2,320	2,318	2,331	2,230	2,230	2,230	2,230	0.0	-0.1	-0.6
Seychelles	1	1	1	1	1	1	1	1	1	1	0.0	0.0	0.0
Sierra Leone	450	486	486	486	486	485	485	485	484	484	1.1	0.7	-0.1
Somalia	984	1,022	1,022	1,023	1,024	1,030	1,035	1,038	1,039	1,040	0.5	0.4	0.2
South Africa	12,440	13,440	13,730	14,020	14,310	14,600	14,915	14,875	14,810	14,791	-0.2	1.3	1.4
Sudan	12,360	13,000	13,000	12,900	14,618	15,000	16,157	16,672	16,700	16,700	0.4	0.6	3.7
Swaziland	185	180	183	179	164	166	168	168	168	168	-0.9	3.1	-1.4
Tanzania	3,100	3,500	3,550	3,600	3,650	3,700	3,748	3,750	3,750	3,750	4.8	1.1	1.0
Togo	1,950	2,100	2,100	2,100	2,200	2,200	2,200	2,300	2,250	2,200	1.2	0.6	1.0
Uganda	4,080	5,000	5,020	5,040	5,040	5,060	5,060	5,060	5,060	5,060	1.5	0.8	0.1
Zambia	5,094	5,249	5,249	5,254	5,254	5,254	5,260	5,260	5,260	5,260	0.4	2.1	-0.6
Zimbabwe	2,505	2,890	2,928	2,966	3,004	3,042	3,080	3,165	3,251	3,220	0.8	1.4	1.5
NORTH AFRICA	21,634	22,786	22,954	23,738	23,951	23,870	23,914	24,152	24,179	24,243	-0.1	0.6	0.8
Algeria	6,875	7,081	7,260	7,562	7,533	7,477	7,519	7,521	7,650	7,661	0.0	0.7	0.8
Egypt, Arab Republic	2,286	2,284	2,267	2,519	2,617	2,624	2,817	2,820	2,834	2,834	-1.8	-0.1	3.0
Libya	1,753	1,805	1,810	1,815	1,815	1,815	1,815	1,815	1,815	1,815	0.2	0.3	0.1
Morocco	7,530	8,707	8,717	8,934	8,999	9,124	8,921	9,096	8,980	9,033	0.8	1.5	0.6
Tunisia	3,190	2,909	2,900	2,908	2,987	2,830	2,842	2,900	2,900	2,900	-1.2	-1.4	-0.1
ALL AFRICA	145,007	155,191	156,325	157,919	173,619	174,772	176,484	176,995	177,519	177,694	0.6	0.8	1.9

8-13. Agricultural yields by major crop

												* Average annual percentage growth			
Thousands of hectograms per hectare															
		1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
ALGERIA															
Wheat	7.3		6.3	10.8	9.9	8.1	8.0	8.9	13.1	8.0	8.8	8.0	3.0	2.0	0.6
Citrus		262.9	74.5	87.2	92.5	87.1	91.4	80.2	86.1	87.2	101.8	111.3	-2.0	2.1	1.8
Dates		30.0	26.2	25.5	31.2	31.0	37.2	32.8	37.3	31.4	39.5	42.7	3.7	3.6	3.1
Barley		8.4	7.6	11.6	9.0	6.3	6.5	7.1	14.0	7.2	7.5	8.7	7.1	0.9	0.1
Potatoes		77.7	78.9	90.7	107.9	111.2	95.1	136.8	134.6	141.0	160.3	153.5	0.2	-2.0	3.2
ANGOLA															
Coffee(green)		2.2	0.3	0.5	0.5	0.5	0.3	0.4	0.3	0.3	0.4	0.4	-9.1	-5.5	-1.3
Maize		6.0	2.7	4.0	3.8	2.6	2.5	3.5	7.0	6.0	7.4	6.4	-2.3	4.8	4.8
Millet		7.1	5.7	4.8	4.8	2.7	5.4	5.1	4.8	3.8	5.0	5.3	-2.8	0.8	0.3
Wheat	5.8		8.0	8.0	8.0	8.6	10.0	16.7	16.7	16.7	17.1	13.3	-6.3	-1.3	4.1
Cassava		33.8	40.0	40.3	42.3	42.3	58.6	51.0	48.1	44.2	55.7	59.8	-0.7	-1.5	2.6
Sweet potatoes		91.7	86.8	89.5	90.0	88.1	85.7	88.1	85.5	85.9	86.4	82.8	0.2	0.1	-0.3
BENIN															
Seed Cotton		6.6	11.9	11.7	12.0	17.9	13.9	13.3	12.3	10.2	9.4	9.7	-0.2	-2.2	-0.9
Maize		7.4	9.0	9.3	9.8	9.8	10.2	11.7	10.8	12.6	11.1	12.7	0.2	-4.1	1.6
Sorghum		6.3	7.3	7.8	7.7	7.6	7.8	7.5	7.6	8.1	8.2	8.5	-1.2	0.0	0.5
Cassava		65.9	79.8	83.0	83.8	84.9	81.5	78.4	87.2	104.1	105.0	108.1	-2.2	-2.5	1.4
Yams		97.2	111.5	114.0	106.0	107.7	108.4	109.7	102.6	116.2	109.5	110.7	0.5	-1.5	-0.3
BOTSWANA															
Sorghum		2.2	2.5	3.7	2.9	2.9	2.2	2.1	4.2	1.7	1.8	1.9	-16.8	-12.7	-2.0
Maize		2.5	2.9	4.0	1.9	1.9	1.7	1.5	2.2	3.9	1.4	2.5	-13.0	10.2	-3.8
Millet		1.6	1.8	1.8	1.3	1.4	3.6	1.0	3.7	2.5	1.7	1.9	-8.9	-22.3	2.2
BURKINA FASO															
Seed Cotton		8.3	11.4	9.3	10.0	9.6	8.9	8.5	9.4	12.4	9.7	9.7	6.9	-2.6	-0.5
Groundnuts		5.1	7.1	5.6	6.3	9.5	8.4	8.2	8.2	6.5	10.0	10.0	3.1	-3.5	2.6
Sorghum		5.7	5.8	9.1	9.1	8.9	8.0	8.0	7.8	7.9	8.5	8.5	1.4	-1.8	0.7
Millet		4.9	4.4	7.0	6.5	7.0	6.3	6.4	6.2	6.4	7.8	7.8	3.0	-2.2	1.9
Maize		9.0	14.6	16.9	13.5	13.7	16.0	13.3	14.0	13.8	13.9	13.9	1.0	-4.9	0.0
BURUNDI															
Coffee		6.3	8.4	9.0	9.3	8.2	9.4	7.3	7.2	6.1	5.9	9.4	0.6	2.2	-0.4
Tea		4.0	7.7	8.8	10.7	9.0	10.4	9.8	7.5	5.6	8.9	9.2	-4.5	2.9	0.7
Maize		10.8	13.5	13.9	14.2	14.3	12.3	12.8	12.6	12.6	11.5	11.2	0.5	-0.9	-1.2
Sorghum		10.0	11.0	11.2	11.5	11.3	9.9	12.2	12.2	12.4	12.5	12.0	0.2	1.5	0.3
Rice, paddy		23.5	33.3	30.9	31.1	30.9	29.4	26.8	27.9	32.6	29.9	32.6	2.2	-6.3	-0.4
Millet		10.0	10.9	11.2	11.0	10.3	11.1	11.1	10.3	12.9	11.1	11.2	0.7	-0.4	0.0
Bananas		..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cassava		90.9	89.0	89.8	92.0	89.9	87.9	83.5	85.8	86.2	88.8	88.2	-0.1	0.6	0.0
CAMEROON															
Coffee		3.0	3.4	4.0	2.6	2.8	2.3	2.5	2.0	1.8	2.3	2.1	5.6	-7.8	-3.6
Cocoa		2.6	3.2	3.0	2.7	3.0	3.1	3.8	3.5	3.5	4.1	4.1	2.9	-0.5	1.7
Seed Cotton		12.9	12.1	12.7	12.7	12.3	11.8	12.3	13.7	10.1	11.0	10.5	7.4	-3.4	-0.6
Maize		8.3	18.5	19.8	11.3	9.6	9.6	16.3	18.8	16.0	13.8	15.0	-0.5	-0.7	-1.6
Sorghum		8.7	8.5	7.7	7.6	7.6	7.3	8.7	8.3	7.3	8.3	8.3	1.0	-5.5	0.4
Millet		7.6	10.5	10.5	10.0	10.3	10.0	10.2	10.1	10.1	10.1	10.1	0.6	-6.2	-0.3
Rice		23.4	50.0	45.0	34.7	43.7	44.4	38.8	47.0	40.6	40.6	40.6	2.7	-2.7	-0.8
Cassava		59.0	164.4	187.5	187.5	193.8	187.5	175.0	170.0	188.9	166.7	166.7	-1.1	0.9	-0.2
Plantains		..	..	..	..	..	..	..	..	..	..	..	..	..	..
CENTRAL AFRICAN REPUBLIC															
Coffee		3.6	5.9	6.9	5.0	4.1	8.2	4.7	7.2	6.0	5.0	4.8	-0.9	-2.5	-0.3
Seed Cotton		3.4	7.9	5.1	6.0	6.6	6.5	7.6	6.9	7.7	7.3	7.6	4.0	3.5	0.9
Sorghum		6.5	7.8	10.1	12.6	11.6	8.0	7.3	7.8	8.4	8.8	8.8	-0.8	-8.5	-1.3
Maize		3.8	8.2	8.1	9.0	9.0	8.5	8.5	8.5	9.2	9.3	9.8	1.1	-3.1	0.5
Groundnuts		10.1	9.2	8.6	9.8	9.8	9.4	9.4	9.3	9.7	10.2	11.0	-0.6	-2.3	0.4
Cassava		30.7	28.4	33.6	34.5	34.5	31.0	28.9	29.2	30.5	30.4	28.0	0.9	-0.3	-0.5
Yams		60.0	65.7	65.7	68.4	65.0	66.7	66.7	68.0	68.0	67.9	67.9	-1.2	-0.6	0.2
CHAD															
Seed Cotton		5.1	7.7	6.2	5.7	6.3	6.8	7.6	7.5	7.3	7.8	7.8	6.0	3.2	0.6
Sorghum		5.1	6.4	5.7	7.4	5.9	6.6	6.5	6.7	6.2	7.5	7.5	0.8	-0.5	1.5
Millet		4.7	3.4	4.0	5.2	3.7	4.9	3.6	4.2	3.8	4.4	4.4	1.9	-1.1	1.4
Groundnuts		5.7	5.9	8.5	8.3	6.9	7.0	9.2	9.6	8.8	11.2	11.2	0.9	-8.2	1.2
COMOROS															
Bananas		..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cassava		48.5	50.5	50.2	52.0	52.8	53.6	53.3	54.0	53.9	54.1	55.2	-2.0	1.0	0.5

