

K. 1. 5 POPULATION

Table K.1.1.5-1 Population and Population Density

	Population	Population Density
Nairobi	1,324,570	1,911
1. Central Province		
Kiambu	914,412	353
Kirinyaga	391,516	264
Muranga	858,063	340
Nyandarua	345,420	102
Nyeri	607,292	186
Sub-Total	3,116,703	235
2. Coastal Province		
Kilifi	591,903	46
Kwale	383,053	46
Lamu	56,783	8
Mombasa	461,753	1,637
Taita-Taveta	207,273	12
Tana River	128,426	3
Sub-Total	1,829,191	22
3. Eastern Province		
Embu	370,138	132
Isiolo	70,078	3
Kitui	652,603	22
Machakos	1,402,002	100
Marshabit	129,262	2
Meru	1,144,594	116
Sub-Total	3,768,677	24
4. North Eastern Province		
Garissa	124,835	3
Manbera	123,787	5
Wajir	122,769	2
Sub-Total	371,391	3
5. Nyanza Province		
Kisii	1,137,054	517
Kisumu	664,086	320
Siaya	639,439	253
South Nyanza	1,066,583	187
Sub-Total	3,507,162	280
6. Rift Valley Province		
Baringo	347,990	32
E. Marakwet	216,487	71
Kajiado	258,659	12
Kericho	900,934	182
Laikipia	218,957	24
Nakuru	849,096	118
Nandi	433,613	156
Narok	398,272	22
Samburu	108,884	5
Trans-Nzoia	393,682	160
Turkana	184,060	3
Uasin Gishu	445,530	138
West Pokot	225,449	25
Sub-Total	4,981,613	27
7. Western Province		
Bungama	679,146	221
Busia	401,658	243
Kakamega	1,463,525	411
Sub-Total	2,544,329	307
Total	21,443,636	37

Source: Population Census 1989, 1994 Central Bureau of Statistics

Table K.1.1.5-2 Annual Growth of Population

	Population (1,000)			Growth/Year (1979-90) (%)
	1969	1979	1989	
Nairobi	509	828	1,325	4.7
1. Central Province				
Kiambu	476	686	914	2.9
Kirinyaga	217	291	392	3.0
Muranga	445	648	858	2.8
Nyandarua	177	233	345	3.9
Nyeri	361	486	607	2.2
Sub-Total	1676	2,344	3,116	2.8
2. Coastal Province				
Kilifi	308	431	592	3.2
Kwale	206	288	383	2.8
Lamu	22	42	57	3.0
Mombasa	247	341	462	3.0
Taita-Taveta	111	148	207	3.4
Tana River	51	92	128	3.3
Sub-Total	945	1,342	1,829	3.1
3. Eastern Province				
Embu	179	263	370	3.2
Isiolo	30	43	70	4.8
Kitui	343	464	653	3.4
Machakos	707	1,023	1,402	3.2
Marshabit	52	96	129	2.9
Meru	597	830	1,145	3.2
Sub-Total	1908	2,719	3,769	3.3
4. North Eastern Province				
Garissa	65	129	125	-0.3
Manbera	95	106	124	1.6
Wajir	86	139	123	-1.2
Sub-Total	246	374	372	0.05
5. Nyanza Province				
Kisii	675	870	1,137	2.7
Kisumu	401	482	664	3.2
Siaya	383	475	639	3.0
South Nyanza	663	818	1,067	2.7
Sub-Total	2122	2,645	3,507	2.8
6. Rift Valley Province				
Baringo	162	204	348	5.3
E. Marakwet	159	149	216	3.7
Kajiado	86	149	259	5.5
Kericho	479	633	901	3.5
Laikipia	67	135	219	4.8
Nakuru	291	523	849	4.8
Nandi	209	210	434	7.3
Narok	125	299	398	2.9
Samburu	70	77	109	3.5
Trans-Nzoia	124	260	394	4.2
Turkana	165	143	184	2.5
Uasin Gishu	191	301	446	3.9
West Pokot	82	159	225	3.5
Sub-Total	2210	3,242	4,982	4.3
7. Western Province				
Bungoma	345	504	679	3.0
Busia	200	298	402	3.0
Kakamega	783	1,031	1,464	3.5
Sub-Total	1328	1,833	2,545	3.3
Total	10,943	15,327	21,445	3.4

Source: Statistical Abstract 1995, Central Bureau of Statistics

Table K.1.1.5-3 Population by Sex and Age Group (1989)

	Male	Female	Total
All ages			
0-4	1,911,216	1,888,828	3,800,044
5-9	1,743,647	1,725,292	3,468,939
10-14	1,504,045	1,485,647	2,989,692
15-19	1,177,983	1,200,712	2,378,695
20-24	889,594	1,013,340	1,902,934
25-29	782,474	847,289	1,629,763
30-34	583,773	575,651	1,159,424
35-39	460,949	457,944	918,893
40-44	367,933	364,245	732,178
45-49	281,126	293,405	574,531
50-54	235,906	240,618	476,524
55-59	179,017	181,155	360,172
60-64	150,496	167,902	318,398
65-69	113,689	116,979	230,668
70-74	82,965	91,212	174,177
75-79	66,599	60,476	127,075
Above 80	82,210	94,070	176,280
Age not stated	14,746	10,503	25,249
Total	10,628,368	10,815,268	21,443,636

Source: Statistical Abstract 1995

Table K.1.1.5-4 Urban Population by Sex Age Group (1989)

	Male	Female	Total
0-4	292,084	288,188	580,272
5-9	235,350	240,588	475,938
10-14	189,077	206,013	395,090
15-19	185,011	215,286	400,297
20-24	275,046	247,586	522,632
25-29	280,419	205,764	486,183
30-34	196,446	119,029	315,475
35-39	140,026	82,373	222,399
40-44	101,822	53,061	154,883
45-49	68,723	35,748	104,471
50-54	49,595	25,987	75,582
55-59	27,686	16,225	43,911
60-64	17,621	14,789	32,410
65-69	11,065	9,375	20,440
70-74	7,235	7,419	14,654
75-79	4,954	4,768	9,722
Above 80	6,034	7,874	13,908
Age not stated	6,518	2,437	8,955
Total	2,094,712	1,782,510	3,877,222

