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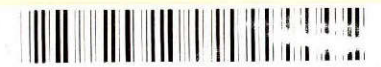
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## Structure of National Output, 1948-51

Industry	1948-9	1949-50	1950-51
	(Output in £m.)		
1. Cocoa farming	37	37	56
2. Forestry	4	4	5
3. Mining	7	11	13
4. Building and construction	3	4	5
5. Public enterprises (railways, etc.)	3	3	3
6. Other industries and services	38	56	63
7. Public administration	6	7	7
8. Gross territorial product	98	122	152

## CROP PRODUCTION ('000 TONNES) 1955, 1958 AND 1962-69

Commodity	1955	1958	1962	1963	1964	1965	1966	1967	1968	1969
Maize	168.6	180.6	168.6	180.6	168.6	204.7	353.2	276.9	252.9	301.1
Sorghum	79.3	89.9	105.2	109.7	112.8	88.4	106.7	82.3	71.6	96.0
Rice	23.2	30.3	30.9	33.1	42.2	32.4	28.9	42.2	42.2	60.5
Millet	98.3	112.1	64.9	67.9	69.8	57.0	65.9	77.7	57.0	89.5
Yams	482.5	482.5	999.0	1100.9	1155.3	1053.4	1168.9	1223.3	1386.4	2004.8
Cassava	511.1	1078.9	795.0	1192.6	1220.9	1107.4	1164.2	1164.2	1050.6	1362.9

Source: Prof. Kodwo Ewusi Statistical Tables on The Economy of Ghana 1950-1985.

PER CAPITA FOOD PRODUCTION (KG/CAPITA)

Year	Population (Million)	Maize	Yam	Sourghum	Millet	Cassava	Yam	Cocoyam	Plantain	Groundnuts
1970	8.6	56.3	5.7	21.7	16.5	279.0	106.2	132.7	191.7	11.9
1971	8.8	52.6	6.2	19.6	14.7	270.1	102.8	128.5	185.6	11.5
1972	9.1	44.3	7.7	16.7	10.9	312.8	74.8	104.1	183.9	9.8
1973	9.3	45.8	6.7	17.9	11.7	307.4	65.0	142.2	222.2	13.6
1974	9.6	50.8	7.7	18.5	16.2	377.2	88.9	157.9	211.7	16.4
1975	9.8	35.0	7.3	13.8	12.4	244.7	72.4	112.2	127.1	11.3
1976	10.0	28.6	7.0	18.9	14.4	181.9	57.5	77.3	125.6	11.3
1977	10.0	30.3	6.1	13.6	12.9	205.7	48.3	61.5	75.3	8.8
1978	10.6	25.4	5.8	12.9	11.4	220.2	48.8	64.2	85.1	6.6
1979	10.8	28.6	5.8	14.8	13.7	214.8	50.9	64.7	72.6	8.9
1980	11.1	31.9	5.8	14.1	12.3	260.9	47.1	76.4	83.9	12.8
1981	11.4	29.3	3.9	15.0	11.5	238.7	40.6	85.3	73.2	11.1
1982	11.7	22.6	3.2	10.8	10.3	169.7	32.0	64.6	65.7	9.5
1983	12.0	11.8	2.3	8.8	9.5	114.6	29.5	51.1	62.9	7.6
1984	12.0	47.8		14.7	11.6	338.8	60.4	n.a	n.a	n.a
1985	12.5	31.6		14.8	9.6	246.0	44.8	n.a.	n.a	n.a

Source: S.K. Dapaah: Agricultural Intervention and Pricing Policies for Africa: The Case of Ghana p.

## CROP PRODUCTION ('000 TONNES) 1970-1986

COMMODITY	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Maize	481.6	465.4	402.4	426.8	485.7	343.4	286.0	274.0	218.0	380.0	382.0	378.0	346.0	172.0	574.0	395.0
Sorghum	185.9	172.7	152.4	166.6	176.8	135.1	189.0	131.0	121.0	158.0	132.0	131.0	85.0	56.0	176.0	185.0
Rice	48.8	54.9	70.1	62.0	73.2	71.1	70.0	109.0	108.0	93.0	78.0	97.0	36.0	40.0	76.0	80.0
Millet	141.2	130.1	98.6	108.7	154.4	121.9	144.4	125.0	93.0	149.0	82.0	119.0	76.0	40.0	139.0	120
Yams	909.0	909.4	678.8	605.9	849.5	709.2	574.9	535.0	544.0	602.0	650.0	591.0	588.0	866.0	725	560
Cocoyams	1136.0	1136.0	945.0	1325.0	1510.0	1099.4	773.0	722.0	726.0	749.0	643.0	631.0	628.0	720.0	N/A	N/A
Cassava	2387.8	2387.8	2840.0	2865.0	3606.1	2398.0	1819.0	1811.0	1895.0	1759.0	2322.0	2063.0	2470.0	1729.0	4065.0	3075.0
Plantain	1641.0	1641.0	1669.5	2070.8	2024.1	1245.7	1255.6	927.0	940.0	817.0	734.0	829.0	745.0	342.0	N/A	N/A
Cowpeas	10.6	106	9.1	7.4	10.8	10.7	12.1	11.0	8.0	9.0	16.0	17.0	14.1	11.7	N/A	N/A
Groundnut-s	101.6	101.6	89.4	127.0	156.5	110.8	113.0	81.0	83.0	107.0	142.2	125.9	111.1	91.1	N/A	N/A
Cocoanuts	301.8	301.8	295.8	305.8	306.9	310.9	229.0	152.0	159.0	159.0	174.4	422.5	337.0	338.8	N/A	N/A
Cocoa	413.0	454.0	407.0	340.0	376.0	396.0	320.0	271.0	265.0	281.0	254.0	220.0	178.0	158.0	166.7	194.4
Sugarcane	111.8	111.8	145.3	161.2	170.9	204.9	190.0	258.0	272.0	N/A	171.2	184.6	158.5	85.9	N/A	N/A
Seed Cotton	0.2	0.4	1.3	1.9	2.5	3.0	9.0	11.4	4.5	5.2	3.0	0.7	0.5	0.5	N/A	N/A
Rubber	0.7	1.0	1.2	1.3	1.8	2.1	2.7	2.7	3.3	3.3	1.7	0.7	0.7	0.5	N/A	N/A
Tobacco	0.9	1.4	1.7	2.6	3.3	2.3	2.1	0.8	0.8	0.8	0.4	0.5	0.6	0.5	N/A	N/A
Banana	15.6	15.6	15.6	11.4	8.1	6.8	9.0	4.0	3.0	7.0	2.5	3.7	4.7	3.0	N/A	N/A
Tomat-oes	92.5	92.5	110.8	98.6	194.7	90.4	99.9	103.0	104.0	125.0	83.7	763.8	52.3	57.2	N/A	N/A
Oranges	129.0	129.0	90.8	128.0	150.4	150.4	51.5	19.0	21.0	N/A	154.2	183.7	107.9	120.3	N/A	N/A
Garden Eggs	10.1	10.1	21.3	30.5	28.5	28.5	26.0	12.0	12.0	12.0	31.5	24.0	24.2	22.2	N/A	N/A
Oil Palm (Fresh Fruit Bunches)	696.0	696.0	711.2	782.4	916.5	901.3	280.6	739.0	935.0	1012.0	914.0	889.4	889.4	889.4	N/A	N/A

Source: World Bank Ghana Agricultural Sector Review Report No. 5366 - GH, p.  
 Statistical Service, Quarterly Digest of Statistics March 1987, Vol.V No.7 p.5



AREA UNDER CULTIVATION FOR SELECTED CROPS

CROPS	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Cereals	n.a.	960.0	804.9	842.8	768.0	645.0	924.0	939.0	843.0	822.0	835.0		
Maize	447	424.9	319.7	273.2	256.0	205.0	358.0	440.0	372.0	373.0	400.0	724.0	405.0
Rice	n.a.	66.8	78.5	77.0	129.0	123.0	105.0	99.0	116.0	61.0	40.0	769.0	87.0
Millet	246	222.2	198.7	243.4	208.0	157.0	250.0	139.0	157.0	172.0	175.0	231.0	222.0
Guinea Corn	240	246.1	208.0	249.2	175.0	160.0	211.0	261.0	198.0	216.0	220.0	251.0	250.0
Starchy Staples	n.a.	1147.7	897.0	727.7	636.0	646.0	621.0	688.0	686.0	736.0	742.0	n.a.	n.a.
Cassava	346	388.5	284.5	250.0	232.0	235.0	219.0	315.0	308.0	339.0	339.0	436.0	356
Cocoyam	n.a.	283.7	205.2	167.0	147.0	155.0	158.0	137.0	134.0	145.0	147.0	n.a.	n.a.
Yam	170	132.7	177.4	99.7	89.0	95.0	105.0	113.0	116.0	111.0	113.0	223.0	111.0
Plantain	285	342.8	229.0	211.0	168.0	161.0	139.0	123.0	128.0	141.0	143.0	n.a.	n.a.
Pulse and Nuts	n.a.	443.2	430.2	425.8	373.0	359.0	391.0	371.4	490.6	464.1	410.3	n.a.	n.a.
Groundnuts	97	110.9	101.9	91.4	85.0	71.0	92.0	83.8	118.8	115.1	95.3	n.a.	n.a.
Cocoruts	n.a.	37.6	37.6	27.6	23.0	21.0	21.0	21.1	52.3	45.2	45.5	n.a.	n.a.
Oil Palm	n.a.	146.1	143.7	144.0	108.0	149.0	157.0	145.7	143.3	143.3	143.3	n.a.	n.a.
Beans and Peas	n.a.	148.6	147.0	162.8	157.0	118.0	121.0	120.8	176.2	160.5	126.2	n.a.	n.a.
Vegetables	n.a.	136.4	98.4	92.6	74.0	72.0	86.0	77.6	55.4	52.8	46.5	n.a.	n.a.
Tomatoes	n.a.	22.7	19.0	22.1	16.0	22.0	27.0	18.9	13.5	9.7	1.2	n.a.	n.a.
Pepper	n.a.	53.0	39.7	38.5	28.0	26.0	31.0	27.7	24.6	23.4	23.2	n.a.	n.a.
Ogro	n.a.	51.0	32.4	23.3	24.0	20.0	24.0	20.5	8.6	10.9	14.8	n.a.	n.a.
Garden Eggs	n.a.	9.7	7.3	8.7	6.0	4.0	4.0	10.5	8.7	8.8	7.3	n.a.	n.a.

Source: Statistical Service, Quarterly Digest of Statistics, March 1987 Vol.V No.7 p.4.

**HOLDERS ENGAGED IN CROP PRODUCTION (SELECTED CROPS) 1970, 1974, 1984**

	1970		1974		1970-1974	1984	
	NUMBER ( '000)	AS % OF ALL HOLDERS	NUMBER ( '000)	AS % OF ALL HOLDERS	CHANGE %	NUMBER ( '000)	AS % OF ALL HOLDERS
MAIZE	413.8	51	615.6	71.8	48.8	1171.72	63.3
MILLET	146.0	18	154.4	18.0	5.8	199.59	10.8
GUINEA CORN	164.4	20	153.1	17.8	-7.0	229.59	12.4
CASSAVA	477.9	59	N/A	N/A	N/A	1382.66	74.7
YAM	208.4	26	214.5	25.0	2.9	274.76	14.9
COCONUTS	298.5	37	393.6	45.8	31.9	793.09	43.0
GROUNDNUTS	118.6	15	172.7	20.1	45.6	271.46	14.7
PLANTAIN	333.7	41	363.3	42.4	8.9	473.52	25.6
ALL HOLDERS: GHANA	805.2	100.0	857.7	100.0	6.5	1850.29	

SOURCE: Prof. Kodwo Eshu, *The Dimensions and Characteristics of Rural Poverty in Ghana*, ISSER Technical Publication No. 43.