(Table continues on the following page)

8-13. Agricultural yields by major crop (continued)

Thousands of hectograms per hectare												* Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
CONGO														
Coffee	8.0	4.2	4.0	4.2	4.3	4.4	4.6	4.1	4.2	4.1	4.1	-4.7	-6.4	-0.1
Cocoa beans	5.6	4.1	3.8	3.9	3.9	4.0	4.0	3.3	3.2	3.3	3.4	0.1	1.5	-0.8
Maize	8.1	5.8	6.8	7.1	7.3	7.6	7.8	7.0	7.0	6.7	6.7	-1.7	-2.2	0.0
Cassava	68.8	65.0	73.7	73.9	65.6	67.3	71.8	71.9	70.9	71.9	72.7	0.8	0.5	0.4
Plantains	..	..	..	..	..	..	..	..	..	..	..	..	..	..
COTE D'IVOIRE														
Coffee	2.4	2.2	1.6	1.0	1.1	1.1	1.4	1.3	1.7	1.8	1.8	-4.5	1.6	-1.2
Cocoa	5.0	5.2	5.4	5.6	5.5	5.4	5.7	5.8	5.6	5.6	5.8	0.0	0.1	0.3
Oil Palm, fruit	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rice	11.7	11.5	11.0	11.0	17.6	15.8	16.1	12.8	16.1	16.0	15.5	1.1	0.1	1.9
Maize	8.1	7.2	7.5	7.9	8.0	7.7	8.1	8.2	8.2	8.2	8.2	3.2	0.5	0.7
Cassava	52.3	55.1	52.0	50.1	49.5	50.5	52.9	50.9	50.7	50.5	49.9	0.8	-0.3	-0.4
Yams	90.7	95.0	89.7	89.0	88.0	89.6	99.8	108.3	108.6	108.2	108.3	1.2	0.1	0.9
EGYPT														
Seed Cotton	26.9	20.1	22.8	27.6	29.2	22.4	21.4	24.8	25.5	18.9	23.8	4.2	2.4	0.1
Rice, paddy	58.3	72.7	74.6	76.5	77.2	79.1	81.4	82.9	84.2	86.5	88.8	1.7	-1.0	1.3
Wheat	31.2	52.0	48.2	52.5	53.0	50.0	54.2	56.4	56.0	59.9	63.5	-0.3	0.4	1.2
Sugarcane	812.5	1,003.3	1,036.4	1,029.1	1,061.7	1,093.4	1,095.3	1,107.4	1,122.5	1,172.0	1,190.5	..	-5.0	1.0
Drv Broadbeans	20.7	31.1	34.0	21.4	35.1	22.7	31.7	32.0	31.9	32.3	22.9	-0.1	-0.9	-1.2
EQUATORIAL GUINEA														
Cocoa	1.1	1.0	1.0	0.8	0.9	0.8	0.7	0.8	0.7	0.8	0.9	1.6	2.5	-0.9
Coffee(green)	3.4	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.7	0.7	0.0	-0.1
Cassava	24.6	25.0	25.6	26.1	26.1	26.1	26.1	25.3	25.0	25.3	25.0	-0.2	0.0	-0.3
ETHIOPIA														
Coffee(green)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sorghum	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maize	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Barley	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GABON														
Coffee(green)	2.4	3.6	4.1	3.9	4.3	4.3	2.7	3.7	2.6	2.4	2.4	3.8	0.4	-2.7
Sugarcane	497.5	520.8	517.0	488.9	542.0	568.6	573.3	576.7	583.3	576.7	583.3	16.1	0.3	0.8
Maize	16.6	16.3	16.9	17.6	17.9	17.7	17.6	17.6	17.2	17.2	17.2	1.6	0.9	0.5
Cassava	50.0	50.0	51.6	51.1	49.3	49.1	50.1	50.0	50.7	51.2	52.3	-0.1	-0.1	0.1
Taro (cocoyam)	58.8	56.8	57.8	57.6	60.4	61.7	59.6	60.0	60.5	61.1	61.6	0.1	1.4	0.5
Yams	56.4	64.7	64.7	66.7	64.7	69.4	68.4	67.5	70.0	72.5	75.0	1.0	0.3	0.9
GAMBIA, THE														
Groundnuts	8.7	8.3	10.5	8.5	12.1	10.8	9.6	7.1	11.1	10.4	11.3	0.5	0.5	-0.5
Seed Cotton	6.9	5.3	6.3	7.5	9.4	5.9	4.2	4.7	4.4	4.6	4.6	4.1	-0.2	-2.2
Oil Palm, fruit	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Millet	8.7	9.3	10.3	11.2	10.3	10.6	9.8	11.0	9.0	9.6	9.4	0.4	0.8	0.1
Rice, paddy	19.7	14.7	15.3	17.3	14.6	15.4	12.3	10.7	11.7	15.4	18.3	10.9	-1.8	0.3
Maize	10.7	12.0	11.8	15.1	16.3	12.6	12.9	12.2	11.7	14.3	14.5	3.6	-2.3	0.6
Sorghum	8.0	6.3	9.6	9.5	11.0	10.6	8.5	10.8	9.6	8.1	9.7	2.6	-5.1	0.5
GHANA														
Cocoa	2.3	4.2	3.4	4.3	3.6	4.2	4.0	3.8	3.0	3.0	3.0	-0.1	-6.2	-1.1
Maize	8.7	11.9	15.3	12.0	15.1	14.9	15.1	15.2	15.3	14.9	14.5	-0.3	-4.6	0.8
Millet	5.9	6.0	5.4	6.4	9.7	8.8	9.8	10.2	8.4	9.5	9.1	0.2	1.5	2.9
Groundnuts	17.0	8.9	6.7	7.7	8.8	9.4	9.3	9.0	8.7	10.9	10.9	1.7	-2.3	1.2
Cassava	80.8	84.2	106.6	102.6	112.3	115.8	119.9	120.4	118.8	114.8	120.7	0.7	-1.5	1.8
Plantains	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GUINEA														
Coffee(green)	3.2	5.0	5.2	5.3	5.2	5.5	5.1	4.1	4.0	4.2	4.2	-0.1	-4.0	-1.1
Oil Palm, fruit	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rice, paddy	9.0	9.7	13.8	13.3	13.8	13.8	14.4	14.7	14.9	15.2	15.0	0.5	-2.9	1.7
Maize	10.0	10.1	10.4	10.7	10.4	10.3	9.7	9.9	10.1	10.4	10.4	-1.6	0.1	0.1
Groundnuts	6.6	7.6	8.8	10.1	8.8	9.2	9.1	9.5	9.8	10.3	10.3	0.2	-0.7	1.7
Cassava	70.0	78.2	74.9	71.7	75.5	71.9	63.0	61.2	59.7	58.0	58.0	0.0	-0.5	-1.7
GUINEA-BISSAU														
Groundnuts	3.5	10.1	7.8	10.1	10.0	11.7	11.3	11.0	11.3	11.3	11.3	-0.6	-6.5	1.6
Rice, paddy	7.0	20.5	20.1	19.0	19.7	20.1	19.1	18.4	18.9	18.6	18.6	-2.7	-1.4	-0.5
Sorghum	6.4	8.8	10.3	8.6	9.0	9.2	9.3	9.1	9.5	9.5	9.5	-2.5	-4.7	0.2
Millet	7.2	8.7	12.2	8.6	8.6	7.7	9.1	8.6	9.1	9.4	9.4	0.6	-4.3	-0.7
Maize	10.0	10.7	11.4	9.5	9.3	9.3	10.0	9.4	10.0	10.0	10.0	1.5	-4.4	-0.2