Source: Statistical Abstract 1995

Note: Excluding town below 2,000

Table K.1.1.5-5 Population by Tribes and Nationality (1989)

	Male	Female	Total	%
Embu	128,235	128,388	256,623	1.20
Kamba	1,212,635	1,235,667	2,448,302	11.42
Kikuyu	2,205,640	2,250,225	4,455,865	20.78
Mbere	48,364	52,643	101,007	0.47
Meru	540,160	547,618	1,087,778	5.07
Tharaka	48,558	50,970	99,528	0.46
Kisii	653,150	665,259	1,318,409	6.15
Kuria	55,904	56,332	112,236	0.52
Luhya	1,518,851	1,564,422	3,083,273	14.38
Bajun	27,556	27,631	55,187	0.26
Boni-Sanye	5,513	5,378	10,891	0.05
Mijikenda	492,971	514,400	1,007,371	4.70
Pokomo	29,276	29,369	58,645	0.27
Taita	99,546	103,843	203,389	0.95
Taveta	7,090	7,268	14,358	0.07
Swahili-Shirazi	7,050	6,870	13,920	0.06
Basuba	55,380	52,439	107,819	0.50
Luo	1,306,323	1,347,609	2,653,932	12.38
Dorobo	12,396	11,967	24,363	0.11
Elmolo	1,800	1,800	3,600	0.02
Kalenjin	1,223,037	1,235,086	2,458,123	11.46
Masai	188,950	188,139	377,089	1.76
Njemps	7,826	8,046	15,872	0.07
Samburu	53,182	53,715	106,897	0.50
Teso	88,861	89,594	178,455	0.83
Turkana	140,071	143,679	283,750	1.32
Boran	41,714	38,446	80,160	0.37
Gabra	18,194	17,532	35,726	0.17
Bulji	3,051	2,924	5,975	0.03
Dasnach-Shanjil	281	137	418	0.00
Orma	23,060	22,502	45,562	0.21
Rendile	12,804	13,732	26,536	0.12
Sakuye	5,307	5,371	10,678	0.05
Ajuran	13,461	13,455	26,916	0.13
Degodia	52,101	48,299	100,400	0.47
Gosha	1,037	1,044	2,081	0.01
Gurreh	41,501	38,503	80,004	0.37
Hawiyah	14,091	13,153	27,244	0.13
Ogaden	71,797	67,800	139,597	0.65
Somali-So-Stated	24,232	20,866	45,098	0.21
Kenyan Asian	28,113	24,855	52,968	0.25
Kenyan European	1,720	1,464	3,184	0.01
Kenyan Arabs	16,838	16,876	33,714	0.16
Other Kenyan	14,560	14,162	28,722	0.13
Tanzanians	10,796	8,529	19,325	0.09
Ugandans	12,965	14,302	27,267	0.13
Other Africans	8,357	6,114	14,471	0.07
Indians	14,925	14,166	29,091	0.14
Pakistanis	997	865	1,862	0.01
Other Asians	3,044	2,220	5,264	0.02
British	7,076	8,532	15,608	0.07
Other Europeans	8,350	7,418	15,768	0.07
Other Arabs	4,153	3,728	7,881	0.04
Rest-Nec	3,291	3,017	6,308	0.03
Tribe unknown	1,459	952	2,411	0.01
NR	10,768	5,947	16,715	0.08
Total	10,628,368	10,815,268	21,443,636	100.00

Source: Statistical Abstract 1995

Table K.1.1.5-6 Kenya Population (1948-1989)

	1948	1962	1969	1979	1989
African	5,251,120	8,365,942	10,733,202	15,101,540	21,252,861
Non-African					
Asian	97,687	176,613	139,037	78,600	89,185
European	29,660	55,759	40,593	39,901	34,560
Arab	24,174	34,048	27,886	39,146	41,595
Others	3,325	3,901	1,987	67,874	25,435
Sub-Total	154,846	270,321	209,503	225,521	190,775
Total	5,405,966	8,636,263	10,942,705	15,327,061	21,443,636

Source: Statistical Abstract 1995

Table K.1.1.5-7 Population Projection for 2010

	(unit:1,000)			
	1980	1990	2000	2010
Total	16,670	22,753	29,706	36,898
Annual growth(%)		3.5	2.7	2.2
Female	8,390	11,399	14,855	18,461
Male	8,280	11,354	14,851	18,437
Rural				
Population	14,170	18,727	22,755	25,581
%	85.0	82.3	76.6	69.6
Urban				
Population	2,500	4,026	6,951	11,217
%	15.0	17.7	23.4	30.4

Source: Sessional Paper No. 1 of 1994

K. 1. 6 EMPLOYMENT Table K.1.1.6-1 Percentage Distribution of Population in the Agriculture, Forestry and Fishery Sector

	National Level					
	Agriculture		Forestry		Fishing	
	Number	%	Number	%	Number	%
Male						
5~9 years	75,105	79.2	0	0.0	0	0.0
10~14 years	124,777	81.1	141	0.1	0	0.0
15~19 years	308,838	70.6	956	0.2	1,387	0.3
20~24 years	396,986	57.2	3,293	0.5	5,005	0.7
25~29 years	274,873	40.2	1,430	0.2	7,277	1.1
30~34 years	337,259	40.6	9,054	1.1	7,303	0.9
35~39 years	261,135	38.5	6,899	1.0	11,045	1.6
40~44 years	243,205	47.6	4,298	0.8	4,383	0.9
45~49 years	209,655	50.8	2,852	0.7	4,640	1.1
50~54 years	156,623	54.7	3,117	1.1	1,288	0.5
55~59 years	153,165	68.5	202	0.1	448	0.2
60+years	475,456	81.3	318	0.1	2,305	0.4
Sub-Total	3,017,077	54.0	32,560	0.6	45,081	0.8
Female						
5~9 years	81,800	87.5	0	0.0	0	0.0
10~14 years	132,770	72.1	115	0.1	0	0.0
15~19 years	392,179	64.9	1,073	0.2	832	0.1
20~24 years	737,680	64.0	4,621	0.4	3,096	0.3
25~29 years	667,620	64.6	2,157	0.2	6,114	0.6
30~34 years	554,909	66.1	2,748	0.3	4,058	0.5
35~39 years	450,202	69.5	4,212	0.7	5,056	0.8
40~44 years	362,192	76.1	2,065	0.4	3,654	0.8
45~49 years	256,381	76.9	533	0.2	709	0.2
50~54 years	288,722	81.0	476	0.1	1,061	0.3
55~59 years	190,441	85.4	93	0.0	1,430	0.6
60+years	443,379	87.9	899	0.2	678	0.1
Sub-Total	4,558,275	70.7	18,992	0.3	26,688	0.4
Total	7,575,352		51,552		71,769	