N.C.A. Unpublished data from Agricultural Sample Census, 1984.

**PERCENTAGE DISTRIBUTION OF NUMBER OF FARMS OPERATED BY HOLDER BY REGIONS 1970, 1984**

REGION	1970					TOTAL	REGION	1984				TOTAL
	1 FARM	2-3 FARMS	4-5 FARMS	6-9 FARMS	10+ FARMS			1 FARM	2 FARMS	3 FARMS	4+ FARMS	
WESTERN	27	45	18	8	2	100	WESTERN	62	31	6	1	100
CENTRAL	26	45	17	9	3	100	CENTRAL	72	24	3	1	100
EASTERN	23	47	19	9	2	100	EASTERN	145	10	8	3	100
VOLTA	26	46	16	10	2	100	VOLTA	68	24	7	1	100
ASHANTI	18	47	22	11	2	100	ASHANTI	61	30	7	2	100
BRONI AKAFO	26	52	15	6	1	100	BRONI AKAFO	59	32	7	2	100
NORTHERN	26	68	5	1	N/A	100	NORTHERN	30	59	9	2	100
UPPER	28	55	13	4	N/A	100	UPPER	64	56	52	23	100

SOURCE: The Dimensions and Characteristics of Rural Poverty in Ghana by Prof. Kodwo Eshu, ISSER Technical Publication No. 43.

SOURCE: Report on Sample Census of Agric. of Ghana 1984 Vol. 1 by Econ. Research and Planning Service of the Ministry of Agric. P. 34.

**NUMBER OF HOLDERS BY REGION 1970, 1974 & 1984**

REGION	1970		1974		1984		1970-74	1970-84	1970-84
	TOTAL	%	TOTAL	%	TOTAL	%	% CHANGE	% CHANGE	% Change In No. of Holders In Total Population
WESTERN	68100	8.5	76500	8.9	106190	11.1	12.3	202.78	45.0
CENTRAL	81100	10.1	88100	10.3	217510	11.7	8.6	168.20	28.7
EASTERN	148200	18.4	181700	21.2	292840	15.8	22.6	97.60	46.7
VOLTA	108600	13.5	115500	13.5	274480	14.8	6.4	152.74	26.8
ASHANTI	147700	18.3	146400	17.0	314250	17.0	-0.9	112.76	41.0
BRONI AHAPO	71600	8.9	83700	9.8	252669	13.7	16.9	252.89	53.9
NORTHERN	61200	7.6	59800	6.9	139900	7.6	-2.3	128.59	59.8
UPPER	118700	14.7	106000	12.4	152190	8.3	-10.3	28.21	40.3
ALL SOUTHERN	625300	77.7	691900	80.7	1557939	84.21	10.7	149.15	41.1
ALL NORTHERN	179900	22.3	165800	19.3	298990	15.79	-7.8	62.36	49.2
TOTAL GHANA	805200	100.0	857700	100.0	1850929	100.0	6.5	120.76	42.5

SOURCE: Prof. Kodwo Eshu: The Dimensions and Characteristics of Rural Poverty in Ghana ISSER Tech. Publication No. 43.

M.O.A. Unpublished Data from Agriculture Sample Census, 1984.

SIZE DISTRIBUTION OF HOLDINGS IN GHANA (NATIONAL) 1970 & 1984

Size of Holdings (Acres)	1970				1984	
	Holdings		Land Within Each Group %	Cumulative Land AREA %	Holdings	
	Number	%			Number	%
0 - 1.9	246100	30.6	3.7	3.7	1223100	66.1
2.0 - 3.9	194200	24.1	9.0	12.7	338700	18.3
4.0 - 5.9	105200	13.1	8.2	20.9	134800	7.3
6.0 - 7.9	71800	8.9	7.8	28.7	61000	3.3
8.0 - 9.9	42100	5.2	5.9	34.6	31000	1.7
10.0 -14.9	55000	6.8	10.8	45.4	34100	1.8
15.0 -19.9	31600	3.9	8.7	54.7	14300	0.8
20.0 -29.9	27200	3.4	10.7	64.8	7300	0.4
30 or More	32000	4.0	35.2	100.0	5500	0.3
Total	805200	100.0	100.0	100.0	1849800	100.0

Source: 1. Prof. Kodwo Ewusi. The Dimensions and Characteristics of Rural Poverty in Ghana. ICSSR Technical Publication 10.43 p63.

2. Ministry of Agric. Unpublished Data from Sample Census of Agriculture 1984.

SIZE DISTRIBUTION OF HOLDINGS IN GHANA - (NORTH) 1970, 1984

Size of Holdings (Acres)	1970				1984			
	Holdings Number	Holdings %	Land Within Each Group (%)	Cumulative Land Area (%)	Holdings Number	Holdings %	Land Within Each Group (%)	Cumulative Land Area (%)
0 - 1.9	28400	10.6	2.2	2.2	0 - 1.9	84100	28.8	
2.0 - 3.9	57100	21.3	13.8	16.0	2.0 - 3.9	83000	28.4	
4.0 - 5.9	33600	12.5	13.7	29.7	4.0 - 5.9	54000	18.5	
6.0 - 7.9	23600	8.8	13.5	43.2	6.0 - 7.9	27300	9.4	
8.0 - 9.9	98000	36.5	7.2	50.4	8.0 - 9.9	14200	4.9	
10.0 - 14.9	12500	4.7	12.8	63.2	10.0 - 14.9	16900	5.8	
15.0 - 19.9	7700	2.9	11.0	74.2	15.0 - 19.9	7000	2.4	
20.0 - 29.9	4600	1.7	9.4	83.6	20.0 - 29.9	4300	1.5	
30.0 or more	2600	1.0	16.4	100.0	30 Or More	1200	0.4	
Total	268100	100.0	100.0	100.0	Total	29200	100.0	

Source: Prof. Kodes Emsi,  
The Dimensions and Characteristics of Rural Poverty in Ghana,  
ISSER Tech. Publication No. 43. F

Ministry of Agriculture; Unpublished data from the 1984 Agricultural Census.

SIZE DISTRIBUTION OF HOLDINGS IN GHANA - (SOUTH) 1970, 1984

Size of Holdings (Acres)	1970				1984					
	Holdings Number	Holdings %	Land Within Each Group (%)	Cumulative Land Area (%)	Size of Holdings (Acres)	Holdings Number	Holdings %	Holdings Cumulative (%)	Land Within Each Group (%)	Cumulative Land Area (%)
0 - 1.9	217700	34.8	35	4.0	4.0	0 - 1.9	1139000	73.1		
2.0 - 3.9	37100	21.9	5	7.9	11.9	2.0 - 3.9	255700	16.4		
4.0 - 5.9	71600	11.5	1	6.9	18.8	4.0 - 5.9	80800	5.2		
6.0 - 7.9	18200	7.7		6.8	25.3	6.0 - 7.9	33700	2.2		
8.0 - 9.9	2300	5.2		5.6	30.9	8.0 - 9.9	16800	1.1		
10.0 - 14.9	42500	6.8		10.3	41.2	10.0 - 14.9	17200	1.1		
15.0 - 19.9	23900	3.8		8.1	49.3	15.0 - 19.9	7300	0.5		
20.0 - 29.9	22600	3.6		11.0	60.3	20.0 - 29.9	3000	0.2		
30.0 or more	29400	4.7		39.7	100	30 or more	4300	0.3		
Total	625300	100			100.0	Total	1557800	100		

Sources: (1) Prof. Kwame Nusu, *The Dimensions and Characteristics of Rural Poverty in Ghana*, ISSER, Tech. Publication No. 43

(2) Ministry of Agriculture, Unpublished data from Sample Census of Agric. 1984.

AREA UNDER CULTIVATION AND HOLDERS ENGAGED IN CULTIVATION OF SELECTED CROPS BY REGION  
(NO. OF HOLDERS IN '000, AREA IN '000 ACRES - 1970, 1974 & 1984)

National

	SOUTH					NORTH				
	1970	1974	1984	CHANGE (%) 1970 - 74	CHANGE (%) 1970 - 84	1970	1974	1984	CHANGE (%) 1970 - 74	CHANGE (%) 1970 - 84
<b>MAIZE</b>										
Holders	337.8	335.7	379.6	58.6	160.39	76.0	79.9	292.1	5.1	284.34
Acreage	887.0	805.4	845.1	-9.2	64.27	231.0	245.0	330.7	6.0	43.16
<b>MILLET</b>										
Holders	N/A	0.9	N/A	N/A	N/A	146.0	153.5	199.6	5.1	36.71
Acreage	N/A	4.0	N/A	N/A	N/A	615.0	545.1	571.0	-11.4	-7.15
<b>GUINEA CORN</b>										
Holders	4.6	4.9	8.8	6.5	91.30	159.8	148.2	220.8	-7.3	38.17
Acreage	12.0	15.8	23.7	31.7	97.5	588.0	518.3	597.6	-11.9	1.63
<b>CASSAVA</b>										
Holders	463.2	N/A	1358.4	N/A	193.26	14.7	N/A	67.9	N/A	361.90
Acreage	848.0	876.7	2008.9	3.4	136.90	18.0	83	236.1	361.1	1211.67
<b>YAM</b>										
Holders	129.4	159.1	217.2	23.0	67.85	79	55.4	70.8	-29.9	-10.38
Acreage	248.0	208.9	377.5	-15.8	52.22	178.0	119.0	172.7	-33.1	-2.98
<b>PLANTAIN</b>										
Holders	333.7	363.3	453.5	8.9	35.90	N/A	N/A	N/A	N/A	N/A
Acreage	711.1	846.6	823.0	19.1	15.74	N/A	N/A	N/A	N/A	N/A
<b>GROUNDNUTS</b>										
Holders	19.2	46.3	143.2	58.6	645.83	89.4	126.4	128.3	41.4	43.51
Acreage	182.0	156.0	116.9	-14.3	-35.77	60.0	116.0	251.0	93	318.33
<b>Total</b>										
Holders	834.7	1110.2	2992.8	33.0	258.55	564.9	563.4	979.5	-0.3	73.39
Acreage	2033.1	2036.7	4571.0	0.0	124.83	1672.0	1543.4	21591.1	-7.8	29.13

SOURCE 1. Prof. Keeso Bazzi The Dimensions and Characteristics of Rural Poverty in Ghana, ISSER Tech. Pub. No. 43 pp.