(Table continues on the following page)

8-13. Agricultural yields by major crop (continued)

Thousands of hectograms per hectare												* Average annual percentage growth													
												1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
KENYA																									
Coffee(green)	8.9	6.8	5.6	5.5	4.7	5.0	5.9	6.0	4.9	3.5	4.0	-2.3	-3.1	-2.8											
Tea	11.7	20.3	20.4	18.2	20.1	19.8	22.0	22.6	19.4	25.1	19.3	1.5	-1.2	0.4											
Sugarcane	1,211.8	1,173.0	960.7	877.7	841.3	662.1	810.4	815.8	794.6	844.8	866.7	4.2	-2.7	-1.9											
Sisal	9.9	12.0	11.4	11.4	11.7	11.3	13.2	13.4	13.4	12.9	12.4	0.5	0.5	0.6											
Maize	12.0	15.8	15.9	17.3	16.0	20.4	19.6	16.6	14.7	16.2	14.1	-1.9	-3.5	-0.2											
Wheat	21.6	18.6	18.6	12.6	9.7	19.2	19.6	20.0	16.1	23.3	13.5	2.1	-4.6	0.6											
LESOTHO																									
Wheat	9.7	8.1	2.0	8.6	7.3	4.2	6.2	13.3	11.8	11.6	12.3	-1.8	0.7	5.4											
Dry Peas	7.8	2.4	0.7	5.6	5.4	3.1	2.9	9.2	3.5	5.8	7.8	2.0	-6.5	6.8											
Dry Beans	5.2	18.8	3.4	2.9	10.7	3.2	12.4	6.3	10.4	8.4	8.0	1.0	-4.9	-0.3											
Maize	9.6	11.0	5.4	5.8	8.9	8.6	8.1	12.5	9.9	9.5	9.4	0.6	-5.7	1.3											
Sorghum	9.7	10.1	5.4	6.1	13.0	8.8	8.0	8.6	8.1	7.6	11.1	1.5	-8.6	1.5											
LIBERIA																									
Rubber	7.6	10.0	9.5	10.7	10.0	10.0	9.3	10.0	10.0	10.0	10.0	-2.0	-0.2	0.0											
Coffee(green)	4.6	1.1	1.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.9	-1.6	2.4											
Cocoa	2.3	1.4	1.0	0.9	0.8	0.9	1.3	1.1	0.9	0.9	0.9	-1.5	-3.3	-2.2											
Rice, paddy	12.3	9.3	9.3	9.2	10.8	11.1	11.2	12.5	12.4	12.9	12.9	0.4	0.4	1.7											
Cassava	66.7	69.2	64.3	66.7	61.3	62.5	60.3	65.0	65.1	65.3	65.3	1.0	-0.5	-0.4											
LIBYA																									
Wheat	5.2	12.3	12.4	11.9	8.4	7.7	7.3	7.3	10.1	10.3	10.2	1.5	0.3	-1.2											
MADAGASCAR																									
Coffee	3.7	3.5	3.8	3.7	3.7	4.2	3.5	3.5	2.9	3.1	3.4	-1.8	-0.8	-0.5											
Vanilla	0.4	0.5	0.6	0.4	0.7	0.6	0.6	0.6	0.6	0.7	0.7	-4.9	7.6	-0.2											
Cloves	1.7	1.2	1.8	1.4	2.1	1.8	1.7	1.7	1.9	2.1	1.9	-13.0	-1.6	2.6											
Rice	17.6	20.8	20.5	20.9	20.8	20.7	21.3	21.9	21.7	20.3	21.5	-1.2	0.2	0.1											
Cassava	60.8	66.5	66.5	67.1	67.7	67.4	68.9	67.4	67.5	66.8	68.0	-1.4	0.6	0.1											
Sweet potatoes	48.6	53.4	50.3	53.1	51.1	53.8	59.1	58.1	56.0	54.3	55.9	-3.8	-0.6	0.5											
MALAWI																									
Tobacco leaves	8.6	10.1	9.7	9.7	10.0	12.5	12.2	12.4	13.8	10.9	10.7	2.1	-1.0	1.0											
Tea	17.1	21.0	21.9	15.4	21.3	18.7	18.2	19.8	22.0	22.0	20.5	1.4	-4.2	-0.2											
Groundnuts	7.1	7.7	8.2	4.0	9.0	5.4	4.6	5.6	6.9	9.0	8.3	-0.3	0.4	0.8											
Seed Cotton	6.9	5.3	6.3	7.5	9.4	5.9	4.2	4.7	4.4	4.6	4.6	4.1	-0.2	-2.2											
Maize	12.2	10.0	11.4	4.8	15.2	9.2	13.5	14.4	9.9	12.7	17.7	-0.4	-2.1	2.2											
Sorghum	6.7	5.0	6.0	1.4	4.9	3.1	6.1	7.2	4.7	6.1	6.7	-3.7	-7.1	0.9											
Cassava	58.4	23.5	23.4	20.1	28.8	27.1	27.1	27.1	27.8	27.8	27.8	0.5	2.4	1.3											
MALI																									
Seed Cotton	11.3	12.3	13.4	12.7	13.0	12.7	10.9	12.1	10.7	10.5	10.5	-0.6	0.8	-1.1											
Groundnuts	8.9	10.7	7.3	10.9	7.5	7.8	8.4	9.4	9.8	9.5	9.5	-1.9	4.3	0.0											
Millet	6.2	7.8	6.1	8.3	5.9	5.4	6.4	5.5	7.9	7.3	7.3	6.9	-1.5	-0.7											
Rice, paddy	9.7	14.6	14.4	17.3	17.6	17.8	16.5	15.3	17.8	17.8	17.8	-2.2	-5.3	1.4											
Sorghum	8.0	9.4	6.6	10.9	6.8	7.5	7.6	8.3	10.0	9.8	9.8	7.2	0.3	0.6											
Maize	11.1	12.9	11.6	13.8	10.1	11.0	11.3	12.9	16.0	16.9	16.9	9.2	1.8	1.1											
MAURITANIA																									
Sorghum	3.2	5.2	4.5	5.0	5.9	5.8	6.4	6.9	4.1	4.7	4.7	-6.7	1.4	-0.3											
Rice	32.0	33.3	28.1	39.9	32.9	27.4	39.4	38.3	37.2	43.4	44.3	2.5	1.4	1.2											
Millet	2.3	2.8	2.7	2.6	2.6	2.9	3.6	3.4	1.4	1.6	4.1	-2.0	-6.7	-0.2											
Maize	6.5	6.8	6.0	7.7	12.3	5.0	8.0	5.9	8.6	8.4	6.4	0.9	-8.6	-0.5											
MAURITIUS																									
Sugarcane	576.8	727.1	740.0	770.0	729.7	659.2	716.5	732.6	795.4	780.9	538.5	-1.4	1.3	-0.9											
Potatoes	165.6	181.1	197.4	192.1	200.9	175.7	198.5	195.9	215.8	176.0	180.7	1.8	0.7	-0.7											
Onions	107.6	122.0	137.7	151.4	164.6	176.0	184.4	177.9	171.3	220.6	217.7	4.1	-2.8	3.2											
MOROCCO																									
Wheat	10.6	13.3	18.7	7.0	6.8	18.1	5.5	18.4	9.3	14.2	8.0	5.7	-10.5	-0.6											
Sugarbeet	353.5	464.0	438.7	528.6	490.6	499.8	467.7	487.1	415.4	577.2	619.9	1.5	-1.5	1.6											
Barley	10.3	8.9	13.8	4.8	4.8	14.4	3.9	15.8	6.6	8.1	7.1	3.7	-15.6	-0.2											
MOZAMBIQUE																									
Seed Cotton	4.9	3.7	5.3	5.8	6.1	6.6	6.0	6.8	4.4	4.6	4.8	3.3	4.1	2.1											
Tea	10.3	6.9	7.7	5.1	8.4	10.0	7.5	8.0	7.5	7.5	8.0	1.0	9.3	1.7											
Maize	5.4	4.5	3.2	1.6	6.3	5.2	6.8	9.4	9.0	9.0	9.4	-5.0	-4.9	6.4											
Rice, paddy	8.3	8.7	5.3	3.0	6.2	8.3	8.7	9.7	10.9	10.6	11.0	2.1	-1.2	3.0											
Cassava	41.4	48.6	38.0	33.3	41.7	36.9	42.4	47.7	53.8	55.6	55.4	-0.2	0.5	1.4											
NAMIBIA																									
Wheat	25.0	44.3	59.0	51.9	43.8	52.5	40.0	43.8	46.4	60.3	77.3	3.1	-2.5	1.6											
Maize	12.3	14.9	12.0	2.4	7.8	11.5	8.8	6.7	15.9	5.5	5.5	0.5	-10.7	-4.3											