Table K.1.1.6-2 Employees by Industrial Sector (1994)

	Age Group					Total
	1-4	5-9	10-19	20-49	>50	
1. Agriculture and Forestry						
Coffee plantations	145	90	513	3,611	46,180	50,539
Tea plantations	17	12	165	238	71,504	71,936
Sugar plantations	135	48	378	591	22,744	23,896
Sisal plantations	1	0	24	0	15,006	15,031
Mixed farming	394	558	847	2,384	29,604	33,787
Ranches	136	459	1,073	2,060	11,952	15,680
Other agricultural activities	625	370	974	1,638	15,575	19,182
Processing cooperatives of small	39	147	152	894	4,491	5,723
Agricultural services	52	119	277	524	19,028	20,000
Hunting, trapping and game propag	4	13	228	1,375	2,557	4,177
Forestry	2	0	25	194	19,597	19,818
Charcoal burning	2	0	12	0	163	177
Logging	0	0	0	0	493	493
Ocean and coastal fishing	0	5	0	0	61	66
Inland water fishing	3	0	13	0	182	198
Sub-Total	1,555	1,821	4,681	13,509	259,137	280,703
2. Mining and Quarrying	29	70	113	528	3,858	4,598
3. Manufacturing	1,322	1,636	5,117	20,842	168,732	197,649
4. Electricity and water	68	91	188	653	20,979	21,979
5. Construction	1,252	1,586	2,740	8,075	59,669	73,322
6. Wholesale and Retail						
Trade, Restaurants & Hotel	9,272	7,655	13,052	22,367	74,323	126,669
7. Transport and Communications	1,435	3,524	11,436	17,887	43,569	77,851
8. Finance, Insurance, Real Estate & Bussnes Services	1,597	2,005	4,196	8,950	58,219	74,967
9. Community, Social and Personal Services	84,362	7,150	21,220	43,419	490,539	646,690
Grand Total	100,892	25,538	62,743	136,230	1,179,025	1,504,428

Source: Statistical Abstract 1995

Table K.1.1.6-3 Wage Employment by Industry and Sex

INDUSTRY	(unit:1,000)					
	MALES		FEMALES		TOTAL	
	1995	1996*	1995	1996*	1995	1996*
Agriculture and Forestry	222.8	226.4	71.2	76.6	294.0	303.0
Mining and Quarrying	3.5	3.5	1.2	1.3	4.7	4.8
Manufacturing	173.9	176.7	30.9	33.8	204.8	210.5
Electricity and Water	19.6	19.3	3.3	4.0	22.9	23.3
Building and Construction	70.3	72.5	6.1	6.3	76.4	78.8
Trade, Restaurants and Hotels	104.4	107.9	30.5	36.4	134.9	144.3
Transport and Communications	64.9	64.6	14.2	15.7	79.1	80.3
Finance, Insurance, Real Estate and Business Services	61.2	60.3	16.8	20.7	78.0	81.0
Community, Social and Personal Services-						
Public Administration	134.2	108.1	42.6	64.7	176.8	172.8
Education Services	162.0	166.4	107.6	110.6	269.6	277.0
Domestic Services	51.1	56.4	35.3	38.9	86.4	95.3
Other Services	81.4	85.4	48.0	50.3	129.4	135.7
Total	1,149.3	1,147.5	407.7	459.3	1,557.0	1,606.8
Of which, Regular	959.9	961.8	345.8	372.5	1,305.7	1,334.3
Casual	189.3	185.7	61.9	86.8	251.2	272.5

Source: Economic Survey 1997

Table K.1.1.6-4 Number of Persons Engaged by Province

Province	(unit: Number)			
	1993	1994	1995	1996*
Nairobi	366,332	433,014	538,432	623,924
Central	226,305	281,643	356,669	417,713
Nyanza	177,921	213,642	268,356	319,894
Western	98,254	131,472	156,493	187,706
Rift Valley	279,260	332,256	420,960	502,313
Eastern	138,852	164,340	217,204	253,800
Coast	174,582	229,905	274,291	325,181
North Eastern	5,006	6,101	8,061	13,219
Total	1,466,512	1,792,373	2,240,466	2,643,750
Of which, Urban	960,801	1,165,041	1,470,255	1,692,000
Urban	505,711	627,332	770,211	951,750

Source: Economic Survey 1997

Table K.1.1.6-5 Basic Gazetted Minimum Monthly Wages for Agricultural Industries

Type of Employees	(unit:Ksh/month/capita)		
	1994	1995	1996
1) Unskilled Employees			
18 years and above	869	939	995
Under 18 years	620	670	710
2) Stockman, herdman and watchman			
18 years and above	719	1,083	1,148
Under 18 years	620	777	824
3) Skilled and semi-skilled employees			
House servant or cock	992	1,071	1,135
Farm foreman	1,567	1,692	1,794
Farm clerk	1,567	1,692	1,794
Section foreman	1,015	1,096	1,162
Farm artisan	1,040	1,123	1,190
Tractor driver	1,102	1,190	1,261
Combined harvester driver	1,213	1,310	1,389
Lorry or car driver	1,273	1,375	1,458
4) Average	1,050	1,168	1,238

Source: Economic Survey 1997

Table K.1.1.6-6 Sources of Employment and Employment Growth

	(unit: million)			
	1991	1994	2001	Increase (1994-2001)
Small Scale Agriculture	5.31	5.92	7	1.08
Large Scale Agriculture	0.42	0.47	0.55	0.08
Rural Informal	0.35	0.62	0.98	0.36
Rural Formal, non	0.23	0.41	0.55	0.13
Urban Formal	0.74	0.81	1.08	0.27
Urban Informal	0.7	1.16	1.83	0.66
Total Employed	7.77	9.4	12	2.61
Total Labour Force	10.1	11.5	13.7	2.23
Unemployed	23.4	18.5	12.8	-