2. MOA Unpublished data from Sample Census of Agriculture, 1984.



**Table 28 Basic Data for Medium and Large-Scale Manufacturing**

Year	Value Added (\$1,000)	Total Employment	Total Real Wages (\$1,000)	Total Wages Value Added	Wages per Worker	Indexed Wages Per Worker
1962	40,988	29,298	11,849	0.2889	404.12	1.00
1963	49,300	31,886	11,638	0.2361	364.99	0.90
1964	51,986	35,849	13,748	0.2645	383.50	0.95
1966	64,390	39,488	14,982	0.2328	379.48	0.94
1967	68,963	40,219	13,664	0.1981	339.74	0.84
1958	76,407	47,000	14,214	0.1860	302.44	0.75
1969	85,958	50,885	16,957	0.1938	327.34	0.81

TABLE 2

## CHARACTERISTICS OF MEDIUM- AND LARGE SCALE MANUFACTURING ESTABLISHMENTS IN GHANA

Year	Number of Establishments	Value Added In 1977 Prices (¢'000)	Gross Output In 1977 Prices (¢'000)	Number of Persons Engaged	Value Added Per Est. in 1977 Prices (¢'000)	Gross Output Per Est. in 1977 Prices (¢'000)	Persons Engaged Per Est.
1962	167	243,976	424,821	29,298	1,461	2,544	176
1963	176	294,068	525,729	31,886	1,671	2,987	182
1964	186	324,593	587,978	35,849	1,745	3,161	193
1965	201	351,073	606,652	37,264	1,747	3,018	186
1966	230	399,549	666,714	39,482	1,737	2,899	172
1967	248	390,232	682,828	40,219	1,574	2,753	163
1968	346	383,567	742,926	46,234	1,109	2,147	134
1969	356	451,688	864,789	50,885	1,269	2,429	143
1970	347	601,860	1,404,487	57,627	1,734	4,048	167
1971	363	675,016	1,605,849	58,913	1,810	4,424	163
1972	362	544,878	1,328,074	60,698	1,505	3,669	168
1973	353	940,547	1,920,373	66,493	2,664	5,440	189
1974	382	913,006	2,245,983	71,980	2,390	5,879	189
1975	394	778,614	1,966,132	77,000	1,976	4,990	196
1976	458	949,097	2,145,263	89,000	2,072	4,704	195
1977	482	1,196,975	2,270,270	88,900	2,483	4,710	185
1978	402	794,450	1,784,147	85,200	1,976	4,438	212
1979	399	652,020	1,458,787	79,800	1,634	3,656	200
1980	388	706,396	1,499,481	80,263	1,821	3,865	207
1981	387	575,807	1,169,371	77,565	1,488	3,022	201
1982	387	432,807	911,403	67,661	1,118	2,355	175
1983	361	315,891	656,800	58,278	875	1,819	162

Source: Industrial Statistics, Various Issues.

Year	Number of Establishments				Gross Output (million) (At Current Prices)				Census Value - Added (At Current Prices) (million)				No. of Persons Engaged				Total Wages & Salaries (million)			
	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total
1970	138	137	72	347	84.1	227.7	130.1	441.9	40.8	133.6	47.7	221.1	19,909	23,330	14,388	57,627	10.0	24.0	11.5	45.5
1971	147	135	81	363	96.9	232.1	159.2	488.2	51.9	142.8	56.2	250.9	20,805	20,899	17,209	58,913	13.7	21.5	14.9	50.1
1972	150	129	83	362	113.3	283.5	175.6	572.4	60.5	163.8	70.3	294.6	19,442	22,914	18,342	60,698	14.5	25.4	17.6	57.5
1973	158	114	90	362	178.0	271.8	291.4	741.2	92.8	152.7	117.6	363.1	26,198	15,956	25,747	67,910	23.5	20.7	24.6	68.8
1974	176	114	97	387	235.8	440.8	372.3	1048.9	108.4	168.3	149.6	426.4	28,066	17,139	28,290	73,495	29.8	26.7	31.4	87.9
1975	180	97	117	394	281.9	468.5	517.7	1268.2	157.2	236.4	193.6	587.2	28,944	14,180	33,884	77,008	35.1	26.9	52.1	114.1
1976	220	99	179	498	404.1	562.1	730.7	1696.9	206.5	299.2	351.7	857.4	32,387	9,482	47,164	89,003	42.9	25.5	79.0	147.4
1977	269	45	168	482	973.6	440.0	854.0	2270.3	559.8	341.6	427.2	1328.6	35,494	7,964	45,489	88,947	71.3	35.1	102.3	208.7
1978	215	26	161	402	1195.2	222.7	1231.5	2649.5	533.1	128.7	694.5	1356.3	35,692	3,967	45,590	85,249	103.5	35.0	149.3	287.8
1979	213	29	157	399	1802.3	464.9	1464.4	3731.6	745.4	261.8	839.8	1847.0	34,268	6,406	39,158	79,832	123.5	47.7	157.9	329.1
1980	218	21	149	388	2592.1	571.3	2090.3	5253.7	1212.7	330.4	1216.8	2759.9	38,002	5,496	36,767	80,265	171.6	80.2	221.8	473.6
1981	214	21	152	387	2943.7	559.9	2895.9	6399.5	1376.3	309.2	1930.3	3615.8	35,064	5,907	36,594	77,565	241.4	90.4	300.6	632.4
1982	212	16	159	387	2887.0	493.8	2386.6	5767.4	1368.2	219.3	1590.1	3177.6	32,721	3,818	31,122	67,667	282.8	109.3	324.1	716.2
1983	199	12	150	361	4710.1	1445.0	3950.4	10105.5	2191.3	459.4	2921.2	5571.9	31,050	1,384	25,844	58,278	410.5	463.7	412.7	1286.9
1984	206	10	141	357	13536.0	186.0	10981.7	24703.9	4447.0	92.5	7230.4	11769.9	29,036	840	25,907	55,783	639.1	24.0	703.1	1366.2

Sources: 1. Industrial Statistics; 1970-1972, Statistical Service, 1980, Accra  
2. Industrial Statistics; 1973-1975, Statistical Service, Accra 1980  
3. Industrial Statistics; 1975-1977, Statistical Service, Accra 1982  
4. Industrial Statistics; 1977-1979, Statistical Service, Accra 1983  
5. Industrial Statistics; 1979-1981, Statistical Service, Accra 1983  
6. Industrial Statistics; 1982-1984, Statistical

BASIC DATA FOR MEDIUM- AND LARGE-SCALE MANUFACTURING

YEAR	CENSUS VALUE-ADDED (CONSTANT 1977) \$'M	TOTAL EMPLOYMENT	TOTAL WAGES & SALARIES (CONSTANT 1977) \$'M	REAL CENSUS VALUE-ADDED PER PERSON	REAL WAGES & SALARIES PER WORKER	INDEX OF REAL WAGES & SAL. PER WORKER
1970	707.3	57,627	334.6	12,273.8	5,806.2	2.475
1971	825.3	58,913	338.5	14,008.8	5,746.0	2.449
1972	683.5	60,698	352.8	11,260.7	5,811.7	2.477
1973	940.7	67,910	357.0	13,852.2	5,256.9	2.241
1974	913.1	73,495	384.1	12,424.0	5,226.8	2.228
1975	920.5	77,008	385.5	11,953.3	5,005.6	2.134
1976	1,082.9	89,033	319.1	12,174.1	3,583.5	1.527
1977	1,328.6	88,947	208.7	14,937.0	2,346.3	1.000
1978	913.3	85,249	166.1	10,713.3	1,948.1	0.830
1979	722.0	79,832	123.1	9,044.0	1,542.2	0.657
1980	795.1	80,265	118.1	9,905.9	1,470.7	0.627
1981	661.7	77,565	72.8	8,530.9	938.7	0.400
1982	502.2	67,661	67.4	7,422.3	996.3	0.425
1983	362.1	58,278	54.6	6,213.3	936.7	0.399
1984	349.2	55,783	41.4	6,260.0	741.2	0.316

Sources: Computed from:

1. Industrial Statistics: 1982-1984, Statistical Service, Accra, 1986
2. " " : 1979-1981, " " " 1983
3. " " : 1977-1979, " " " 1983
4. " " : 1975-1977, " " " 1982
5. " " : 1973-1975, " " " 1980
6. " " : 1970-1972, " " " 1980

Table 2. Characteristics of Medium and Large-Scale Manufacturing Establishment in Ghana

	No. of Establishment	Value Added ₵ Million 1962 Prices	Gross Output ₵ Million 1962 Prices	Persons Engaged	Value Added Est. ₵ M At 1962 Prices	Gross Output Per Per Est. ₵ M At 1962 Prices	Persons Engaged Per Est.
1962	167	43.3	21.4	29,298	0.26	0.43	176
1963	176	45.3	27.8	31,886	0.26	0.50	182
1964	186	52.0	34.8	35,849	0.28	0.51	193
1965	201	24.9	95.4	37,264	0.27	0.47	186
1966	230	64.4	107.4	39,482	0.28	0.47	172
1967	248	69.0	102.4	40,219	0.28	0.41	163
1968	346	78.8	145.6	46,234	0.23	0.42	134
1969	356	86.0	164.1	50,885	0.24	0.46	143
1970	347	96.1	195.6	57,627	0.28	0.56	167
1971	363	94.9	209.1	58,913	0.26	0.58	163
1972	362	86.7	207.7	60,698	0.24	0.57	168
1973	353	109.1	245.8	66,493	0.31	0.70	189
1974	382	105.0	254.0	71,980	0.27	0.66	189

Table 3 Characteristics of Medium and Large Scale Manufacturing Establishments in Ghana

Year	Number of Establishments	Value-Added (₵'000 1977 Prices)	Gross Output (₵'000 1977 Prices)	Persons Engaged	Value-Added Per Establishment (₵'000 1977 Prices)	Gross Output Per Establishment (₵'000 1977 Prices)	Persons Engaged Per Establishment
175	394	778,614	1,966,132	77,000	1,976	4,990	196
176	458	949,097	2,145,263	89,000	2,072	4,704	195
177	482	1,196,975	2,270,270	88,900	2,483	4,710	185
178	402	794,430	1,784,147	85,200	1,976	4,438	212
179	399	652,020	1,458,787	79,800	1,634	3,656	200
180	388	706,396	1,499,481	80,263	1,821	3,865	207
1981	387	575,805	1,169,371	77,565	1,488	3,022	201
1982	387	432,807	911,403	67,661	1,118	2,355	175
1983	361	315,891	656,800	58,278	875	1,819	162

Table 4a Share of Manufacturing Gross Output and Value Added in GNP

Year	(1) Real GNP	(2) Real Gross Output	(3) Real Value Added	(4) (2) as % of (1)	(5) (3) as % of (1)	(6) (3) as % of (2)
1962	1084	71.37	40.99	6.58	3.78	57.43
1963	1113	87.05	49.06	7.82	4.41	56.36
1964	1144	90.99	50.28	7.95	4.39	55.20
1965	1155	87.29	50.52	7.55	4.37	57.88
1966	1158	92.45	55.41	7.98	4.78	59.94
1967	1177	114.34	65.54	9.71	5.57	57.32
1968	1180	129.73	66.98	10.99	5.68	51.63
1969	1221	140.44	73.35	11.50	6.01	52.23





**SHARES OF GROSS VALUE-ADDED IN MANUFACTURING (%)**

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Food	7.17	14.40	9.64	11.07	6.13	9.96	12.72	13.39	11.38		9.12	8.58	9.32	10.39
Beverage	16.25	11.94	21.49	16.52	22.17	15.00	11.39	13.65	10.95		14.50	10.44	19.06	22.41
Tobacco	9.42	9.10	9.22	10.53	9.23	12.31	11.46	9.52	10.95		29.70	27.80	25.63	29.99
Textiles	9.97	9.23	12.63	13.78	11.23	11.69	8.64	11.99	10.11		6.87	6.43	4.38	6.83
Footwear & Wearing Apparel	1.58	2.09	1.87	2.27	1.62	2.31	1.63	1.50	1.71		1.10	0.54	0.54	0.52
Wood & Cook	7.11	9.58	9.44	8.56	7.64	6.18	6.48	7.34	5.00		5.68	6.60	6.71	7.44
Furniture Fixtures	0.85	0.81	0.95	0.79	0.97	1.39	1.04	2.20	2.82		0.63	0.61	0.44	0.32
Paper & Paper Products	0.86	1.68	1.36	0.35	0.58	0.76	0.47	0.43	0.44		0.13	0.52	0.39	0.43
Printing & Publishing	2.31	2.15	2.61	2.37	1.99	1.77	1.43	1.85	1.39		1.24	2.07	2.50	1.44
Leather & Fur Products	0.14	0.30	0.39	0.38	0.27	0.27	0.30	0.35	0.29		0.17	0.16	0.32	0.13
Rubber Products	2.44	2.86	3.33	3.27	2.77	2.52	1.69	2.57	2.11		1.85	1.89	1.97	2.58
Mineral & Chemical Products	4.50	2.90	4.89	5.85	4.98	5.13	2.76	4.76	5.05		4.17	3.66	3.98	5.70
Petroleum & Coal	17.13	15.65	3.86	3.01	8.65	11.51	18.95	12.97	15.55		11.92	17.13	8.78	4.80
Non-Metallic Products	0.84	0.80	1.79	3.06	2.11	1.70	1.58	3.68	2.33		2.46	2.71	3.87	3.23
Basic Metal	12.12	11.05	9.27	8.20	12.82	9.21	14.29	6.92	13.64		6.50	6.63	6.20	0.18
Metal Products	3.00	3.08	4.98	4.63	4.96	4.02	3.48	3.71	3.25		2.83	2.78	2.26	2.79
Transport Equipment	3.62	1.98	1.52	3.03	1.98	2.57	1.20	2.77	2.13		0.72	1.07	1.21	0.43
Miscellaneous	0.35	0.29	0.13	0.18	0.13	0.69	0.51	0.46	0.41		0.47	0.47	0.23	0.38
<b>TOTAL*</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>		<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

\*Totals may not add up to exactly 100.00 due to rounding.