(Table continues on the following page)

8-13. Agricultural yields by major crop (continued)

Thousands of hectograms per hectare												* Average annual percentage growth													
												1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
NIGER																									
Cowpeas	2.4	0.8	1.5	1.0	0.5	1.8	0.5	1.0	0.6	2.1	1.7	1.0	-9.4	3.4											
Groundnuts	6.7	2.8	3.4	3.3	2.3	4.5	4.1	4.7	3.8	4.9	4.3	-2.0	-2.5	2.5											
Millet	4.4	3.8	4.2	3.6	3.5	4.0	3.4	3.5	3.0	4.5	4.2	0.4	-7.4	0.6											
Sorghum	4.8	1.3	2.1	1.5	1.3	2.0	1.4	1.9	1.5	2.2	2.3	-1.4	-5.7	1.5											
NIGERIA																									
Cocoa	3.9	4.0	2.8	3.6	3.4	3.4	3.5	3.7	3.2	3.2	3.2	-1.8	2.0	-0.3											
Oil Palm, fruit	..	..	..	..	..	..	..	..	..	..	..	..	..	..											
Seed Cotton	1.8	6.7	7.0	6.8	7.9	8.0	8.0	7.5	8.1	7.3	5.7	-8.6	-6.0	0.2											
Groundnuts	8.4	14.0	12.1	12.4	11.8	9.2	8.9	10.1	11.2	9.7	10.5	0.8	-4.2	-1.3											
Sorghum	11.2	10.0	9.7	10.8	10.8	10.8	10.7	11.4	11.1	10.7	11.1	5.3	1.2	0.7											
Millet	8.7	10.7	9.0	10.3	9.5	9.5	9.8	10.6	10.8	10.6	10.1	3.7	0.5	-0.1											
Maize	13.2	11.3	11.3	11.2	11.8	12.7	12.9	13.3	12.7	13.2	13.6	2.9	-2.6	0.8											
Rice, paddy	19.8	20.7	19.5	19.6	19.6	14.2	16.3	17.5	16.0	16.0	16.6	5.0	3.6	-1.5											
Yams	105.4	106.8	103.5	113.5	113.5	114.0	107.7	110.5	90.2	94.4	95.5	0.0	-6.1	-0.3											
Cassava	95.8	116.5	101.9	105.9	105.9	105.9	106.8	106.5	112.7	107.5	108.4	0.3	-1.4	0.0											
RWANDA																									
Coffee(green)	6.9	6.3	5.2	6.8	5.3	2.9	11.0	7.6	7.4	5.7	7.0	0.8	3.0	0.0											
Tea	7.4	10.5	11.3	11.1	11.2	4.6	6.0	8.2	11.0	12.2	12.9	-5.1	-1.4	-0.8											
Sorghum	12.4	10.7	12.8	7.5	12.8	6.9	11.5	13.6	11.2	10.5	8.3	1.1	2.4	-1.5											
Maize	11.8	10.3	11.6	13.6	14.8	15.0	14.1	11.1	10.9	8.2	7.6	0.3	0.1	-1.7											
Plantains	..	..	..	..	..	..	..	..	..	..	..	..	..	..											
Sweet potatoes	76.3	48.7	62.5	66.0	60.4	34.1	50.0	51.1	49.7	50.5	47.9	1.1	2.6	-1.2											
SENEGAL																									
Groundnuts	4.9	7.7	8.3	6.0	8.5	7.6	9.4	7.0	6.9	10.4	10.1	3.2	2.8	0.6											
Seed Cotton	6.9	10.0	11.8	10.7	11.4	11.0	8.2	7.6	9.7	6.0	9.6	-2.6	2.0	-2.2											
Millet	4.7	5.8	6.7	5.8	6.7	5.9	7.5	6.2	5.2	5.6	5.7	2.6	4.0	-0.7											
Rice, paddy	9.6	24.8	23.5	24.1	24.8	20.9	22.5	20.2	23.3	27.2	25.0	1.3	-1.2	0.2											
Maize	7.3	11.4	11.3	10.9	12.7	10.1	10.9	10.4	9.7	8.7	9.4	-5.0	0.1	-1.7											
Sorghum	7.7	9.1	7.8	8.9	7.8	8.7	8.6	8.9	7.7	5.9	6.4	2.0	-0.7	-1.6											
SIERRA LEONE																									
Cocoa	4.0	4.2	3.8	2.7	2.7	3.7	3.7	3.7	3.7	3.7	3.6	0.1	-0.8	-0.4											
Coffee(green)	12.7	23.0	22.6	23.0	23.0	18.5	17.9	17.9	21.9	21.9	11.0	3.2	-1.6	-3.0											
Palm oil	..	..	..	..	..	..	..	..	..	..	..	..	..	..											
Rice, paddy	12.5	12.8	13.5	13.5	12.7	12.3	13.0	13.5	13.0	11.5	11.6	-1.4	-0.7	-0.6											
Cassava	38.0	59.9	54.0	53.3	45.8	58.7	58.5	58.6	49.9	51.6	51.8	-3.1	-3.7	-0.3											
SOMALIA																									
Bananas	..	..	..	..	..	..	..	..	..	..	..	..	..	..											
Maize	10.1	11.5	10.0	10.1	9.9	4.1	7.3	7.1	6.4	7.3	7.5	-0.9	-3.0	-3.4											
Sorghum	3.1	5.6	4.1	3.1	2.9	4.1	3.4	3.2	3.1	2.3	2.5	2.1	-2.2	-3.9											
Sesame	4.6	4.5	4.1	3.8	3.1	3.0	3.4	3.3	3.4	3.0	3.1	-3.3	-1.6	-2.3											
SOUTH AFRICA																									
Maize	24.2	22.1	22.6	7.9	22.8	28.5	13.8	27.0	25.2	21.6	22.1	3.5	-5.1	0.5											
Wheat	9.0	10.9	14.9	17.7	18.5	17.6	14.5	21.0	17.6	23.9	21.7	-1.3	3.0	3.8											
Sugarcane	661.4	683.2	727.4	471.6	422.9	582.4	612.0	699.2	711.4	713.5	683.2	-2.2	2.4	0.1											
Sorghum	26.9	17.4	18.2	6.2	21.6	22.9	16.1	30.8	26.9	27.4	21.1	4.1	-0.7	2.3											
Barley	8.8	23.8	12.6	19.2	19.8	22.9	24.0	13.9	13.8	19.2	8.9	3.8	7.6	-2.7											
SUDAN																									
Seed Cotton	8.2	12.6	14.6	11.4	12.1	14.1	12.4	11.6	14.4	14.6	14.6	2.7	3.1	0.3											
Groundnuts	8.0	5.5	7.8	7.0	5.5	8.0	6.8	8.6	7.2	5.7	6.8	-2.3	-2.9	1.4											
Sesame	2.6	1.7	1.8	2.0	1.4	1.3	2.1	2.2	1.8	1.3	1.5	0.6	5.3	-0.6											
Sorghum	7.1	4.3	7.0	6.5	5.1	5.7	4.9	6.4	5.9	7.5	6.9	-3.0	-11.2	2.1											
Wheat	12.1	15.9	14.8	23.2	13.8	13.3	16.1	17.7	19.5	21.6	11.9	-0.6	0.1	-0.3											
SWAZILAND																									
Sugarcane	1,077.2	1,052.5	985.3	971.2	911.8	946.5	908.4	986.0	953.9	1,009.7	966.1	0.3	0.0	-0.2											
Seed Cotton	10.2	9.5	9.8	2.9	6.3	5.8	6.2	9.4	5.2	5.2	5.2	-2.1	3.1	-2.5											
Maize	13.6	10.3	17.3	9.4	12.2	17.6	12.7	24.5	17.8	19.2	18.2	-2.3	-0.6	3.0											
TANZANIA																									
Coffee	4.2	4.3	3.9	4.2	4.3	3.9	3.6	4.2	3.9	3.5	4.1	-0.4	4.0	-0.3											
Seed Cotton	4.5	3.8	5.3	7.1	3.1	3.8	6.8	5.7	4.7	3.4	4.2	-2.2	1.8	-0.2											
Tea	10.9	14.4	10.4	11.8	12.0	13.2	13.1	13.0	13.4	11.8	13.2	3.3	3.4	-0.2											
Maize	12.3	15.0	12.6	11.7	12.5	13.3	15.5	16.2	12.0	13.6	13.9	1.3	1.7	0.1											
Rice	11.9	19.2	16.9	12.8	18.1	17.4	15.1	15.3	12.5	16.5	14.3	-1.3	-1.5	-0.9											
Sorghum	6.9	9.7	9.2	8.6	11.2	7.2	12.2	12.6	8.0	12.1	8.5	10.5	1.3	0.0											
Millet	7.6	11.2	7.8	8.5	6.5	6.4	10.9	9.8	9.8	10.1	9.9	3.5	4.6	0.0											
Cassava	107.3	132.0	123.5	104.0	104.0	103.9	102.1	103.5	101.1	88.4	102.6	1.6	-0.1	-1.0											

(Table continues on the following page)