Source: National Development Plan 1997-2001

K. 1.7 FOREIGN TRADE

Table K.1.1.7-1 Balance of Trade

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Exports											
Domestic	957,970	753,413	917,719	999,842	1,232,360	1,611,179	1,708,085	3,625,207	4,170,724	4,656,190	5,696,300
Re-Exports	28,878	36,452	34,161	19,901	11,650	18,288	34,183	53,040	111,408	210,760	213,700
Total	986,848	789,865	951,880	1,019,743	1,244,010	1,629,467	1,742,268	3,678,247	4,282,132	4,866,950	5,910,000
Imports											
Commercial	1,276,026	1,346,326	1,654,324	2,097,267	2,397,548	2,500,911	2,828,853	4,845,061	5,556,159	7,495,490	8,144,220
Government	61,867	84,555	110,821	141,704	148,082	145,002	126,010	211,358	197,829	262,930	280,090
Total	1,337,893	1,430,881	1,765,145	2,238,971	2,545,630	2,645,913	2,954,863	5,056,419	5,753,988	7,758,420	8,424,310
Balance	-351,045	-641,016	-813,265	-1,219,228	-1,301,620	-1,016,446	-1,212,595	-1,378,172	-1,471,856	-2,891,470	-2,514,310

Source: Statistical Abstract 1995

Note: Domestic exports: These are defined as Kenya produce and manufactures exported to other countries.

Re-exports: These consists of imported goods re-exported in the same form to other countries.

Table K.1.1.7-2 Price Indices

	1992	1993	1994	1995	1996
Exports:					
Food and live animals	240	475	534	558	530
Beverages and tobacco	327	737	401	390	632
Crude materials, inedible	260	465	561	510	625
Mineral fuels	207	276	297	310	383
Animal and vegetable oils and fats	325	344	727	316	229
Chemicals	264	516	491	480	529
Manufactured goods	265	458	497	600	677
Machinery and transport equipment	404	436	204	222	496
Miscellaneous manufactured articles	431	527	488	644	514
All Exports	244	438	450	489	519
Non-oil Exports	254	483	486	530	549
Imports:					
Food and live animals	331	551	369	487	408
Beverages and tobacco	456	821	677	636	828
Crude materials, inedible	300	480	472	472	488
Mineral fuels	211	309	257	273	358
Animal and vegetable oils and fats	327	527	571	743	728
Chemicals	444	776	743	603	637
Manufactured goods	371	613	634	669	573
Machinery and transport equipment	341	569	589	629	767
Miscellaneous manufactured articles	318	565	492	641	676
All Imports	307	486	445	513	560
Non-oil Imports	359	594	536	550	577

Source: Economic Survey 1997

Table K.1.1.7-3 Principal Exporting Commodities in Quantity (1986-1994)

Unit	1986	1987	1988	1989	1990	1991	1992	1993	1994	
1. Food, Beverage and Tobacco										
Live animals mainly for food	No.	162,333	74,048	143,456	366,663	189,126	101,132	140,096	529,179	961,265
Meat and meat preparations	ton	763	87	71	403	1,584	2,153	400	740	911
Milk and cream dry	ton	208	655	1,923	1,144	165	112	297	1,276	442
Butter and ghee	ton	423	315	225	262	418	50	75	100	71
Eggs	1,000 pcs	606	575	484	220	1	498	813	65	7,962
Fish and fish preparations	ton	1,298	3,290	5,149	8,040	11,017	13,689	14,176	17,432	18,447
Maize, unmilled	ton	227,951	247,688	167,237	110,241	159,883	18,720	417	111	1,685
Cashew nuts	ton	599	75	1,500	2,581	89	1,289	175	47	-
Peanut oil	ton	44,645	42,977	41,056	61,343	66,952	71,502	67,531	67,336	67,752
Potatoes	ton	299	1,618	473	1,535	85	56	145	448	238
Beans, peas and pulses	ton	21,266	47,943	37,208	9,217	34,615	25,132	1,251	957	1,195
Coffee, not roasted	ton	126,486	99,967	90,762	97,500	114,376	84,104	78,144	88,289	79,616
Tea	ton	116,456	134,627	136,201	163,279	166,405	175,557	166,518	188,436	174,926
Feeding stuffs for animals	ton	16,966	9,723	7,532	11,238	7,938	34,892	14,219	13,361	12,269
2. Basic Materials, Mineral, Fuels and Lubricants										
Hide and skins, undressed	ton	13,965	16,052	17,580	10,153	348	12,675	410	748	2,704
Oil seeds, oil nuts and kernels	ton	3,250	5,033	2,279	2,180	2,541	2,007	1,833	1,313	1,066
Timber	1,000 cum	3	-	-	3	1	1	16	16	87
Wool raw	ton	1,109	1,024	795	445	-	2	984	399	301
Cotton raw	ton	499	56	-	-	-	-	-	4	-
Sisal fibre and tow	ton	31,695	27,913	30,934	32,856	30,323	27,743	32,026	27,330	25,354
Elephant ivory	ton	-	-	-	-	-	-	-	-	-
Flourspar	ton	41,132	45,631	98,105	81,204	88,019	-	65,639	71,095	62,202
Wattle bark	ton	86	486	571	135	60	20	-	-	179
Pyrethrum flowers	ton	56	113	46	205	90	78	108	72	120
Pyrethrum extract	ton	257	193	332	206	216	291	241	185	244
Animal and vegetable oils and fat	ton	1,139	1,877	1,908	5,702	1,760	2,444	3,994	6,211	27,177
Petroleum products	min lit.	847	692	839	666	634	776	778	730	540
3. Manufactured Goods										
Chemicals:										
Sodium carbonate	1,000 ton	229	197	228	207	185	197	164	218	178
Wattle bark extract	ton	6,247	9,268	7,199	7,613	7,843	6,777	8,066	8,154	7,439
Cement	1,000 ton	496	353	347	314	317	305	392	522	596
Steel doors and windows	ton	47	56	68	54	43	50	23	58	109
Aluminium ware, domestic	ton	178	55	101	90	2	19,638	10,329	92	8
Metal container	ton	409	584	836	1,087	790	783	1,270	845	1,136
Footwear	1,000 pair	184	140	156	1,130	408	639	6,893	20,951	17,235
4. Miscellaneous										
Live animals	No.	5,407	4,915	4,369	76,738	15,073	4,530	1,623	2,680	5,300
Gold	grams	117,991	295,340	45,103	46,000	-	3,120,741	1,831,091	1,501,594	54,460