Sources: Computed from: 1. Industrial Statistics: 1982-1984, Statistical Service, Accra, 1986  
 2. " " " 1979-1981, " " " 1983  
 3. " " " 1977-1979; " " " 1983  
 4. " " " 1975-1977; " " " 1982  
 5. " " " 1971-1974 " " " 1981

6. Ind. Stat. 1970-1972, Sta. Ser., Accra, 1981

TABLE 1.7  
GROSS OUTPUT IN MANUFACTURING INDUSTRIES AT 1968 CONSTANT PRICES (THOUSAND CEDIS)

Type of Industry	1962	1963	1964	1965	1966	1967	1968	1969	1970
Food	10,119	9,228	8,814	11,945	14,397	22,262	25,015	31,845	39,603
Beverage	14,309	18,290	17,841	20,370	25,540	20,615	24,421	25,287	36,288
Tobacco	15,591	17,318	19,242	22,057	21,186	21,864	25,900	25,917	36,529
Textiles	459	2,263	3,166	5,479	7,386	15,402	25,891	47,927	57,559
Footwear/Wearing Apparel	3,308	5,706	6,661	7,729	10,873	14,618	21,627	18,057	7,114
Wood and Cork	38,996	32,601	30,642	25,947	22,904	25,968	24,110	28,028	19,448
Furniture and Fixtures	4,516	4,354	4,807	3,317	3,234	2,408	2,437	2,400	2,753
Paper and Paper Products	346	1,103	1,193	808	2,998	5,258	6,168	8,892	7,351
Printing/Publishing	3,391	5,312	3,806	3,737	5,809	5,936	6,707	6,576	7,341
Leather and Fur Products	1,051	762	694	544	545	537	655	733	988
Rubber Products	1,052	913	2,199	2,618	416	285	243	1,306	7,695
Chemical Products	10,645	16,320	18,708	12,832	16,435	18,055	19,760	24,819	4,010
Petroleum and Coal	-	2,382	5,571	5,427	5,596	6,405	6,377	6,540	44,670
Non-Metallic Mineral	1,789	2,195	1,651	1,973	4,098	3,950	9,751	13,093	13,073
Basic Metal	-	-	-	-	-	1,484	1,077	1,170	54,791
Metal Products	10,453	13,575	14,055	4,997	9,013	9,144	9,854	13,033	25,893
Transport Equipment	4,111	8,627	6,369	6,113	6,400	6,455	7,594	5,521	10,704

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Gross Output in Manufacturing at Constant 1977 Prices  
(₹'000)

Type of Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
1. Food	119,767	140,752	198,474	903,769	143,922	360,748	340,773	296,270	251,767		141,675	112,966	72,769
2. Beverage	271,461	192,643	370,350	359,719	329,073	199,918	184,218	135,241	98,190		109,605	71,657	77,490
3. Tobacco	91,737	79,343	119,567	121,715	112,473	155,083	175,924	103,766	90,056		197,197	142,505	93,845
4. Textiles	252,822	193,531	280,705	288,304	287,285	263,726	263,398	235,206	147,036		89,550	58,801	26,712
5. Footwear & Wearing App.	24,987	22,761	40,049	42,390	35,702	42,072	40,119	25,577	20,851		11,881	6,247	4,152
6. Wood & Cork	105,924	101,942	157,256	142,214	135,535	132,460	142,941	111,912	65,228		72,465	70,012	49,898
7. Furniture & Fixtures	11,678	8,608	16,772	16,407	15,961	25,367	23,918	26,126	26,529		6,229	6,451	2,626
8. Paper & Paper Products	14,572	18,320	23,016	16,816	18,667	19,928	13,243	7,603	6,314		3,577	4,463	2,148
9. Printing & Publishing	31,487	26,726	38,427	37,931	30,586	49,901	30,809	25,333	15,256		12,474	15,329	10,977
10. Leather & Fur Products	4,132	3,596	6,798	7,606	4,950	5,845	7,752	5,543	3,357		1,877	1,113	1,328
11. Rubber Products	41,993	39,970	54,803	56,433	56,115	64,057	56,546	52,817	39,147		24,652	20,165	13,660
12. Chemicals & Chemical Products	108,385	69,629	127,863	156,901	121,550	119,631	92,412	69,995	62,565		46,526	34,848	24,608
13. Petroleum & Coal	126,033	92,128	132,036	348,602	272,826	318,153	431,278	342,996	335,871		253,623	210,704	122,945
14. Non-metallic Min.	54,480	38,019	57,425	99,004	70,529	76,077	60,734	71,644	36,711		44,056	30,208	38,541
15. Basic Metal	188,911	179,974	153,016	178,407	166,518	157,133	234,947	125,833	152,102		86,431	76,709	85,228
16. Metal Products	63,678	39,167	64,420	72,467	63,468	65,750	63,964	47,623	34,654		27,993	21,934	10,546
17. Machinery excluding Electricals	819	708	979	809	1,115	2,306	1,477	2,425	3,209		403	753	262
18. Elect. Mach, Apps. etc.	23,684	20,735	27,658	27,173	28,588	29,104	30,033	24,166	14,448		6,978	6,126	1,966
19. Transport Equipment	63,691	32,100	48,342	75,604	65,640	80,585	56,308	65,886	59,046		14,633	16,822	9,458
20. Miscellaneous	5,776	4,074	2,262	2,713	1,927	11,485	12,427	8,189	6,450		5,460	3,542	2,412

TABLE 1.9  
VALUE ADDED IN MANUFACTURING INDUSTRIES AT 1968 CONSTANT PRICES (THOUSAND CEDIS)

Type of Industry	1962	1963	1964	1965	1966	1967	1968	1969	1970
Food	3,127	2,806	3,112	3,730	2,999	4,222	6,591	1,203	12,884
Beverage	9,005	10,964	10,888	12,817	18,239	5,260	18,069	17,899	23,022
Tobacco	12,174	13,937	15,307	17,890	18,619	18,440	21,552	22,055	21,398
Textiles	3,392	1,135	747	2,812	3,983	9,093	11,933	13,029	24,982
Footwear/Wearing Apparel	1,042	2,429	3,086	2,521	3,417	7,137	10,732	8,538	5,360
Wood and Cork	23,476	19,551	18,385	16,586	14,818	14,268	8,864	14,184	13,321
Furniture and Fixtures	2,818	2,519	1,256	1,860	1,917	1,288	1,278	1,259	1,382
Paper and Paper Products	183	677	745	781	1,519	2,824	3,265	4,589	4,551
Printing/Publishing	2,144	3,677	2,627	2,259	4,269	4,621	5,168	3,945	4,363
Leather and Fur Products	446	306	278	221	222	222	283	362	488
Rubber Products	670	716	928	1,594	1,064	687	164	339	4,539
Chemical Products	6,373	7,679	8,544	6,783	8,574	8,718	8,103	10,830	10,935
Petroleum and Coal	-	2,191	5,126	4,393	4,568	5,730	5,268	6,008	6,263
Non-Metallic Minerals	907	1,637	761	1,141	2,030	1,980	3,790	5,655	5,465
Basic Metal	-	-	-	-	-	852	456	409	1,161
Metal Products	2,776	3,153	4,169	3,273	3,805	3,826	4,228	4,956	4,186
Transport Equipment	1,694	2,381	1,862	3,472	2,896	4,701	3,193	2,439	2,302

TABLE 1.9 P18

GROSS VALUE-ADDED IN MFG. AT CONSTANT 1977 PRICES (\$1000)

Type of Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
1. Food	48,395	78,367	90,588	101,062	55,755	94,493	153,080	106,315	127,780		52,494	37,102	29,415
2. Beverage	109,651	64,972	202,044	150,786	201,819	142,351	137,013	108,428	122,914		83,493	45,173	60,194
3. Tobacco	63,576	49,520	86,681	96,066	83,981	116,765	137,918	75,638	122,914		170,999	120,294	80,946
4. Textiles	67,263	50,193	118,788	125,766	101,544	110,896	103,938	95,215	113,506		39,510	27,828	13,827
5. Footwear & Wearing App.	10,632	11,374	17,518	20,713	14,701	21,901	19,577	11,914	19,155		6,295	2,329	1,698
6. Wood & Cork	47,941	52,128	88,793	78,079	69,538	58,612	77,947	58,296	56,091		32,669	28,552	21,197
7. Furniture & Fixtures	5,727	4,383	8,860	7,182	8,806	13,168	12,512	17,454	31,582		3,631	2,617	1,362
8. Paper & Paper Products	5,747	9,137	12,723	3,141	5,214	7,198	5,611	3,410	4,892		721	2,223	1,215
9. Printing & Publishing	15,582	11,701	24,510	21,572	18,043	16,771	17,188	14,674	15,560		7,144	8,999	7,883
10. Leather & Fur Products	911	1,585	3,601	3,394	2,104	2,525	3,540	2,713	3,196		947	655	986
11. Rubber Products	16,434	15,557	31,290	29,784	25,140	23,835	20,266	20,403	23,661		10,634	8,147	6,220
12. Chemicals & Chem. Products	30,342	15,745	49,958	53,353	45,316	48,664	33,232	37,815	56,630		24,006	15,813	12,554
13. Petroleum & Coal	115,589	85,139	36,280	45,692	78,694	109,216	228,016	102,972	174,612		68,634	74,133	27,708
14. Non-Metallic Min.	5,648	4,313	16,761	27,929	19,170	16,052	18,996	29,199	26,088		14,155	11,731	12,207
15. Basic Metal	81,773	60,128	87,140	74,856	116,662	87,351	171,927	54,967	153,174		37,395	28,661	19,580
16. Metal Products	18,888	12,745	31,015	28,321	30,226	29,057	28,179	20,492	25,964		13,168	9,877	5,779
17. Machinery Excl. Elect.	476	406	580	473	482	340	306	158	553		38	444	136
18. Elect. Mach., Apps., etc.	826	3,563	15,243	13,467	14,457	8,704	13,353	8,797	9,986		3,048	1,685	1,200
19. Transport Equipment	24,382	10,729	14,298	27,602	18,034	24,383	14,339	21,947	23,925		4,133	4,617	3,797
20. Miscellaneous	2,359	1,566	1,148	1,597	1,166	6,497	6,092	3,642	4,523		2,686	2,011	715