8-13. Agricultural yields by major crop

	Thousands of hectograms per hectare											* Average annual percentage growth		
	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	75-84	85-89	90-MR
TOGO														
Coffee(green)	4.9	6.2	6.8	6.8	7.0	6.6	6.7	6.5	6.7	6.5	6.5	2.7	-1.2	0.2
Cocoa	4.5	2.0	1.9	1.8	2.1	2.0	1.9	2.8	2.5	2.9	2.9	-1.8	4.1	2.4
Seed Cotton	7.7	12.5	12.4	11.6	11.2	13.5	10.6	13.3	13.5	13.8	13.8	7.8	5.6	1.1
Maize	9.2	9.7	9.1	10.1	11.6	9.3	8.6	9.4	10.7	9.9	9.9	3.2	-3.3	-0.2
Sorghum	7.5	6.2	7.4	7.8	6.4	7.1	8.7	6.3	7.4	6.7	6.7	1.3	-2.9	-0.5
Millet	2.6	4.1	3.7	5.6	5.0	4.8	4.6	4.7	5.2	4.5	4.5	-7.9	2.4	-0.4
Cassava	103.3	76.9	77.9	69.0	68.6	53.8	59.2	56.9	60.3	51.9	51.9	-8.7	1.6	-2.6
Yams	86.6	90.7	90.3	83.3	103.4	82.2	85.8	87.2	110.3	105.8	105.8	0.1	-2.8	0.2
TUNISIA														
Wheat	10.2	12.7	17.0	17.0	13.7	10.7	12.8	16.2	10.9	14.0	14.7	5.4	12.9	0.9
Barley	7.7	9.4	13.1	12.0	9.3	5.9	6.6	11.9	5.2	11.6	10.8	4.0	20.8	1.2
UGANDA														
Coffee(green)	6.0	4.8	5.5	4.2	5.5	7.5	6.9	10.3	8.1	7.4	7.5	-1.0	1.0	2.7
Seed Cotton	0.4	2.8	2.0	1.3	3.0	3.3	3.3	3.3	3.3	2.6	2.6	-11.8	-1.1	2.4
Millet	16.5	15.0	15.0	16.0	15.1	14.8	16.0	11.0	12.7	16.0	16.0	3.3	1.1	-0.2
Maize	11.1	15.0	13.5	15.0	16.0	15.1	16.0	13.0	12.4	12.5	12.3	0.9	-1.1	-0.8
Sorghum	17.9	15.0	14.8	15.0	15.0	15.0	15.0	11.0	10.7	15.0	16.0	3.8	1.3	-0.1
Cassava	68.6	83.0	83.0	80.0	85.1	65.0	67.0	67.0	67.0	90.0	90.9	-1.0	0.3	-0.2
Plantains	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ZAIRE														
Coffee(green)	3.7	3.5	3.3	3.2	3.6	3.5	3.7	3.7	3.7	3.7	2.9	-1.0	0.9	-0.1
Palm oil	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maize	8.0	8.2	8.1	8.1	8.3	8.3	8.8	8.0	8.2	8.2	7.9	1.1	1.2	-0.1
Rice	8.0	8.1	8.0	7.3	7.2	7.3	7.5	7.1	7.1	7.3	7.0	0.2	0.3	-0.8
Cassava	70.0	80.7	80.0	80.0	78.1	77.2	77.5	81.1	80.3	79.4	78.6	0.1	-0.3	-0.1
Plantains	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ZAMBIA														
Seed Cotton	5.0	4.8	6.6	4.3	7.3	7.8	6.7	5.6	5.1	4.8	5.1	-5.5	-4.3	-0.3
Tobacco leaves	10.4	8.7	17.8	4.4	5.1	6.7	8.3	10.5	10.8	10.9	10.9	3.6	11.3	0.3
Sunflower	9.2	4.5	2.9	0.5	5.4	6.6	6.5	5.6	3.8	3.6	5.1	-2.5	6.9	3.5
Maize	16.9	14.3	17.1	7.3	25.2	15.0	14.2	20.9	14.8	15.6	14.3	0.8	-6.4	-0.1
Wheat	40.7	43.9	43.8	43.3	40.1	43.0	50.0	55.8	66.2	56.7	74.8	-2.7	-5.1	2.2
Cassava	50.0	50.4	51.8	50.9	51.7	50.0	49.2	51.7	50.1	49.5	50.0	0.5	-0.2	-0.1
ZIMBABWE														
Tobacco leaves	19.5	21.7	24.9	24.3	21.9	24.6	24.2	24.2	22.0	26.3	21.0	1.4	1.2	0.1
Seed Cotton	17.5	8.2	7.8	2.7	8.6	7.8	4.6	9.2	8.9	9.2	8.3	0.8	-3.4	0.6
Sugarcane	1,031.2	955.2	1,027.2	89.3	597.8	1,072.5	1,109.7	905.1	1,081.6	962.2	1,083.0	1.8	-0.8	1.5
Maize	13.4	17.2	14.4	4.1	16.3	16.6	6.0	17.0	13.4	11.6	10.5	-3.4	-14.4	-1.0
Wheat	49.7	58.2	56.4	48.3	70.3	56.1	20.8	54.9	51.7	53.8	56.1	1.9	0.0	-0.2

* The Bank least square methodology was used to compute the average annual percentage growth.

Notes: The following commodities are in their least-processed form unless otherwise indicated:

Cotton, seed cotton
Groundnuts, unshelled
Coffee, green or roasted
Rice, paddy
Cloves, whole
Cocoa, beans
Tobacco, leaves
Sunflower, seeds

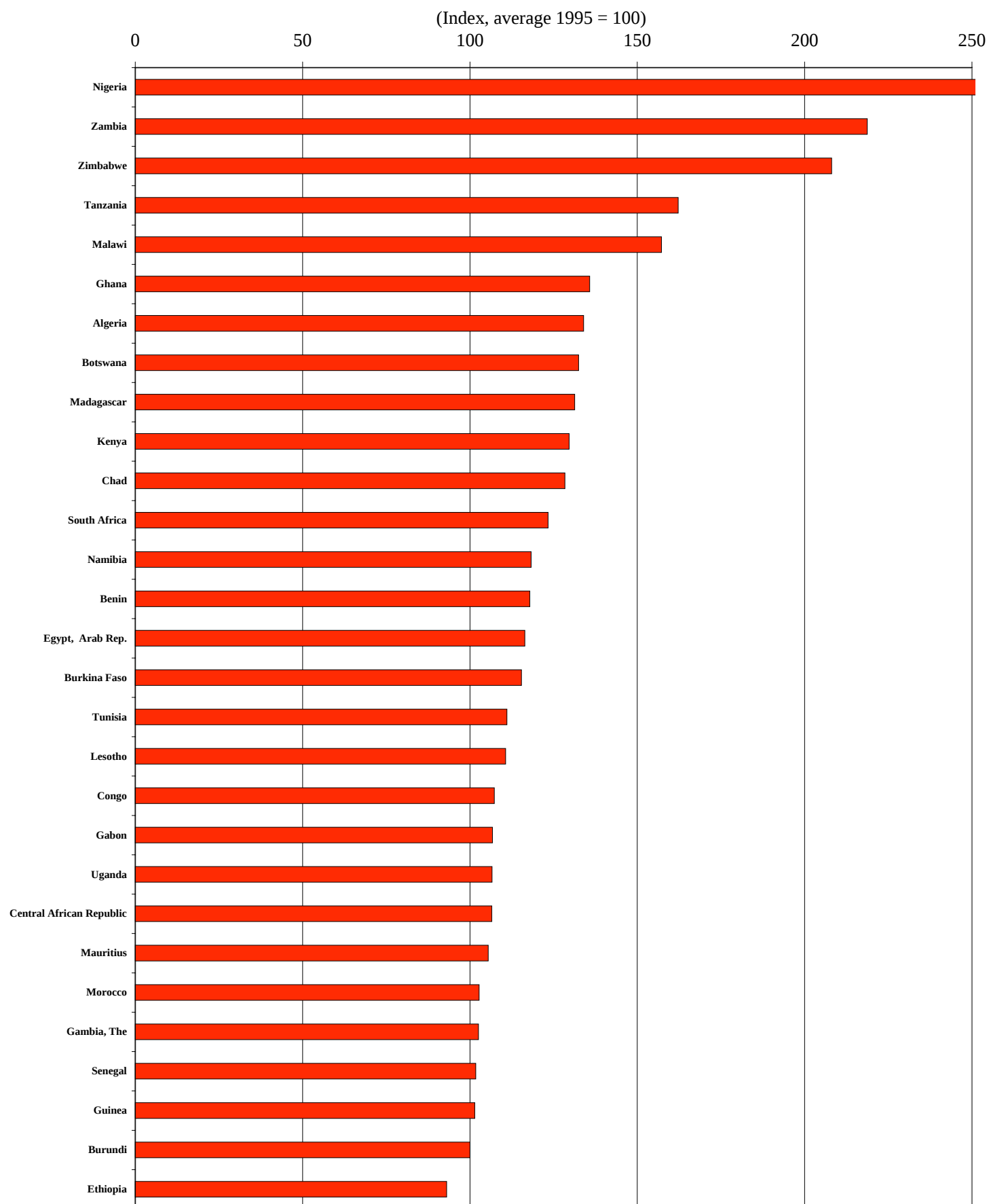
1 hectogram = 100 grams = 3.527 oz.