Source: Statistical Abstract 1995

Table K.1.1.7-4 Export of Principal Commodities in Value

	1986	1987	1988	1989	1990	1991	1992	1993	1994
1. Food, Beverage & Tobacco									
Live animals, mainly for food	2,595	1,801	1,523	3,808	2,803	1,931	2,792	6,719	3,758
Meat and meat preparations	1,589	216	186	1,273	5,583	4,270	2,097	5,598	5,335
Tinned meat and preparations	1,429	25	13	1,013	0	0	0	0	0
Bacon	17	27	7	11	5	25	7	183	740
Others	143	164	166	249	5,578	4,245	2,090	5,415	4,595
Milk and cream	444	994	1,983	1,555	607	328	956	5,833	4,644
Butter and ghee	627	518	337	618	672	82	186	297	189
Eggs	51	57	47	40	46	57	124	236	374
Fish and preparations	2,509	5,637	8,938	14,600	30,824	37,965	42,105	86,393	95,309
Maize unmilled	14,663	19,459	21,668	15,566	20,667	4,804	757	304	849
Meal and flour of wheat	11	15	10	18	10	19	357	603	700
Fruit and vegetables Total	66,148	77,134	94,784	90,968	128,027	143,825	158,133	269,580	277,002
Cashew nuts	320	225	801	1,160	243	7,319	738	428	5,339
Pineapples tinned	24,204	25,768	25,071	37,066	43,400	56,683	56,919	96,758	84,723
Beans, peas and lentiles	6,744	13,410	12,019	1,707	14,367	6,642	953	1,348	1,642
Others	34,880	37,731	56,893	51,035	70,017	73,181	99,518	171,046	185,298
Coffee not roasted	388,486	194,569	244,547	203,813	220,996	218,428	206,339	551,510	652,897
Tea	172,789	163,366	185,263	271,899	314,505	381,630	474,908	933,659	844,069
Feeding stuffs for animals	1,095	644	619	1,122	751	3,349	2,011	2,701	3,283
Others	3,920	4,120	5,250	6,420	28,021	12,653	19,468	40,710	93,260
Beverage and tobacco	9,809	6,423	5,724	7,158	13,562	16,849	35,286	103,692	143,294
Sub-total	666,325	475,169	571,065	620,131	772,657	830,460	947,616	2,013,433	2,130,298
2. Basic Materials, Mineral Fuels and Lubricants	170,032	170,880	212,612	213,571	253,979	392,534	397,523	654,791	696,803
3. Manufactured Goods	114,284	108,967	136,015	169,292	207,351	359,028	429,472	919,298	1,345,939
4. Miscellaneous	10,904	600	202	79	360	31,128	30,514	43,282	3,019
Grand Total (domestic exports)	957,971	753,413	917,719	999,842	1,232,360	1,533,831	1,708,085	3,625,206	4,170,724
Re-exports	28,878	36,452	34,161	19,901	11,650	18,288	34,183	53,040	111,408
Total Exports	986,848	789,865	951,880	1,019,743	1,244,010	1,629,467	1,742,268	3,678,247	4,282,132

Source: Statistic Abstract 1995

Table K.1.1.7-5 Composition of the Domestic Exports in Value

	1986	1987	1988	1989	1990	1991	1992	1993	1994
Coffee not roasted	40.6	25.8	26.6	20.4	17.9	13.6	12.1	15.2	15.6
Tea	18.0	21.7	20.2	27.2	25.4	23.7	27.8	25.8	20.2
Horticulture	8.2	12.5	12.5	11.2	13.0	11.5	12.2	10.8	10.0
Sisal fiber and tow	1.1	1.3	1.3	1.6	1.6	1.1	1.0	1.0	0.8
Meat and meat preparations	0.2	-	-	0.1	0.5	0.3	0.2	0.2	0.1
Pyrethrum extract and flowers	1.2	1.3	1.3	1.7	1.7	2.0	2.1	1.4	1.9
Hides, skins and furskin undr	1.3	2.2	2.8	3.3	0.1	0.1	0.1	0.2	0.3
Pineapples tinned	-	-	-	-	-	-	-	-	-
Cotton raw	0.1	0.2	0.2	0.1	-	-	-	-	-
Wool raw	0.1	-	-	-	-	-	-	-	-
Cashew nuts	-	-	-	-	-	-	-	-	-
Beans, peas and lentils	-	-	-	-	-	-	-	-	-
Oil seeds, oil nuts and oil	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Maize unmilled	1.5	2.6	2.4	1.6	1.7	0.3	-	0.0	-
Butter and ghee	0.1	0.1	-	-	0.1	-	-	-	-
Petroleum products	10.3	12.6	12.0	10.2	11.4	15.8	13.8	9.3	6.1
Cement, building	1.4	1.4	1.1	1.1	1.0	1.1	1.4	1.8	2.0
Wattle bark and extract	0.5	0.7	0.6	0.5	0.6	0.5	0.6	0.5	0.4
Sodium carbonate	1.5	1.8	2.0	2.2	2.0	1.9	1.6	1.7	1.2
Scrap metal	0.2	0.2	0.2	0.3	0.2	0.2	-	0.2	0.2
Others	13.6	15.5	16.6	18.3	22.7	27.8	27.0	31.8	41.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Statistical Abstract 1995

Table K.1.1.7-6 Export Value by Destination Countries (1986-1994)