(1)	(2)	(3)	(4)	(5)	(6)	(7)
GMP IN CONSTANT 1977 PRICES ('000)	VALUE OF GROSS MFG. OUTPUT IN CONSTANT 1977 PRICES (£'000)	VALUE ADDED OF MFG. IN CONST. 1977 PRICES (£'000)	TOTAL WAGES IN MFG. IN CONST. PRICES (£'000)	(2) AS % OF (1)	(3) AS % OF (2)	(4) AS % OF (3)
8,125,891	1,966,132	910,422	385,456	24.20	46.31	42.34
8,189,760	2,145,263	949,097	319,095	25.20	45.36	33.62
11,123,300	2,270,270	1,203,671	219,222	20.41	53.02	18.22
14,099,663	1,784,147	794,450	166,080	12.66	44.53	20.91
10,997,576	1,458,787	652,020	123,166	13.27	44.70	18.89
12,293,431	1,499,481	706,396	118,046	12.20	47.11	16.72
13,251,043	1,169,371	575,805	72,807	8.83	49.24	12.65
13,626,122	911,403	432,807	67,413	6.69	47.49	15.58
11,854,829	656,800	315,891	54,590	5.54	48.10	17.29

## SHARE OF MFG. GROSS OUTPUT AND VALUE-ADDED IN GNP

Values in £'000

YEAR	(1) GNP AT CONSTANT 1977 PRICES	(2) GROSS MFG. OUTPUT IN CONSTANT 1977 PRICES	(3) GROSS VALUE-ADDED IN MFG. CONSTANT 1977 PRICES	(4) (2) AS % OF (1)	(5) (3) AS % OF (1)	(6) (3) AS % OF (2)
1970	7,042,994	1,404,487	601,860	19.95	8.55	42.86
1971	8,012,171	1,605,849	675,016	20.05	8.43	42.04
1972	6,438,979	1,328,074	544,878	20.63	8.47	41.03
1973	8,992,487	1,920,373	940,547	21.36	10.46	48.98
1974	9,921,199	2,245,983	913,006	22.64	9.21	40.65
1975	8,125,891	1,966,132	910,422	24.20	11.21	46.31
1976	8,189,760	2,145,263	949,097	26.20	11.59	45.36
1977	11,123,300	2,270,270	1,203,671	20.41	10.83	53.02
1978	14,099,663	1,784,147	794,450	12.66	5.64	44.53
1979	10,997,576	1,458,787	652,020	13.27	5.93	44.70
1980	12,293,431	1,499,481	706,396	12.20	5.75	47.11
1981	13,251,043	1,169,371	575,805	8.83	4.35	49.24
1982	13,626,122	911,403	432,807	6.69	3.18	47.49
1983	11,854,829	656,800	315,891	5.54	2.67	48.10

Table 4

	Number of Establishments (Percentages)				Gross Output (percentages)				Value Added (Percentages)				Total Number of Persons Engaged (Percentages)				Total Wages and Salaries Paid (Percentages)			
	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total	Ghanaiian	Non-Ghanaiian	Mixed	Total
2	40.1	49.1	10.8	100.0	24.8	63.2	11.9	100.0	20.0	67.8	12.2	100.0	34.0	64.3	1.7	100.0	35.0	57.2	7.8	100.0
3	38.1	49.1	12.5	100.0	24.8	61.0	14.2	100.0	21.2	63.5	15.3	100.0	41.7	56.3	2.0	100.0	33.6	55.9	10.4	100.0
4	39.0	51.3	9.6	99.9	23.2	62.7	14.1	100.0	23.1	62.8	14.1	100.0	37.0	61.2	1.8	100.0	35.7	54.8	9.6	100.0
5	n.a	n.a	n.a	-	29.2	49.3	21.4	n.a	n.a	n.a	n.a	-	n.a	n.a	n.a	-	n.a	n.a	n.a	-
6	42.6	44.8	12.6	100.0	30.3	45.4	24.3	100.0	22.1	55.3	22.9	100.0	48.5	47.2	4.3	100.0	35.9	48.4	15.7	100.0
7	38.3	49.2	12.5	100.0	12.5	41.3	41.3	100.0	24.0	53.4	22.6	100.0	43.5	52.2	4.3	100.0	34.0	49.4	17.0	100.0
8	38.2	46.8	15.0	100.0	24.1	40.1	35.8	100.0	24.6	46.0	29.4	100.0	46.3	47.2	6.5	100.0	36.9	40.2	22.9	100.0
9	38.8	43.8	17.4	100.0	n.a	n.a	n.a	-	23.0	43.4	33.6	100.0	39.9	48.2	11.2	100.0	30.9	38.4	30.7	100.0



**Table 10: The Role of Government in the Manufacturing Sector in Ghana**

Year	Percentage share of public sector			
	Number of establishments	Gross Output	Value Added	Total employment
1962	16.17	11.83	11.46	24.27
1963	17.61	14.26	14.58	28.36
1964	29.91	13.94	13.01	29.41
1965	18.91	17.22	11.26	27.85
1966	20.00	19.46	14.68	31.41
1967	16.13	24.09	17.87	32.62
1968	11.56	21.06	18.73	30.29
1969	11.30	19.96	17.59	30.30

Sources Computed from several issues of Industrial Statistics, and Statistical Yearbooks.

**TABLE 19: THE ROLE OF THE GOVERNMENT IN THE  
MANUFACTURING SECTOR IN GHANA**

Y E A R	PERCENTAGE SHARE OF THE PUBLIC SECTOR MANUFACTURING IN			
	NUMBER OF ESTABLISHMENTS	GROSS OUTPUT OF MFG.	CENSUS VALUE ADDED OF MFG.	TOTAL EMPLOYMENT
1970	10.1	13.0	12.2	16.3
1971	8.8	14.1	14.4	17.7
1972	10.0	13.8	13.7	17.0
1973	11.6	16.8	16.6	24.0
1974	11.1	14.5	15.0	21.3
1975	11.9	16.9	19.5	20.7
1976	10.7	14.1	12.4	20.5
1977	9.8	30.7	29.5	18.2
1978	11.9	33.1	27.7	19.9
1979	12.8	38.5	27.1	24.0
1980	12.9	37.9	25.6	25.5
1981	14.0	33.6	21.8	28.1
1982	14.0	33.4	28.4	28.1
1983	16.1	38.8	22.0	28.8
1984				

Sources: 1. Industrial Statistics: 1982-1984, Statistical Service, Accra, 1986  
 2. " " : 1979-1981, " " " 1983  
 3. " " : 1977-1979, " " " 1983  
 4. " " : 1975-1977, " " " 1982  
 5. " " : 1973-1975, " " " 1980  
 6. " " : 1970-1972, " " " 1980  
 7. " " : " " " "

Table 7

YEAR	Establishments Employing 30 or More Persons Classified by Type of Ownership (Percentages)					Value Added Classified by Type of Ownership (Percentages)					Gross Output by Type of Ownership (Percentages)					Employment in Manufacturing Classified by Type of Ownership (Percentages)				
	State Owned	Joint State/Private	Co-operative	Private	Total	State Owned	Joint State/Private	Co-operative	Private	Total	State Owned	Joint State/Private	Co-operative	Private	Total	State Owned	Joint State/Private	Co-operative	Private	Total
1962	16.2	3.6	1.2	79.0	100.0	12.1	3.3	0.1	76.6	100.0	11.3	7.1	80.9	100.0	24.3	2.9	0.3	72.5	72.5	100.0
1963	17.6	3.4	1.7	77.3	100.0	14.4	3.3	0.2	76.6	100.0	14.3	7.4	0.3	78.1	100.0	28.4	2.7	0.4	68.3	100.0
1964	18.7	3.7	1.6	75.9	100.0	13.0	7.8	0.3	78.8	100.0	13.9	7.3	0.6	78.2	100.0	29.4	2.8	0.4	67.4	100.0
1965	18.9	4.0	1.5	75.6	100.0	11.3	10.1	0.1	48.5	100.0	71.2	10.0	0.2	72.5	100.0	27.9	4.2	0.5	67.4	100.0
1966	20.0	3.0	1.3	75.7	100.0	14.7	13.5	0.2	71.5	100.0	19.5	12.7	0.3	67.5	100.0	31.4	4.1	0.8	63.7	100.0
1967	16.1	4.4	0.8	78.6	100.0	17.6	14.5	0.1	67.8	100.0	42.1	17.5	0.2	58.2	100.0	32.6	6.9	0.7	59.0	100.0
1968	11.6	3.5	0.3	84.6	100.0	71.6	17.9		64.5	100.0	21.3	18.5	0.1	60.1	100.0	30.3	6.2	n.f.	63.4	100.0
1969	11.3	3.4	0.3	85.0	100.0	16.0	18.7	0.7	64.5	100.0	17.1	19.5	0.5	62.9	100.0	30.3	6.2	n.f.	63.4	100.0
1970	9.6	3.5	-	86.8	100.0	15.4	15.5	-	68.1	100.0	n.n.	n.a.	n.a.	n.a.	100.0	13.4	10.9	-	69.7	100.0

Sources: Industrial Statistics, Several Issues.

Year	Number of Establishments (%)				Gross Output (%)				Gross Value Added (%)				No. of Persons Engaged (%)				Total Wages & Salaries (%)			
	Chennai	Non Chennai	Mixed	Total	Chennai	Non Chennai	Mixed	Total	Chennai	Non Chennai	Mixed	Total	Chennai	Non Chennai	Mixed	Total	Chennai	Non Chennai	Mixed	Total
1970	39.8	39.5	20.7	100.0	19.0	51.5	29.5	100.0	18.4	60.1	21.5	100.0	34.5	40.5	25.0	100.0	22.0	52.7	25.2	100.
1971	40.5	37.2	22.3	100.0	19.8	47.6	32.6	100.0	20.7	56.9	22.4	100.0	35.3	35.5	29.2	100.0	27.3	42.9	29.7	100.
1972	41.5	35.6	22.9	100.0	19.8	49.5	30.7	100.0	20.5	55.6	23.9	100.0	32.0	37.8	30.2	100.0	25.2	44.2	30.6	100.
1973	43.6	31.5	24.9	100.0	24.0	36.7	39.3	100.0	25.6	42.0	32.4	100.0	38.6	23.5	37.9	100.0	34.2	30.1	35.7	100.
1974	45.5	29.5	25.0	100.0	22.5	42.0	35.5	100.0	25.4	39.5	35.1	100.0	38.2	23.3	38.5	100.0	33.9	30.4	35.7	100.
1975	45.7	24.6	29.7	100.0	22.2	37.0	40.8	100.0	26.8	40.3	32.9	100.0	37.6	18.4	44.0	100.0	30.8	23.6	45.6	100.
1976	44.2	19.9	35.9	100.0	23.8	33.1	43.1	100.0	24.1	34.9	41.0	100.0	36.4	10.6	53.0	100.0	29.1	17.3	53.6	100.
1977	55.8	9.3	34.9	100.0	43.0	19.4	37.6	100.0	42.1	25.7	32.2	100.0	39.9	9.0	51.1	100.0	34.2	16.8	49.0	100.
1978	53.5	6.5	40.0	100.0	45.1	8.4	46.5	100.0	39.3	9.5	51.2	100.0	41.9	4.7	53.4	100.0	36.0	12.1	51.9	100.
1979	53.4	7.3	39.3	100.0	48.3	12.5	39.2	100.0	40.4	14.2	45.4	100.0	42.9	8.0	49.1	100.0	37.5	14.5	48.0	100.
1980	56.2	5.4	38.4	100.0	49.3	10.9	39.8	100.0	43.9	12.0	44.1	100.0	47.3	6.9	45.8	100.0	36.2	16.9	46.9	100.
1981	55.3	5.4	39.3	100.0	46.0	8.7	45.3	100.0	38.1	8.5	53.4	100.0	45.2	7.6	47.2	100.0	38.2	14.3	47.5	100.
1982	54.8	4.1	41.1	100.0	50.0	8.6	41.4	100.0	43.1	6.9	50.0	100.0	48.4	5.6	46.0	100.0	39.5	15.3	45.2	100.
1983	55.1	3.3	41.6	100.0	46.6	14.3	39.1	100.0	39.3	8.2	52.4	100.0	53.3	2.4	44.3	100.0	31.9	36.0	32.1	100.
1984	57.7	2.8	39.5	100.0	54.8	0.8	44.4	100.0	37.8	0.8	61.4	100.0	52.1	1.5	46.4	100.0	46.8	1.8	51.4	100.