Countries excluded from listing: Cape Verde, Djibouti, Sao Tome and Principe, and Seychelles.

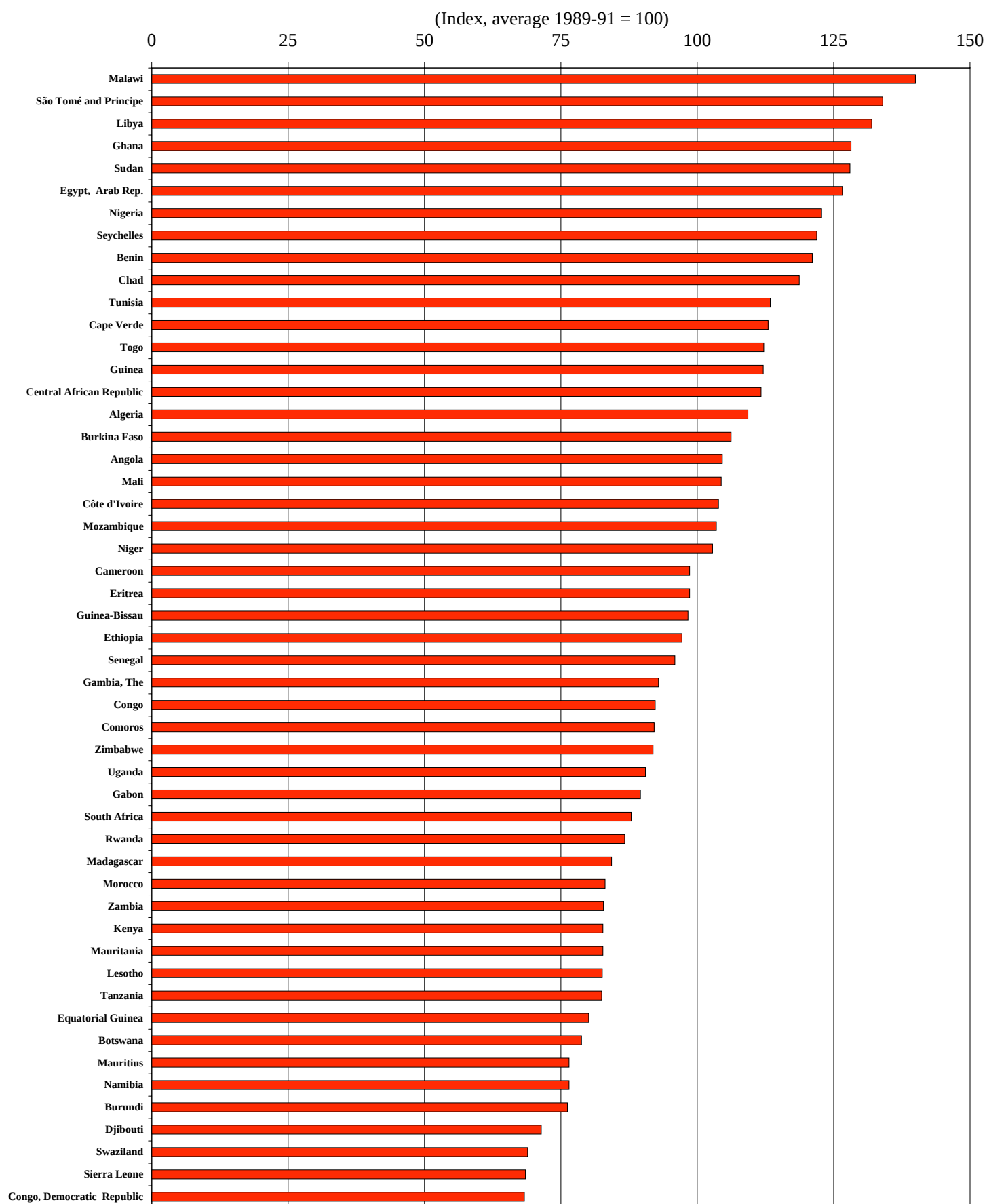
For livestock "yield", see Table 8-6. Food Output by Major Crops.

8-14. Incidence of drought

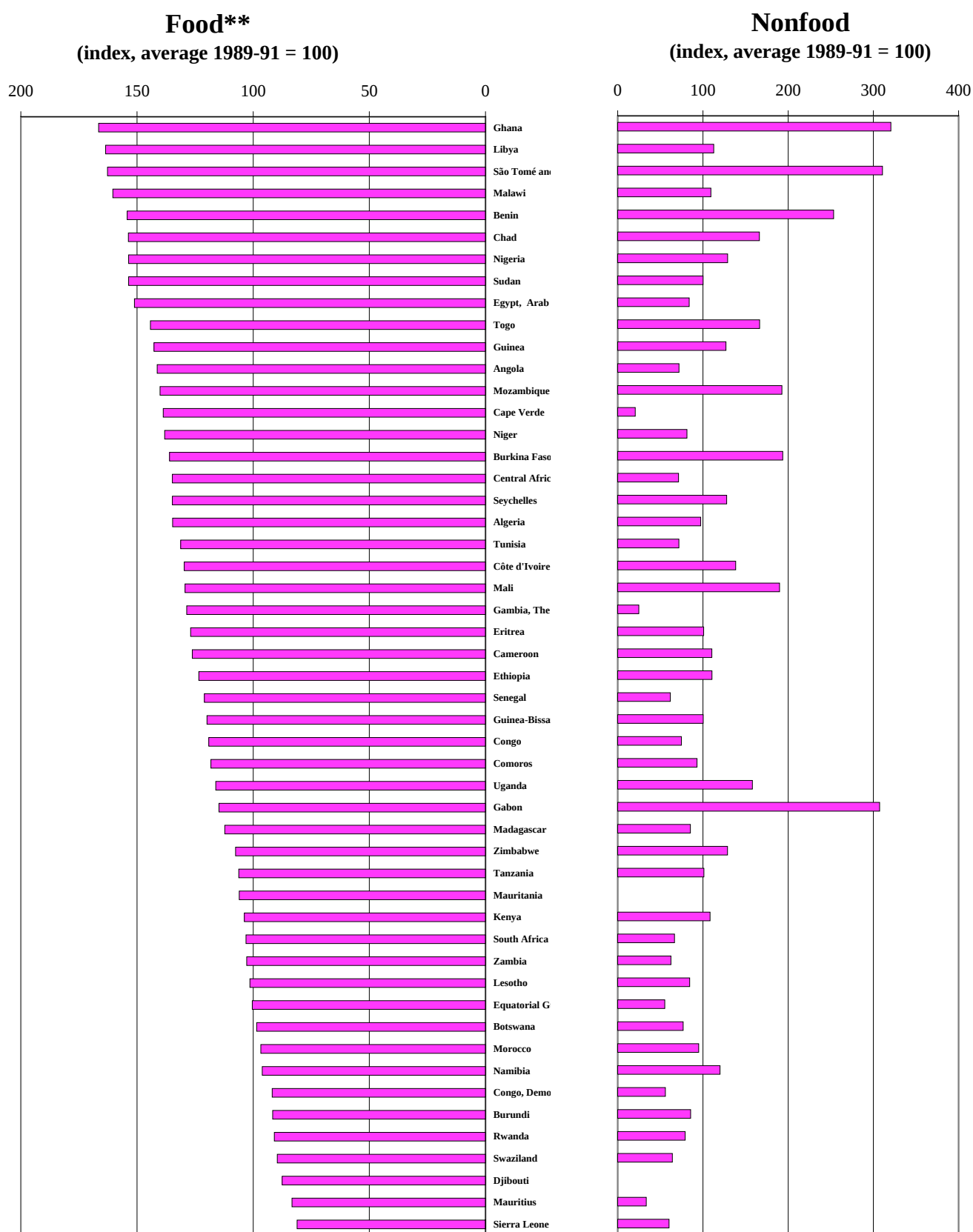
	D=Significant shortage of rain												
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
SUB-SAHARAN AFRICA	..	..	..	..	..	..	..	..	..	..	..	..	..
excluding South Africa	..	..	..	..	..	..	..	..	..	..	..	..	..
excluding South Africa & Nigeria	..	..	..	..	..	..	..	..	..	..	..	..	..
Angola	..	..	..	..	..	..	..	..	..	..	..	..	..
Benin	..	..	..	..	..	..	..	..	..	..	..	..	..
Botswana	D	D	..	..	..	..	D	..	..	D	..	..	..
Burkina Faso	..	..	..	..	..	..	..	..	..	..	..	D	..
Burundi	..	..	..	..	..	..	..	..	..	..	..	..	D
Cameroon	..	..	..	..	..	..	..	..	..	..	D	D	..
Cape Verde	..	..	..	..	..	..	..	D	D	..	..	D	D
Central African Republic	..	..	..	..	..	..	..	..	..	..	..	..	..
Chad	..	..	..	..	..	..	..	D	..	D	D	D	..
Comoros	..	..	..	..	..	..	..	..	..	..	..	..	..
Congo, Democratic Rep. of	..	..	..	..	..	..	..	..	..	..	..	..	..
Congo, Republic of	..	..	..	..	..	..	..	..	..	..	..	..	..
Côte d'Ivoire	..	..	..	..	..	..	..	..	..	..	..	D	..
Djibouti	..	..	..	..	..	..	..	..	..	..	..	..	..
Equatorial Guinea	..	..	..	..	..	..	..	..	..	..	..	..	..
Eritrea	..	..	..	..	..	..	..	..	..	..	D	D	..
Ethiopia	..	D	D	..	..	D	D	..	D	..	..	D	..
Gabon	..	..	..	..	..	..	..	..	..	..	..	..	..
Gambia, The	..	..	..	..	..	..	..	..	..	..	..	..	..
Ghana	..	..	..	..	..	..	..	..	..	..	..	..	D
Guinea	..	..	..	..	..	..	..	..	..	..	..	..	..
Guinea-Bissau	..	..	..	..	..	..	..	..	..	..	..	..	..
Kenya	..	..	..	..	..	..	D	D	..	..	..	D	D
Lesotho	..	..	..	..	..	..	D	..	..	D	..	..	..
Liberia	..	..	..	..	..	..	..	..	..	..	..	..	..
Madagascar	..	..	..	..	..	..	..	..	..	..	..	..	..
Malawi	..	..	..	..	..	..	D	..	D	D	..	D	D
Mali	..	..	..	..	..	..	..	..	..	..	..	..	..
Mauritania	..	..	..	..	..	..	..	..	..	..	..	..	..
Mauritius	..	..	..	..	..	..	..	..	..	..	..	..	..
Mozambique	..	..	..	..	..	..	D	..	..	D	..	..	D
Namibia	..	..	..	..	..	..	D	..	..	D	..	..	..
Niger	..	D	..	..	D	..	..	..	..	D	D	D	..
Nigeria	..	..	..	..	..	..	..	..	..	..	..	..	..
Rwanda	..	..	..	..	..	..	..	..	..	D	D	..	D
São Tomé and Príncipe	..	..	..	..	..	..	..	..	..	..	..	..	..
Senegal	..	..	..	..	..	..	..	..	..	..	..	..	..
Seychelles	..	..	..	..	..	..	..	..	..	..	..	..	..
Sierra Leone	..	..	..	..	..	..	..	..	..	..	..	..	..
Somalia	..	..	..	..	..	..	..	..	..	..	..	..	D
South Africa	..	..	..	..	..	..	D	..	..	D	..	D	..
Sudan	..	D	..	D	D	..	..	..	..	D	..	D	..
Swaziland	..	D	..	..	..	..	D	..	..	D	..	..	..
Tanzania	..	..	..	..	..	..	D	..	..	..	..	D	D
Togo	..	..	..	..	..	..	..	..	..	..	..	..	..
Uganda	..	..	..	..	..	..	..	..	..	..	..	D	..
Zambia	..	..	..	..	..	..	D	..	D	D	..	D	D
Zimbabwe	..	..	..	..	..	..	D	..	D	D	..	..	..
NORTH AFRICA	..	..	..	..	..	..	..	..	..	..	..	..	..
Algeria	..	..	D	D	..	..	..	D	D	D	..	D	..
Egypt, Arab Republic	..	..	..	..	..	..	..	..	..	..	..	..	..
Libya	..	..	..	..	..	..	..	..	..	..	..	..	..
Morocco	..	..	..	..	..	..	..	..	..	D	..	D	..
Tunisia	D	..	D	D	..	..	..	..	..	D	..	..	..
ALL AFRICA	..	..	..	..	..	..	..	..	..	..	..	..	..