	1986	1987	1988	1989	1990	1991	1992	(unit: 1,000 K. pound)	
								1993	1994
Wester Europe									
EEC	138,457	127,253	181,771	198,382	218,188	266,798	319,177	590,028	495,828
UK	136,328	75,663	114,530	88,696	137,669	123,499	113,302	266,760	332,612
W. Germany	91,708	56,736	48,280	49,685	69,929	66,283	70,936	145,650	182,013
Netherland	14,005	15,351	17,472	21,328	30,328	40,354	46,794	72,882	81,790
France	7,323	6,216	7,570	9,607	8,889	12,967	13,977	20,736	21,955
Eire	20,449	16,978	32,763	26,951	27,757	39,201	42,422	66,108	78,454
Italy	2,521	2,088	1,509	1,984	3,408	4,084	4,152	7,175	13,095
Denmark	14,894	15,116	25,688	33,268	34,183	36,202	36,166	85,992	91,177
Belgium/Luxemburg	1,320	502	2,425	1,384	2,732	3,475	1,946	1,655	3,543
Norway	18,349	11,925	21,254	16,400	21,305	23,888	22,031	62,048	49,778
Sweden	3,900	7,869	11,161	12,976	15,613	32,252	20,748	47,414	43,636
Spain	1,771	1,009	2,648	2,112	3,037	4,106	4,703	8,178	13,339
Greece	32,829	15,047	22,491	20,054	30,486	115,509	35,116	75,386	68,002
Sub-Total	483,854	351,753	489,562	482,827	603,524	768,618	731,470	1,450,012	1,475,222
Eastern Europe									
USSR	2,386	1,911	1,919	14,854	11,316	62	37	3,569	508
E. Germany	583	1,293	137	52	16	49	-	-	-
Yugoslavia	2,923	1,797	2,095	1,028	3,081	1,211	481	986	684
Czechoslovakia	537	298	34	706	93	362	16	120	162
Rest	3,941	3,541	1,784	3,475	5,270	1,239	431	1,970	5,683
Sub-Total	10,370	8,840	5,969	20,115	19,776	2,923	965	6,645	7,037
North and South America									
USA	84,571	42,222	45,476	49,350	42,577	57,500	63,295	136,501	146,753
Central and South America	454	115	304	123	266	2,269	595	1,352	3,065
Canada	8,503	5,926	8,340	10,008	10,855	10,321	11,480	29,808	28,917
Sub-Total	93,528	48,263	54,120	59,481	53,698	70,090	75,370	167,661	178,735
Africa									
Uganda	68,640	60,315	77,650	62,150	61,298	103,837	118,725	325,976	510,014
Tanzania	24,386	15,956	21,783	24,423	29,714	50,849	74,784	254,185	425,709
Zaire	11,274	11,468	10,691	6,623	6,289	15,842	12,646	28,433	62,775
Rwanda	24,442	22,937	22,949	16,542	17,878	28,761	22,142	66,114	240,243
Burundi	8,695	11,280	11,553	6,225	7,842	14,322	10,584	21,500	31,075
Somalia	6,675	7,570	6,792	7,596	23,358	17,413	48,425	113,106	121,925
Sudan	18,872	19,691	19,113	19,343	19,523	28,326	20,170	81,495	68,345
Zambia	1,181	2,027	5,112	2,582	3,140	3,682	5,262	8,028	8,432
Malawi	400	368	2,397	1,003	1,608	2,246	2,388	5,844	7,069
Mauritius	2,535	2,155	2,308	2,864	8,817	6,255	9,845	27,513	24,667
Rest	31,385	45,650	49,435	67,060	81,540	98,612	130,669	305,997	315,739
Sub-Total	198,485	199,417	229,783	216,411	261,007	370,145	455,640	1,238,189	1,815,993
Middle East									
South Yemen	1,366	2,206	1,713	1,213	2,650	2,498	4,598	11,151	8,718
Kuwait	1,437	461	1,170	1,265	1,285	671	1,958	1,419	1,310
Iran	418	2,915	230	721	3,398	5,006	819	19	394
Saudi Arabia	22,955	14,603	9,727	8,898	10,507	11,038	11,907	26,280	16,444
Bahrain	1,354	1,381	870	1,446	989	1,483	2,591	2,784	1,648
Israel	1,858	3,387	4,622	7,660	17,516	14,761	18,682	31,423	22,317
Rest	12,907	5,155	4,089	7,193	11,843	11,244	10,084	31,754	23,324
Sub-Total	42,295	30,108	22,421	28,396	48,188	46,701	50,539	104,830	74,155
Far East and Australia									
Australia	3,065	3,525	4,726	5,675	4,352	6,827	6,629	12,832	16,219
Hong Kong	1,068	1,109	786	1,226	1,960	3,518	5,115	7,457	14,872
Japan	8,550	7,020	13,631	12,161	15,127	15,847	23,769	33,294	33,302
India	5,880	4,261	5,456	8,565	19,423	9,026	11,210	29,176	25,718
Malaysia	1,172	1,415	1,370	3,301	5,503	7,159	3,366	9,491	6,982
New Zealand	612	980	794	1,260	1,285	1,389	1,225	3,495	3,484
Pakistan	54,406	40,448	21,569	71,629	81,087	102,739	138,972	255,513	296,068
China	3,967	2,745	2,631	2,679	454	1,118	3,131	3,286	2,125
Rest	14,103	13,379	17,809	19,746	27,716	28,599	43,985	114,642	88,754
Sub-Total	92,823	74,882	68,772	126,242	156,907	176,222	237,402	469,186	487,524
Other Countries									
Ship stores	377	43	64	260	223	2,055	9,504	3,579	8896
Rest	36,238	41,106	47,028	65,110	89,037	174,425	207,195	185,105	123,162
Grand Total	957,970	754,412	917,719	998,842	1,232,360	1,611,179	1,768,085	3,625,207	4,170,724

Source: Statistical Abstract 1995

Table K.1.1.7-7 Export Value by Principal Commodities by Destination Countries

(unit: 1,000K. pound)