TABLE 7: CHARACTERISTICS OF MEDIUM & LARGE SCALE MFG. ESTABLISHMENTS  
CLASSIFIED BY TYPE OF OWNERSHIP

Year	Number of Establishments (%)					Census Value Added (%)					Gross Output (%)					No. of Persons Engaged (%)					
	State Owned	Joint State/Private	Co-operative	Private	Total	State-Owned	Joint State/Private	Co-operative	Private	Total	State-Owned	Joint State/Private	Co-operative	Private	Total	State-Owned	Joint State/Private	Co-operative	Private	Total	
1971	8.8	4.7	-	86.5	100.0	14.4	10.9	-	74.7	100.0	14.1	19.6	-	66.3	100.0	17.7	11.7	-	70.6	1100	
1972	10.0	4.7	-	85.3	100.0	13.7	16.6	-	69.7	100.0	13.8	22.7	-	63.5	100.0	17.0	13.1	-	69.9	100.0	
1973	11.6	6.1	0.3	82.0	100.0	16.6	21.1	0.2	62.1	100.0	16.8	29.3	0.2	53.7	100.0	24.4	19.6	0.3	55.7	100.0	
1974	11.1	6.5	-	82.4	100.0	15.0	19.3	-	65.7	100.0	14.5	23.3	-	62.3	100.0	21.3	20.7	-	58.0	100.0	
1975	11.9	7.6	-	80.5	100.0	19.5	17.8	-	62.7	100.0	16.9	23.5	-	59.6	100.0	20.7	21.9	-	57.4	100.0	
1976	10.7	6.3	-	83.0	100.0	12.4	25.2	-	62.4	100.0	14.1	23.9	-	62.1	100.0	20.5	19.0	-	60.5	100.0	
1977	9.8	6.6	-	83.6	100.0	29.5	19.5	-	51.0	100.0	30.7	20.0	-	49.4	100.0	18.2	26.3	-	55.5	100.0	
1978	11.9	8.2	-	79.9	100.0	27.7	21.8	-	50.5	100.0	33.1	20.4	-	46.5	100.0	19.9	22.3	-	57.9	100.0	
1979	12.8	9.0	-	78.2	100.0	27.1	25.7	-	47.3	100.0	38.5	22.5	-	39.0	100.0	24.0	29.5	-	46.5	100.0	
1980	12.9	8.5	0.5	78.1	100.0	25.6	19.8	0.5	54.1	100.0	37.9	19.7	0.4	42.0	100.0	25.5	25.8	0.3	48.4	100.0	
1981	14.0	7.2	0.8	78.0	100.0	21.8	19.8	0.6	57.8	100.0	33.6	17.5	1.7	47.2	100.0	28.1	18.3	1.6	52.0	100.0	
1982	14.0	8.3	-	77.7	100.0	23.4	18.2	-	58.4	100.0	33.4	15.9	-	50.8	100.0	28.1	23.6	-	48.4	100.0	
1983	16.1	8.3	-	75.6	100.0	22.0	24.8	-	53.2	100.0	38.8	10.5	-	42.7	100.0	28.8	20.1	-	51.1	100.0	
1984																					

Sources: 1. Industrial Statistics: 1982-1984, Statistical Service, Accra 1986  
2. " " " 1979-1981, " " " 1983  
3. " " " 1977-1979, " " " 1983  
4. " " " 1975-1977, " " " 1982  
5. " " " 1973-1975, " " " 1980  
6. " " " 1970-1972, " " " 1980

**TABLE 20: AVERAGE NUMBER OF PERSONS EMPLOYED PER ESTABLISHMENT  
IN THE MANUFACTURING SECTOR BY TYPE OF OWNERSHIP.**

Year	State Owned	Joint State/ Private	Cooperative	Private	Overall Average
1970	269	416	-	142	167
1971	326	408	-	133	163
1972	287	470	-	138	168
1973	395	606	197	128	188
1974	364	611	-	134	190
1975	339	562	-	140	196
1976	373	582	-	142	194
1977	344	733	-	123	185
1978	353	576	-	154	213
1979	376	655	-	119	201
1980	409	628	162	129	207
1981	404	507	417	134	201
1982	352	499	-	109	175
1983	290	391	-	110	162
1984	265	374	-	102	157

Sources: Compiled from:

1.	Industrial Statistics;	1982-1984,	Statistical Service, Accra,	1986
2.	"	"	1979-1981,	" " 1983
3.	"	"	1977-1979,	" " 1983
4.	"	"	1975-1977,	" " 1982
5.	"	"	1973-1975,	" " 1980
6.	"	"	1970-1972,	" " 1980

Table 14: Employment in Ghanaian Industries, 1960 &amp; 1970

Industry	Number employed 1960	% of total	Number employed 1970	% of total	Growth rate 1960-70
Agriculture	1 581 331	61.8	1 790 713	57.2	1.3
Mining	1 48 221	1.9	30 687	1.0	-4.5
Primary sector	1 629 552	63.7	1 821 700	58.2	1.1
Manufacturing	233 947	9.1	376 377	12.0	4.8
Construction	88 653	3.5	73 579	2.3	-2.1
Utilities	14 189	0.6	12 243	0.4	-1.5
Secondary sector	336 789	13.2	462 199	14.7	3.2
Commerce	371 131	14.5	435 967	13.9	1.8
Transport and Communications	67 823	2.6	84 327	2.7	2.2
Services	154 088	6.0	328 849	10.5	7.9
Tertiary sector	593 042	23.1	849 143	27.1	3.7
Total employment	2 459 383	100	3 133 043	100	2.3

Source: Population census, 1960 and 1970.

Table 29: Average number of persons employed per establishment  
type of ownership

Year	State	Joint state/ private	Cooperative	Private	Total
1962	263	144	39	160	175
1963	291	141	40	160	181
1964	301	143	44	170	191
1965	273	194	63	165	185
1966	269	233	89	144	171
1967	328	251	133	123	162
1968	350	240	16	100	133
1969	382	262	16	106	142

Sources: Computed from several issues of Industrial Statistics,  
and Statistical Yearbooks.



WHOLESALE PRICES PER TON - 1970-1985

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Maize	117.13	119.64	172.55	184.67	201.20	249.90	570.14	1189.68	1213.83	1720.44	4141.38	7751.40	7991.08	36734.40
Guinea Corn	172.32	181.62	207.03	290.59	309.19	315.78	793.30	1767.14	1932.97	2334.59	6819.35	9557.84	13123.24	38115.78
Rice	269.30	277.95	376.43	451.14	496.22	680.32	1394.70	1973.41	2680.54	3051.68	8256.54	11913.62	22094.70	59796.99
Millet	174.49	187.46	212.65	274.16	317.19	312.76	779.46	1291.89	2007.68	2408.43	5357.30	9493.62	13539.03	34577.30
Yams	95.10	113.78	122.58	149.91	192.24	262.76	380.21	790.62	1299.47	1611.84	2412.22	4257.27	5942.22	15433.66
Cocoyam	68.36	83.79	92.61	116.87	140.02	144.43	223.81	931.64	1120.18	1378.17	2132.30	4447.74	6234.07	22927.08
Cassava	42.78	56.01	65.93	67.14	79.38	121.50	258.65	655.46	610.80	712.35	1525.80	3741.46	4217.42	14933.33
Plantain	55.88	82.35	74.51	110.78	156.86	145.10	295.10	880.39	1464.71	1461.76	2145.10	3317.65	4603.92	15305.56
Cowpeas	212.78	241.08	272.98	324.36	516.73	536.03	855.88	1745.04	2207.90	4218.57	7377.76	18124.22	26743.18	58556.67
Groundnuts	287.50	282.72	312.50	435.17	548.53	655.64	1241.18	2380.39	3931.99	5810.29	8457.60	18210.17	29059.44	53140.73
Barrana	43.04	46.84	49.37	54.43	65.82	91.14	201.27	354.43	575.95	789.87	1345.57	2621.52	3029.11	7272.15
Tomatoes	133.86	132.68	173.23	236.22	244.88	319.49	500.20	940.35	1210.83	2250.39	3181.50	5967.52	7990.55	25450.30
Coconut Oil	597.66	629.70	722.74	1061.00	1383.86	1687.62	2057.30	5309.30	10254.47	13764.02	19715.34	32691.31	53782.50	121827.48
Palm Oil	505.24	571.16	754.16	1014.79	1174.37	1653.11	2422.06	4250.77	9868.15	12178.07	18779.42	29357.98	52022.80	97986.34
Groundnut Oil	855.21	772.64	825.63	1276.03	1532.96	1975.97	3392.48	6722.74	11851.51	15231.67	25852.13	49503.39	75880.47	185773.33

Source: - Ghana Agricultural Sector Review Report No.5366 - GHI

PRODUCER PRICES PER TON - 1970 - 1985

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Cocoa	292.70	292.70	365.90	439.00	548.80	585.40	731.70	1333.30	2666.70	4000.00	4000.00	12000.00	12000.00	20000.00		
Cotton	180.00	180.00	180.00	180.00	220.00	220.00	770.00	770.00	1320.00	1320.00	1320.00	1320.00	1320.00	19719.00		
Tobacco	840.00	960.00	1110.00	1180.00	1190.00	1770.00	1860.00	2100.00	3560.00	5850.00	10730.00	25000.00	25000.00	80000.00		

Source: Ghana Agricultural Sector Review Report No. 5366 - Gh.

OFFICIAL PRODUCER PRICES (CEDIS/TON) (DEFLATED USING RURAL CEDI)

Year	Current Cedis				Constant Cedis 1970 = 100				Constant Cedis Index 1970 = 100			
	Cocoa Beans	Seed Cotton	Tobacco	Maize	Cocoa Beans	Seed Cotton	Tobacco	Maize	Cocoa Beans	Seed Cotton	Tobacco	Maize
1970	297 <sup>3</sup>	180	810	N/A	297 <sup>B</sup>	180	810	N/A	100	100	100	N/A
1971	293	180	960	N/A	269	165	881	N/A	90/92	92	109	N/A
1972	293	180	1110	N/A	246	151	933	N/A	82/105	84	115	N/A
1973	366	180	1180	N/A	261	129	843	N/A	88/107	71	104	N/A
1974	439	220	1790	N/A	268	134	726	N/A	90/114	75	90	N/A
1975	561	220	1770	N/A	268	105	847	N/A	90/96	58	105	N/A
1976	602	770	1860	N/A	182	233	562	N/A	61/76	129	69	N/A
1977	758	770	2100	240	105	207	292	33	33/63	59	36	100
1978	1333	1320	3560	800	106	105	283	64	35/72	58	35	191
1979	2743	1320	5850	1000	137	66	292	50	45/68	37	36	150
1980	4000	1320	10730	1650	124	41	332	51	41/42	23	41	153
1981	4000	1320	25000	3000	59	20	370	44	20/61	11	46	133
1982	12000	1320	25000	5000	145	16	302	60	49/50	9	37	181
1983	12000	10710	80000	18000	63	56	421	95	21/39	31	52	284
1984	20234	14000	80000	18000	77	53	304	68	26	30	38	205
1985	566000	25000	125000	20000	199	88	439	70	66	49	54	210
1986	85000	38000	142000	26000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Sources: Expert Consultations on Agric. Market Intervention and Pricing Policies for Africa, May 1987.