Figure 8-1. Food price index, 1998*

* Or most recent year available.

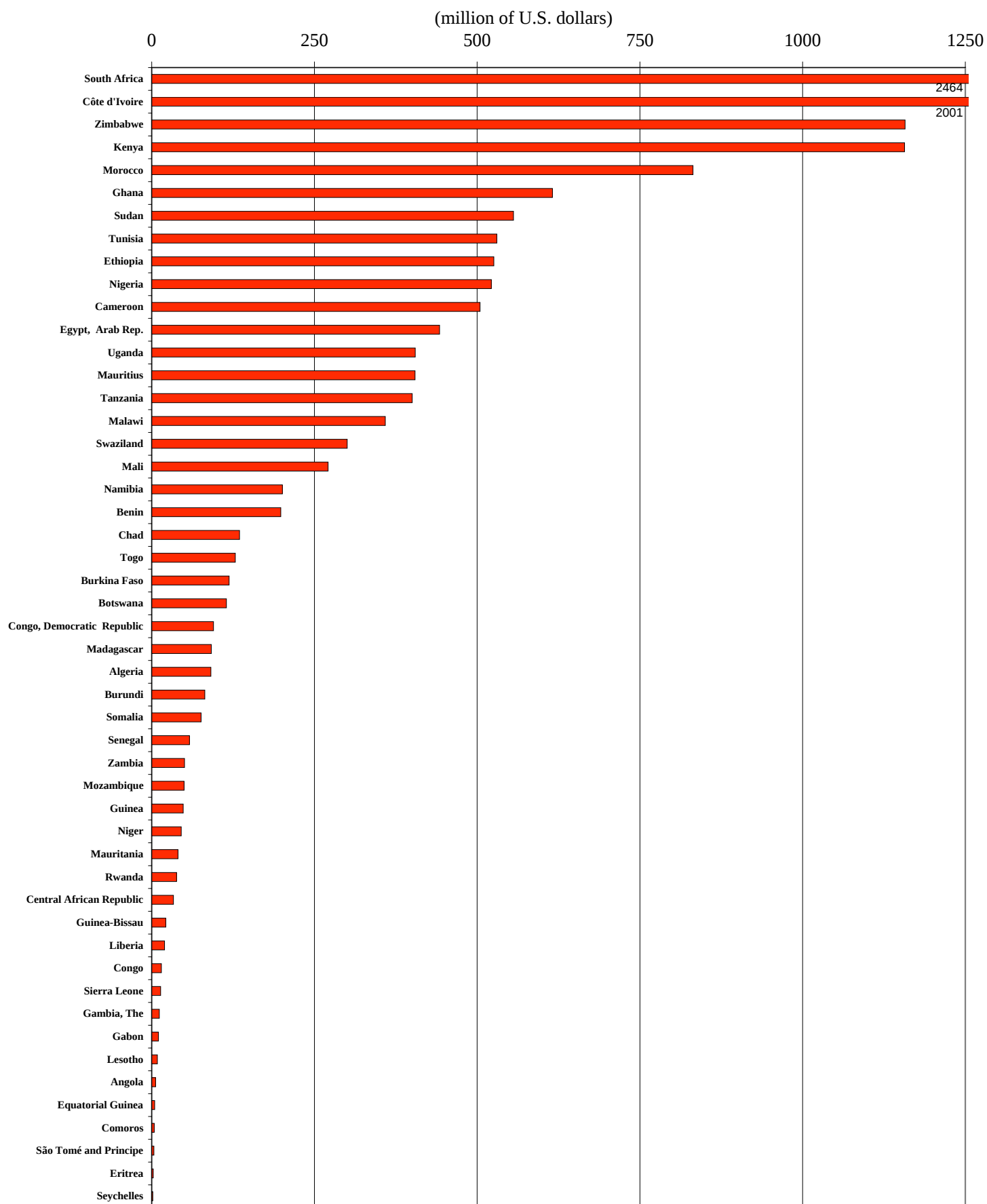
Figure 8-2. Food production per capita index, 1998*

* Or most recent year available.