	West											Total	
	Germany	UK	Netherlands	USA	Italy	Sweden	Finland	Canada	Egypt	Yugoslavia	Stores		Countries
Coffee not roasted	277,271	67,607	52,886	30,170	14,770	47,248	33,936	9,834	0	0	49	118,608	652,837
Tea	4,564	328,924	12,388	13,755	1,241	13	0	11,382	124,749	0	22	347,031	844,069
Beans, peas and lentils	0	534	0	156	0	0	0	0	0	0	5	947	1,642
Sisal fiber and tow	562	3,914	457	659	271	0	0	392	1,440	5	0	25,420	33,120
Meat and meat preparations	0	94	0	0	0	0	0	0	0	0	849	4,392	5,336
Pyrethrum extract	407	2,298	0	61,922	4,366	455	506	1,889	160	55	0	6,372	78,430
Pyrethrum flowers	0	0	0	0	0	0	0	0	0	0	0	564	564
Hides, skins and furskin undressed	84	1	0	0	2,044	14	0	0	0	0	0	12,052	14,196
Pineapples tinned	8,392	13,003	9,733	18	14,238	886	0	0	0	0	1	38,453	84,724
Cotton raw	0	0	0	0	0	0	0	0	0	0	0	0	0
Wool raw	0	0	0	0	0	0	0	0	0	0	0	999	999
Cashew nuts	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil seeds, oil nuts and oil kernels	84	121	532	1,904	0	98	0	0	0	0	2	1,089	3,830
Maize unmilled	0	0	4	0	0	0	0	0	0	0	0	845	849
Butter and ghee	0	0	0	0	0	0	0	0	0	0	46	143	189
Petroleum products	0	0	0	0	0	0	0	0	0	0	115,239	138,193	253,432
Cement, building	0	0	0	0	0	0	0	0	0	0	0	81,656	81,656
Wattle bark and extract	0	0	0	0	0	0	0	0	0	0	0	14,698	14,698
Sodium carbonate	0	0	0	0	0	0	0	0	0	0	0	48,586	48,586
Others	41,248	79,332	106,013	38,170	41,624	1,064	0	5,419	0	106	6,949	1,731,684	2,051,609
Total	332,613	495,828	182,013	146,754	78,554	49,778	34,442	28,917	126,350	684	123,162	2,571,732	4,170,826

Source: Statistical Abstract 1995

Table K.1.1.7-8 Quantities of Principal Exports

Commodity	unit	1990	1991	1992	1993	1994	1995	1996*
Coffee	ton	144,384	84,191	78,147	88,356	79,679	88,519	116,731
Tea	"	166,405	175,557	166,518	188,435	174,926	217,937	262,146
Petroleum Products	Mn. lit.	638	767	769	723	540	446	567
Pyrethrum Products	ton	453	442	241	749	399	215	717
Meat products	"	1,538	2,153	401	740	911	1,068	1,175
Sisal	"	30,125	27,743	32,026	27,000	25,354	25,188	21,672
Hides and Skins	"	1,093	274	410	748	2,704	2,218	2,301
Soda Ash	"	185,179	197,427	163,521	215,024	178,312	205,676	197,021
Fluorspar	"	88,229	55,679	66,538	71,040	62,202	64,434	37,764
Cement	"	329,539	304,917	392,144	522,125	595,777	501,014	662,036
Maize (raw)	"	159,883	18,720	417	111	1,685	154,291	221,478
Horticulture**	"	188,825	169,292	154,112	265,305	165,481	228,576	304,461
Butter and ghee	"	418	49	75	100	70	175	1,594
Cotton (raw)	"	-	-	-	-	-	962	-
Wool	"	-	2	983	399	301	347	295
Animal feeds	"	7,938	34,692	14,219	13,361	12,269	11,008	2,116

* Provisional.

** Horticulture includes cut flowers, fruits and vegetables, both fresh and processed.

Source: Economic Survey 1997

Table K.1.1.7-9 Export Change in Value, Quantity and Prices (1995-1996)

Commodity	Value (K£1,000)					
	1991	1992	1993	1994	1995	1996**
Coffee, unroasted	218,400	206,300	551,500	652,900	722,132.4	821,360.2
Tea	381,600	474,900	933,000	844,100	899,472.9	1,135,227.9
Petroleum Products	255,000	235,900	335,700	253,400	219,060.0	350,909.9
Meat and meat products	4,300	2,100	5,600	5,300	4,442.7	5,481.3
Pyrethrum extract	32,200	36,600	49,600	78,300	66,369.4	79,960.0
Sisal	17,700	17,400	35,900	33,100	29,413.8	40,712.8
Hides and Skins (undressed)	600	900	6,000	14,200	14,554.6	11,593.2
Wattle extract	7,400	9,900	19,400	14,700	10,762.3	14,660.0
Soda ash	3,100	27,300	61,400	48,600	51,539.8	57,753.3
Fluorspar	7,000	7,100	12,800	11,700	12,914.4	17,898.3
Cement	16,300	24,400	65,000	81,700	80,869.6	127,215.2
Horticulture	184,800	209,200	390,200	414,900	531,293.6	681,567.7
Animal feeds	3,300	2,000	2,700	3,300	2,156.3	577.7
Cotton (raw)	-	-	-	-	3,842.3	0.2
Wood carvings	2,800	4,200	9,100	10,700	10,923.6	12,039.7
Metal scrap	3,700	6,500	5,500	7,200	8,393.9	8,830.2
All other commodities	367,700	443,300	1,141,000	1,696,600	1,988,041.7	2,218,828.4
TOTAL	1,533,800	1,708,100	3,624,400	4,170,700	4,656,183.3	5,584,616.0

* Excluding Re-exports.

** Provisional.

Table K.1.1.7-10 Export Prices

Commodity	Unit	(unit:Ksh/unit)				
		1992	1993	1994	1995	1996*
Coffee, unroasted	Kg.	52.81	124.93	164.01	163.21	142.47
Tea	Kg.	57.04	99.10	96.51	82.54	86.61
Petroleum Products	1,000 Lt.	6,130.00	9,291.15	9,391.63	9,819.66	12,386.86
Maize (raw)	100Kg.	3,631.22	5,501.11	1,007.83	1,173.58	903.15
Meat and meat products	Kg.	104.70	151.20	117.17	83.17	93.29
Pyrethrum Extract	Kg.	3,035.78	5,368.33	6,409.33	5,070.68	5,676.54
Sisal	100Kg.	1,089.04	2,657.00	2,612.62	2,635.00	3,757.16
Hides and Skins (undressed)	Kg.	46.07	160.78	105.00	131.22	100.76
Wattle extract	Kg.	24.63	47.67	39.51	35.44	39.25
Soda Ash	100Kg.	333.35	571.38	544.95	501.77	586.26
Fluorspar	100Kg.	212.11	360.63	376.93	400.86	947.91
Cement	100Kg.	124.60	249.10	274.12	322.82	384.31
Horticulture	Kg.	27.15	29.42	50.14	46.49	44.77
Wool	Kg.	29.06	27.64	66.44	78.46	94.22
Animal feeds	100Kg.	282.86	404.30	535.16	391.76	545.91
Cotton (raw)	Kg.	60.00	94.34		79.89	375.00
Butter and ghee	Kg.	49.55	59.55	53.82	130.89	74.79
Wattle bark	100Kg.			3,620.57	710.84	1,176.21