The Nominal Producer Prices of Cocoa in Ghana, Togo  
And Ivory Coast (Cedis per load)

Year	Country		
	Ghana	Togo	Ivory Coast
1960/61	6.00	7.50	7.50
1961/62	5.40	5.10	5.50
1962/63	5.40	5.10	5.50
1963/64	5.00	5.50	5.50
1964/65	5.00	5.50	5.50
1965/66	4.00	3.20	4.30
1966/67	5.00	4.30	5.50
1967/68	66.50	7.90	7.90
1969/70	8.00	8.80	8.00
1970/71	8.00	9.30	8.90
1971/72	8.00	12.70	11.60
1972/73	10.00	12.70	11.60
1973/74	12.00	12.90	15.00
1974/75	15.00	14.11	23.85
1975/76	16.00	14.72	23.85
1976/77	20.00	15.95	24.56
1977/78	36.29	18.40	34.12
1978/79*	72.00	79.35	98.18

Source: Ghana Cocoa Marketing Board (1974): Policies for Improving Cocoa Production, The Liberty Press Ltd., Accra and Gill and Dufus (April 1978) Cocoa Market Report No.280; Banque Centrale Des Etats de L'Afrique de L'Ouest: Statistiques Economiques et Monetaires, No.274 July 1979.

\*In August 1978, the cedi was devalued from  $\phi 1 = 200$  CFA to  $\phi 1 = 78$  CFA.

# VALUE OF GROSS MFG. OUTPUT AT CONSTANT 1977 PRICES

--- Trend Line (Computed from the method of least squares)

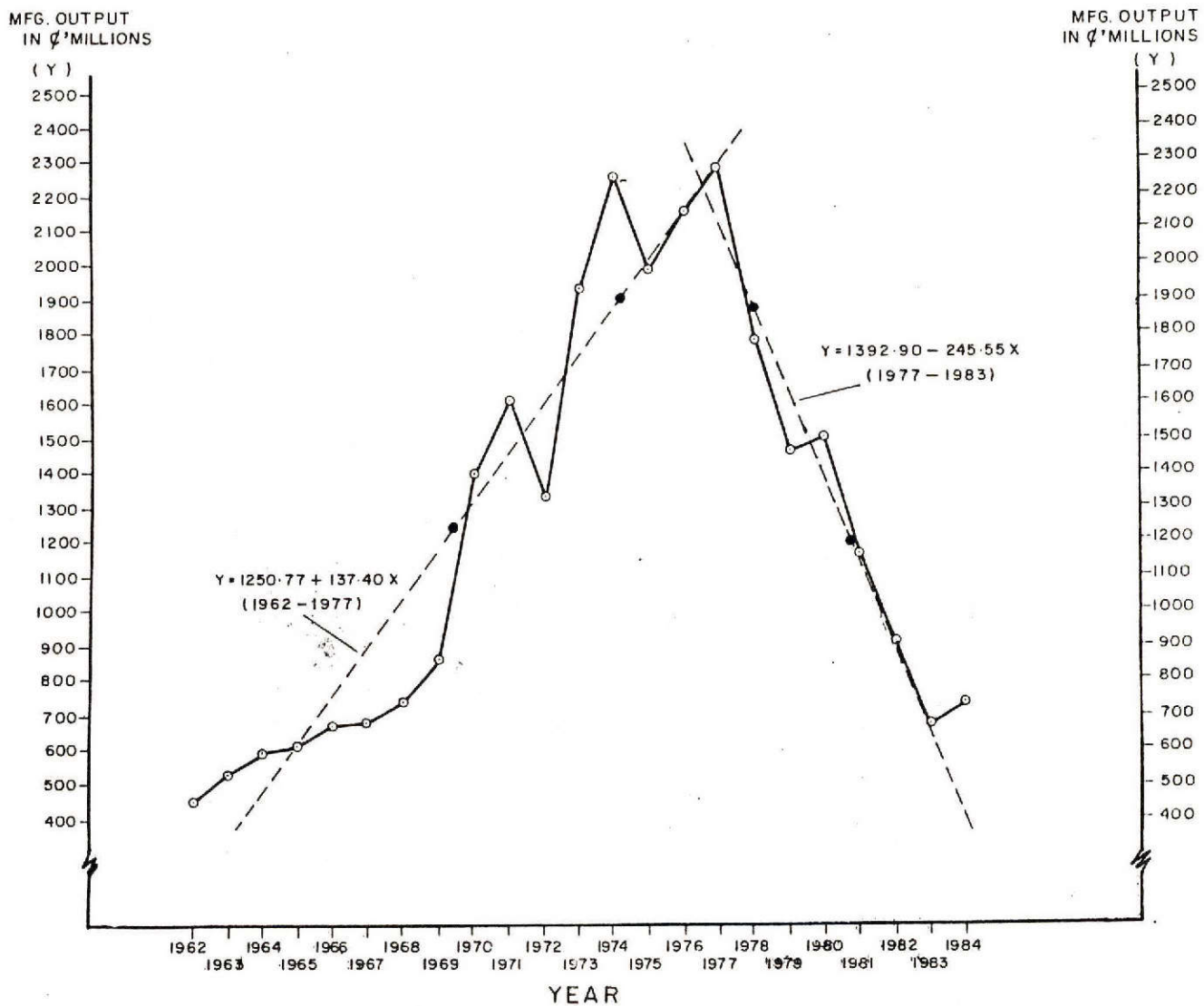


Table 10: Percentage Distribution of Value of Exports of Domestic Products 1962-1974

	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
Cocoa Beans	60.0	63.3	60.7	61.1	55.5	54.5	55.0	55.9	65.3	57.6	52.6	49.4	54
Cocoa Paste (including Cocoa Cake)	0.8	0.2	0.2	0.4	0.6	1.0	1.3	0.9	0.8	1.0	1.8	1.1	1.3
Cocoa Butter	2.5	3.2	3.9	5.1	6.2	9.4	7.1	6.1	5.9	6.7	5.3	6.3	7.7
Timber (logs)	5.2	6.7	7.1	5.9	5.9	5.3	4.8	6.2	4.3	5.7	7.7	12.7	7.
Timber (sawn)	5.8	5.4	5.9	5.1	4.5	4.0	3.7	3.8	3.7	3.4	3.9	6.0	4
Bauxite	0.6	0.5	0.6	0.6	0.8	0.7	0.4	0.4	0.3	0.6	0.5	0.4	0.
Manganese	4.1	3.7	3.8	4.3	6.5	3.9	3.2	1.8	1.6	1.8	1.8	1.0	1.3
Diamond	6.7	3.1	5.4	6.1	5.8	5.3	5.2	3.5	3.1	3.2	3.4	1.9	1.
Gold	10.1	10.7	9.1	8.5	9.2	8.7	8.6	7.6	5.6	7.8	9.2	10.1	11.7
Kola Nuts	1.3	0.8	0.3	0.3	0.7	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.1
Others (Of which Aluminium)	2.1	2.0	3.5	2.6	3.4	7.0	10.6	13.6	9.3	12.1	13.7	10.9	8.
						(3.5)	(7.9)	(11.2)	(6.9)	(8.2)	(10.3)	(6.6)	(4.1)
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

Source: Economic Survey of Ghana, 1969, Table 19, p.43.

Table 11: Exports of Domestic Manufactures as Percentage of Total Export of Domestic Produce  
in Ghana 1960-1974

	A	B	C	D
	Total Export of Domestic Produce ₵'000	Export of Domestic Manufactures ₵'000	B as a Percentage of A	Percentage of Gross Output Exported
1960	222,832	1,063	0.46	n.a.
1961	228,981	1,165	0.51	n.a.
1962	230,097	2,733	1.19	3.84
1963	217,619	3,560	1.64	3.83
1964	229,279	2,241	0.98	2.09
1965	226,882	4,588	2.02	3.82
1966	191,394	2,697	1.41	1.90
1967	245,122	11,937	4.87	7.60
1968	338,782	29,736	8.78	13.34
1969	335,264	48,369	14.51	18.40
1970	467,378	34,891	7.47	7.95
1971	557,484	36,581	10.23	7.40
1972	564,412	63,238	11.20	11.02
1973	730,440	65,788	9.01	n.a.
1974	840,933	144,463	17.18	n.a.

n.a. - not available

Sources: 1. External Trade Statistics of Ghana, December (1960-1974)

2. Economic Survey of Ghana, 1967.

3. Statistical Year Book of Ghana, 1970.

Table 12a Exports of Domestic Manufacturing Industries as Percentage of Total Exports of Manufacturing Sectors  
1960, 1965, 1970-74 (A'000)

Manufacturing Group	1960		1965		1970		1971		1972		1973		1974
	Value	%	Value	%	Value	%	Value	%	Value	%	Value	%	Value
Food	0.01	-	8	0.17	267	0.77	133	0.36	145	0.23	146	0.22	0.08
Average	0.03	-	-	-	0.15	-	0.04	-	0.07	-	7	0.01	0.25
Tobacco	1.4	0.14	-	-	11	0.03	54	0.15	16	0.03	80	0.12	299
Textile	0.8	0.08	27	1.20	10	0.03	636	1.74	1,407	2.22	909	1.28	7.5
Footwear, wearing													
Apparel etc	0.64	0.06	14	0.62	1	-	186	0.51	17	0.03	2	-	1
Wood and Cork	842	79.28	888	39.63	1,159	3.32	2,080	5.69	3,142	4.97	12,270	18.65	84,997
Furniture and Fixtures	14	1.32	5	0.22	6	0.02	7	0.02	24	0.04	352	0.54	1.1
Paper & Paper Products	0.87	0.08	0.21	0.01	0.52	-	10	0.03	59	0.09	4	0.01	2
Travel goods, handbags, etc	16	1.51	4	0.09	0.10	-	9	0.02	1	-	4	0.01	13
Leather & Leather Pro- ducts	-	-	0.03	-	0.03	-	-	-	0.01	-	2	-	75
Rubber products	-	-	2	0.04	25	0.07	17	0.05	199	0.31	224	0.34	55
Chemical & Chemical Products	18	1.69	366	7.98	402	1.47	629	1.72	570	0.90	723	1.10	1
Petroleum & Petroleum Products	-	-	2,526	55.06	668	1.91	2,735	7.48	404	0.64	4,281	6.51	14,252
Non-Metallic Mineral Products	-	-	3	0.07	0.18	-	3	0.01	18	0.03	27	0.04	17
Basic Metal Products	-	-	-	-	81	0.23	84	0.23	74	0.12	22	0.03	-
Other Metal Products	9	0.85	13	0.28	24	0.07	25	0.07	13	0.02	68	0.10	14
Non-Ferrous Metals (mainly Aluminium)	5	0.47	6	0.13	11,906	91.44	29,729	18.27	56,864	89.92	46,155	70.16	33,37
Machinery except electrical-	-	-	0.83	0.02	8	0.02	1	-	2	-	78	0.12	1
Electrical Machinery appliances, etc.	-	-	1	0.02	114	0.33	112	0.31	134	0.21	168	0.26	1
Transport Equipment	34	3.20	8	0.17	118	0.34	3	0.01	13	0.02	11	0.02	1
Miscellaneous manufac- tures	119	11.21	27	0.99	87	0.25	128	0.35	133	0.21	254	0.37	3
<b>Total</b>	<b>1,062</b>	<b>100.00</b>	<b>2,588</b>	<b>100.00</b>	<b>14,891</b>	<b>100.00</b>	<b>36,581</b>	<b>100.00</b>	<b>63,238</b>	<b>100.00</b>	<b>65,788</b>	<b>100.00</b>	<b>144,463</b>



**TABLE 10: PERCENTAGE DISTRIBUTION OF VALUE OF EXPORTS OF DOMESTIC PRODUCTS**

	1975	1976	1977	1978	1979	1980	1981	1982	1983
Cocoa Beans	55.4	54.4	56.2	63.3	67.9	62.0	42.0	48.3	41.9
Cocoa Paste (Including Cocoa Cake)	1.1	1.4	2.9	1.8	2.0	1.2	0.2	0.1	0.4
Cocoa Butter	7.5	6.8	6.8	4.8	4.8	6.1	1.7	2.8	5.9
Timber (Logs)	4.9	5.0	5.2	3.8	2.0	1.0	1.6	0.7	0.6
Timber (Sawn)	3.5	3.4	2.5	2.1	2.2	2.0	2.3	1.3	2.0
Bauxite	0.4	0.4	0.2	0.5	0.3	0.3	0.3	0.6	0.4
Manganese	1.7	2.1	1.6	1.6	1.1	0.8	0.9	0.4	0.7
Diamond	1.3	1.3	1.3	1.9	1.1	0.9	0.9	0.4	0.6
Gold	8.8	8.7	6.0	5.8	7.7	16.7	16.7	14.7	20.7
Kola Nuts	10.0	11.3	12.9	10.2	10.9	9.0	33.5	30.9	26.8
Others	0.4	0.2	4.8	4.2					
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

- Sources: 1. Compiled from Quarterly Digest of Statistics Vol. V. No.1, p. 60, Statistical Service, Accra, March 1987  
 2. Quarterly Digest of Statistics, Vol.III, No.4, p.57, Statistical Service, Accra, December 1985.  
 3. External Trade Statistics 1983, Statistical Service, Accra, September 1986.