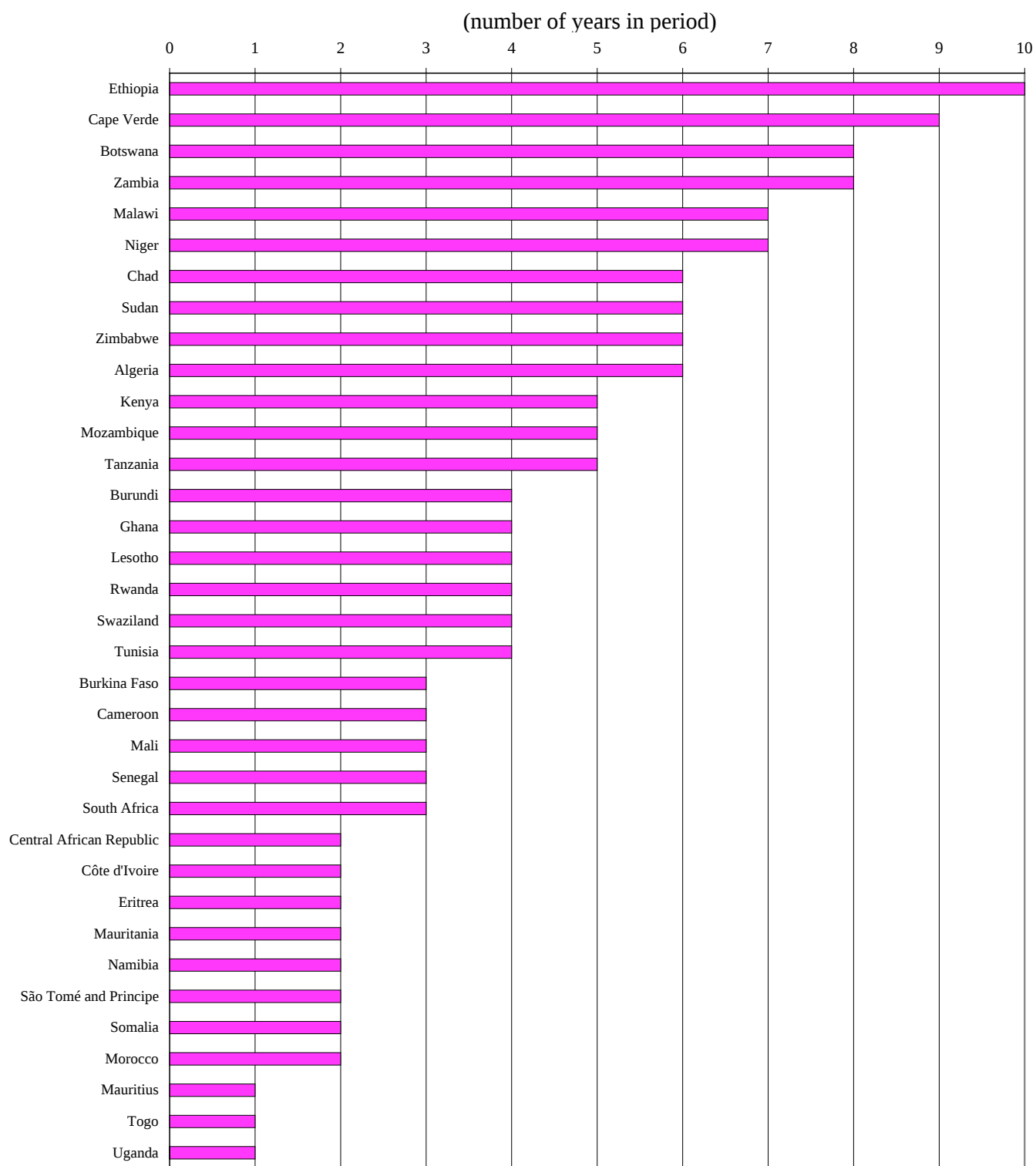
Figure 8-3. Food and nonfood production index, 1999*

* Or most recent year available.

** Sorted by food production.

Figure 8-4. Agriculture exports, 1998*

* Or most recent year available.

Figure 8-5. Drought, 1980-1998

Technical notes

Tables

Table 8-1. Nominal producer prices. Data on nominal producer prices are compiled from the FAO. In general, the figures reflect the average annual price received by farmers in the most important producing regions. But given the wide regional and seasonal variation and the lack of precision in recording specifics about prices quoted, the data should be interpreted only as a rough indication of price levels for an entire country during an entire year.

Unlike *ADI 1992*, because of lack of recent information, this volume does not differentiate between official producer prices and farmgate prices. In most cases they happen to be the same.

Crop years for most countries span parts of two calendar years; planting takes place in the first calendar year, while harvest and marketing take place at the end of the first and beginning of the second year. For consistency, producer prices are listed corresponding to the calendar year during which planting decisions are made. For example, producer prices for the crop year 1987/88 are listed as 1987.

For each country, up to four exports crops and five food crops are included, which represent the most important commodities for that country in terms of value of total production during the early 1980s. The food crops include up to three cereals of “traded” grains (those commonly imported or exported) and up to two “nontraded” staples, generally roots and tubers, which are not normally imported or exported by African countries. In the table, these categories of crops are designated by the following symbols: X1

through X4 for export crops; F1 through F3 for traded food crops; and NT1 and NT2 for nontraded staple food crops. The categorization is consistent across countries, but the numbering of crops within categories in each country depends on which crops are most important.

Where commodities may be marketed in several different forms, the form is generally specified (for instance, shelled or unshelled groundnuts). When not specified, the form of the commodity is the most common (for instance, shelled and dried maize). Where commodities are graded, an average grade has been used unless otherwise specified.

Table 8-2. Food price index. This is a subindex of the consumer price index. It reflects the cost to the average consumer of acquiring a fixed basket of food (IMF, IFS).

Table 8-3. Food production index. These indexes are based on 169 commodities that provide calories when consumed (FAO data). Some of these (such as cottonseed, cocoa, and vanilla) are not, however, a significant part of African diets, but are produced primarily for export.

Table 8-4. Nonfood production index. Data in this table are derived from 29 products that are not considered nutritious, including coffee, rubber, cotton lint, and tobacco leaves (FAO data).

Table 8-5. Food production per capita index. These are derived as the ratio of the food production index

(Table 8-3) and estimated total midyear population figures (Table 1-2).

Table 8-6. Volume of food output, by major food crop. The table covers, with only a few differences, the same major food crops as presented in Table 8-1, excluding beverages (coffee, tea, cocoa), cotton, and tobacco. Included also are figures for livestock, which represent the combined total head of cattle, sheep, goats, pigs, horses, asses, and mules, and figures for the total head of rabbits (FAO data).

Table 8-7. Value of agricultural exports. Value of agricultural exports is expressed in current U.S. dollars at f.o.b. prices (FAO data).

Table 8-8. Cereal production. This refers to crops harvested for dry grain only. Cereal crops harvested for hay or harvested green for food, feed, or silage and those used for grazing are excluded (FAO data).

Table 8-9. Crop production index. Shows agricultural production for each year relative to the base period 1989–91. It includes all crops except fodder crops (FAO data).

Tables 8-10 and 8-11. Fertilizer use and imports. Figures are in metric tons and represent the aggregate of nitrogenous, phosphate, and potash fertilizers (FAO database for *Fertilizer Yearbook*).

Table 8-12. Area under permanent crops. Reflects land under permanent crops as defined and reported by THE FAO.

Table 8-13. Agricultural yields, by major crop. This table follows closely the selection of commodities of Table 8-1. Units are in thousands of hectograms (which are equivalent to hundreds of kilograms) per hectare. Most of the data come from the database for the FAO Production Yearbook, with additional information from World Bank agricultural sector reports.

Table 8-14. Incidence of drought. This is the only indicator in this chapter based on subjective considerations. Data on rainfall levels from other sources are usually presented to suit different purposes, without considering seasonal and regional characteristics of the producing regions. A low rainfall level might not harm agricultural production, if it did not adversely affect the regions where the main crops are produced, whereas an average rainfall level might be associated with difficulties in the producing regions, due to delay, for example. Therefore, simply presenting the annual rainfall levels would not necessarily enrich the agricultural data.

For each country, a binary classification was thus created. A “D” was assigned to a country if a significant shortage of rain unfavorably affected its agricultural production. For normal or average rainfall, the standard sign was given, as in the cases of insufficient information or “not applicable.” (Specialists who work on the relevant countries were surveyed, as well as World Bank agricultural and environmental experts. In addition, the Federal Early Warning System project of the U.S. Agency for International Development provided information for 1993–94 for about half of the countries listed.)

Figures

The following indicators have been used to derive the figures in this chapter.

Figure 8-1. Food price index (Table 8-2).

Figure 8-2. Food production per capita index (Table 8-5).

Figure 8-3. Food production index (Table 8-3); non-food production index (Table 8-4).

Figure 8-4. Agricultural exports (Table 8-7).

Figure 8-5. Drought (Table 8-14).

Methodology used for regional aggregations and period averages in chapter 8

Table	Aggregations ^a				Period averages ^b
	(1)	(6)	(7)	(8)	(2)
8-1				X	
8-2			X		X
8-3		X			X
8-4			X		
8-5			X		X
8-6				X	X
8-7	X				X
8-8	X				X
8-9		X			X
8-10	X				X
8-11	X				X
8-12	X				X
8-13				X	X
8-14				X	

Note: Regional aggregations are shown in the rows for Sub-Saharan Africa, North Africa, and All Africa. Period averages are shown in the last three columns. This table shows only the methodologies used in this chapter.

a. Regional aggregations: (1) simple total; (2) simple total of the first indicator divided by the simple total of the second indicator (same country coverage); (3) simple total of the gap-filled indicator; (4) simple total of the gap-filled main indicator divided by the simple total of the gap-filled secondary indicator; (5) simple total of the first gap-filled main indicator less the simple total of the second gap-filled main indicator, all divided by the simple total of the secondary indicator; (6) weighted total (by population); (7) median; (8) no aggregation; (9) simple arithmetic mean.

b. Period averages: (1) arithmetic mean (using the same series as shown in the table i.e., ratio if the rest of the table is shown as ratio, level if the rest of the table is shown as level, growth rate if the rest is shown as growth rate); (2) least-squares growth rate (using main indicator); (3) least-squares growth rate (using main indicator in constant terms, with the rest of the table in current terms).