**TABLE II: EXPORT OF DOMESTIC MANUFACTURING AS PERCENTAGE OF TOTAL EXPORT OF DOMESTIC PRODUCE & GROSS OUTPUT OF MANUFACTURING**

YEAR	(A) Total Export of Domestic Produce (₹'000)	(B) Export of Domestic Manufacturing (₹'000)	(C) B as Percent- age of A	(D) B as Percentage of Gross Output Manufacturing
1960	114,416	10,266	9.0	
1961	113,174	389	0.3	
1962	267,931	1,712	0.6	2.4
1963	256,488	2,172	0.8	2.3
1964	271,644	2,287	0.8	2.1
1965	223,545	1,583	0.7	1.3
1966	185,804	869	0.5	0.6
1967	239,370	9,243	3.9	5.4
1968	334,085	27,313	8.2	12.3
1969	326,426	44,885	13.8	17.1
1970				
1971	348,948	32,745	9.4	6.7
1972	549,432	61,955	11.3	10.8
1973	697,440	60,293	8.7	8.1
1974	831,857	44,926	5.3	4.3
1975	918,111	43,081	4.7	3.4
1976	932,560	116,681	12.5	7.1
1977	1,152,316	117,582	10.2	5.2
1978	1,559,786	173,978	11.2	6.6
1979	2,719,953	229,752	8.5	6.2
1980	3,130,908	388,945	12.4	7.5
1981	2,609,380	654,934	25.0	10.3
1982	2,180,515	470,907	21.6	8.2
1983				

Source: Computed from various issues of QIS, CBS. Export figures from "Exports by section" Tables of QIS and Manufacturing Output from Industrial Statistics.

FOOD IMPORTS FOR GHANA, 1950-1983

Year	Value (Cm)	% of Total
1955	13.3	15.1
1960	42.0	16.2
1965	35.3	11.0
1970	79.5	19.0
1974	140.6	14.9
1975	104.9	11.5
1976	118.8	12.0
1977	95.6	8.0
1978	143.5	8.3
1979	178.4	7.6
1980	241.5	7.8
1981	247.3	7.1
1982	276.3	9.9
1983	1,220.0	11.1

Source: External Trade Statistics 1983 p.x

Table 9: Percentage Distribution of Imports by Major End Use 1957-74

End Use	1957-59	1963-65	1969	1971	1972	1974
Consumer Goods	53.9	35.7	30.3	28.1	27.9	23.8
Raw Materials for Food Drink and Tobacco	5.8	5.2	7.2	5.2	7.3	6.9
Agricultural Production	2.3	1.7	2.0	1.2	1.6	1.5
Mining & Manufacturing	6.1	9.6	20.4	20.3	24.2	20.6
Capital Goods & Construction	10.9	15.5	10.4	12.4	10.1	11.1
Machinery equipment	15.2	27.2	23.3	26.8	20.0	19.7
Fuels & Lubricants	5.9	5.1	6.4	6.0	8.9	16.4
Total	100.0	100.0	100.0	100.0	100.0	100.0

Table 8. Ghana Commodity Composition of Import Trade, 1955, 1960, 1965, 1970 and 1974

	1955		1960		1965		1970		1974	
	Value £m	%	Value £m	%	Value £m	%	Value £m	%	Value £m	%
Food and Live Animals	13.3	15.1	42.0	16.2	35.3	11.0	79.5	19.0	140.6	14.9
Beverages and Tobacco	4.4	5.0	7.6	2.9	2.3	0.7	3.9	0.9	7.1	0.8
Raw Materials (Inedible) Except Fuels	0.4	0.4	0.7	0.3	3.1	1.0	9.4	2.2	28.7	3.0
Minerals, Fuel, Lubricants & related material	5.5	6.2	13.6	5.2	13.2	4.1	24.4	5.8	156.5	16.6
Animal & Vegetable Oils & Fats	0.1	0.2	0.4	0.2	3.0	0.9	3.8	0.9	15.4	1.6
Chemicals	5.5	6.3	20.2	7.8	20.1	6.3	66.9	16.0	123.3	13.1
Manufactured goods classified chiefly by materials	34.8	39.6	78.7	30.3	108.4	33.9	108.8	24.1	221.0	23.4
Machinery & Transport Equipment	15.0	17.1	67.4	26.0	105.9	33.1	108.1	25.8	212.4	22.5
Miscellaneous Manufactured articles	7.4	8.3	25.2	9.3	23.3	7.3	16.4	3.9	27.7	2.9
Miscellaneous Commodities and Transactions	1.5	1.8	4.6	1.8	5.4	1.7	5.8	1.4	10.9	1.2
<b>Total</b>	<b>87.9</b>	<b>100.0</b>	<b>259.2</b>	<b>100.0</b>	<b>320.0</b>	<b>100.0</b>	<b>419.0</b>	<b>100.0</b>	<b>943.7</b>	<b>100.0</b>

TABLE 8: GHANA - COMMODITY COMPOSITION OF IMPORT TRADE

	1975		1976		1977		1978		1979		1980		1981		1982		1983	
	Value £m	%	Value £m	%	Value £m	%	Value £m	%	Value £m	%	Value £m	%	Value £m	%	Value £m	%	Value £m	%
Food & Live Animals	104.9	11.5	118.8	12.0	95.6	8.0	143.5	8.3	178.4	7.6	241.5	7.8	247.3	7.1	276.3	9.9	1220.0	11.1
Beverages & Tobacco	6.7	0.7	11.6	1.2	11.0	0.9	22.5	1.3	27.7	1.2	43.0	1.4	29.3	6.8	11.6	0.4	270.9	2.5
Crude Materials (Inedible Except Fuels)	27.9	3.1	34.3	3.5	45.8	3.8	42.6	2.5	48.3	2.1	56.9	1.8	63.8	1.8	29.9	1.1	271.4	2.5
Minerals, Fuel, Lubricants & Related Material	150.9	16.6	148.0	14.9	206.4	17.3	230.9	13.4	483.6	20.6	827.4	26.7	1056.2	30.3	990.7	35.6	1116.8	10.1
Animal & Vegetable Oils & Fats	9.9	1.1	11.6	1.2	11.3	0.9	28.6	1.7	22.5	1.0	28.4	0.9	30.8	0.9	9.2	0.3	125.2	1.1
Chemicals	126.6	13.9	155.9	15.7	159.0	13.3	242.8	14.1	377.7	16.1	482.7	15.6	413.3	11.7	305.2	11.0	1134.5	10.3
Mfgs. Goods classified chiefly by materials	207.9	22.9	187.7	18.9	240.1	20.1	287.1	16.7	334.8	14.3	380.5	12.3	394.9	11.3	299.9	10.8	1780.9	16.3
Machinery & Transport Equipment	228.1	25.1	270.6	27.3	343.2	28.8	587.6	34.1	768.8	32.8	922.8	29.7	950.5	27.3	577.5	20.8	3580.7	32.3
Misc. Mfg. Articles	28.9	3.2	32.1	3.2	40.9	3.4	50.4	2.9	62.8	2.7	64.5	2.1	120.1	3.4	134.2	4.8	694.5	6.3
Misc. Commodities & Transactions.	17.5	1.9	21.1	2.1	39.9	3.3	85.9	5.0	40.4	1.7	55.8	1.8	178.2	5.1	147.2	5.3	827.0	7.6
<b>T O T A L</b>	<b>909.3</b>	<b>100.0</b>	<b>991.7</b>	<b>100.0</b>	<b>119.3</b>	<b>100.0</b>	<b>1721.9</b>	<b>100.0</b>	<b>2345.0</b>	<b>100.0</b>	<b>3103.5</b>	<b>100.0</b>	<b>3484.4</b>	<b>100.0</b>	<b>2781.6</b>	<b>100.0</b>	<b>11021.8</b>	<b>100.0</b>

Source: Q. D. S.

PERCENTAGE DISTRIBUTION OF IMPORTS BY MAJOR END-USE

End- Use	1975	1976	1977	1978	1979*	1980*	1981*	1982	1983	1984
Consumer Goods	20.3	20.0	19.7	23.3	21.7	21.7	17.5			
Raw Materials for Food, Drink & Tobacco	5.7	5.5	4.5	5.0	10.3	14.5	17.5			
Materials for Mining & Mfg.	19.9	21.4	19.9	18.6	11.1	12.9	16.8			
Materials for Agric. Production	1.4	1.3	1.1	0.7	3.3	5.7	4.2			
Materials for Construction	14.0	11.5	11.4	10.1	6.6	8.2	10.2			
Capital Equipment	22.1	25.4	26.1	28.7	15.8	23.6	20.4			
Fuels & Lubricants	16.6	14.9	17.3	13.6	23.1	8.6	9.9			
Others (End-Use Unknown)		-	-	-	8.2	4.9	3.1			
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

\* Figures are those of established letters of credit taken as estimates for the various import classifications.

Sources: 1. Economics Survey: 1975 - 1976, Statistical Service, Accra, p.39  
 2. " " 1977 - 1980 " " " p.275-6  
 3. " " 1981 " " " p.230

EXCHANGE RATES 1970 - 86

Year	Nominal Exchange Rate Cedis/ Dollar		Ghana CIP 1970=100	MUV Index 1970= 100	Real Exchange Official	Cedis/Dollar Parallel
	Official	Parallel				
1970	1.02	1.64	100	100	1.02	1.64
1971	1.03	1.75	109	106	1.00	1.70
1972	1.32	1.64	120	115	1.26	1.56
1973	1.16	1.49	141	134	1.10	1.41
1974	1.15	1.73	167	162	1.12	1.68
1975	1.15	1.99	217	180	0.96	1.65
1976	1.15	2.91	339	184	0.62	1.58
1977	1.15	9.20	734	292	0.32	2.53
1978	1.51	8.96	1270	231	0.27	1.63
1979	2.75	15.56	1962	262	0.37	2.08
1980	2.75	15.87	2944	288	0.27	1.55
1981	2.75	26.25	6374	289	0.12	1.19
1982	2.75	61.67	7795	285	0.10	2.26
1983	3.45	76.58	17373	278	0.06	1.22
1984	35.34	135.00	24269	273	0.40	1.52
1985	60.00	160.00	26606	275	0.62	1.65
1986 (Jan)	90.00	160.00	31930			
1986 (Sept)	125.00	180.00				
1986 (April)	156.00	220.00				

Sources: Expert Consultations and Agric. Market Intervention and Pricing Policies for Africa.