Source: Economic Survey 1997

Table K.1.1.7-11 The main Export Outlets for Fresh Horticultural Crops by County in Quantity

	(unit:ton)				
	1993	1994	1995	1996	1997
UK	17,935	19,581	21,191	22,592	17,222
(%)	28.9	30.0	28.0	26.6	30.7
Holland	17,623	18,803	25,580	28,025	20,969
(%)	28.4	28.8	33.8	33.0	37.4
France	10,352	10,490	12,034	10,371	7,179
(%)	16.7	16.1	15.9	12.2	12.8
Germany	6,467	6,630	6,334	6,292	3,791
(%)	10.4	10.2	8.4	7.4	6.8
Saudi Arabia	644	444	461	831	549
(%)	1.0	0.7	0.6	1.0	1.0
Others	9,117	9,229	10,046	16,712	6,357
(%)	14.7	14.2	13.3	19.7	11.3
Total	62,138	65,177	75,646	84,823	56,068
	100.0	100.0	100.0	100.0	100.0

Note: for 1997, up to August

Source: HCDA

	(unit:ton)					
	1992	1993	1994	1995	1996	1997
Fruits	11,233	11,697	13,079	13,866	16,869	12,376
Vegetables	26,324	26,786	26,978	32,404	32,742	20,564
Cut Flowers	19,807	23,646	25,121	29,377	35,212	23,343
Total	57,363	62,129	65,178	75,647	84,824	56,283

Source: HCDA

Note: for 1997, up to August

Table K.1.1.7-12 Horticultural Exports

(Cut Flowers, Vegetables and Fruits)

	FOB	
	Volume(ton)	Value(1,000 Ksh)
1970	3,224	6,842
1971	5,123	10,872
1972	7,858	16,672
1973	10,158	29,571
1974	11,335	33,850
1975	13,115	83,274
1976	17,963	102,341
1977	18,844	128,716
1978	21,007	159,757
1979	21,376	194,737
1980	22,266	227,060
1981	23,352	251,601
1982	24,596	272,678
1983	28,850	350,573
1984	31,298	415,860
1985	30,001	469,272
1986	36,211	630,367
1987	36,557	900,087
1988	59,119	1,327,930
1989	49,503	1,440,047
1990	49,147	1,678,576
1991	49,848	2,011,235
1992	57,363	2,516,501
1993	62,128	4,672,715
1994	65,175	4,971,811
1995	71,758	6,582,520
1996	84,823	7,701,948
1997	84,190	8,733,647

Source.HCDA

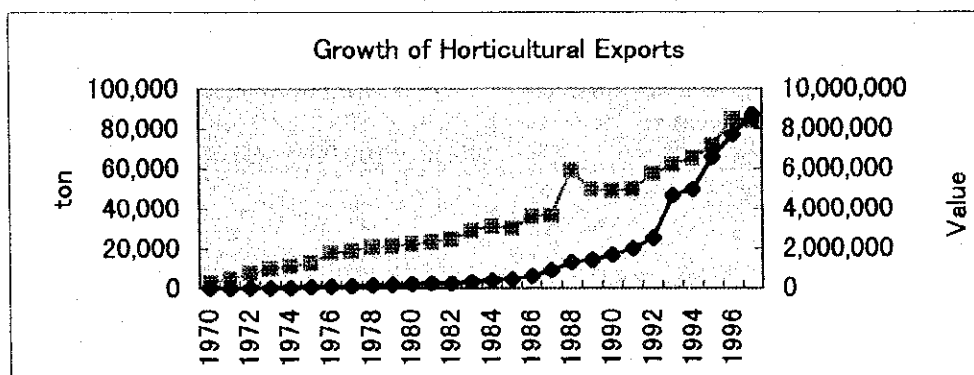


Table K.1.1.7-13 Total Imports by Broad Economic Category

	1992	1993	1994	1995	1996
1. Food and Beverages	225.07	315.61	577.83	351.13	647.84
Primary	49.42	169.81	146.89	152.00	343.09
for industry	47.13	163.75	138.21	134.95	326.05
for household consumption	2.29	6.06	8.68	17.05	17.04
Processed	175.65	145.80	430.94	199.13	304.75
for industry	107.44	84.81	303.60	113.89	142.95
for household consumption	68.21	60.99	127.34	85.24	161.80
2. Industrial Supplies(non-food)	1,109.97	1,922.24	2,265.32	3,042.52	3,083.57
Primary	173.71	99.96	382.27	112.71	213.45
Processed	936.26	1,822.28	1,883.05	2,929.81	2,870.13
3. Fuel and Lubricants	627.59	1,254.44	929.14	1,006.78	1,355.48
Primary	563.64	966.69	729.07	590.33	700.36
Processed	63.95	287.75	200.07	416.45	655.12
Motor spilt	12.28	75.95	31.92	75.43	127.42
Other	51.67	211.80	168.15	341.02	527.70
4. Machinery and Other Capital Equipment	599.65	739.42	883.43	1,493.80	1,529.68
Machinery and other capital equipment	453.15	533.38	622.81	1,079.01	656.97
Parts and accessories	146.50	206.04	260.62	414.79	872.71
5. Transport Equipment	237.98	461.80	705.96	1,318.81	1,214.92
Passenger motor vehicles	79.36	122.34	222.02	394.94	605.46
Other	92.57	197.26	299.14	611.73	569.89
Industrial	82.28	181.90	267.44	578.60	543.48
Non-industrial	10.29	15.36	31.69	33.13	26.41
Parts and accessories	66.05	142.20	184.8	312.14	39.57
6. Consumer goods not Elsewhere Specified	149.07	357.89	385.08	533.55	575.42
Durable	20.68	42.88	53.99	110.08	174.86
Semi-durable	22.50	32.75	46.25	99.64	265.00
7. Goods not elsewhere Specified	105.90	282.26	284.84	323.83	135.56
Total	5.53	5.02	7.23	11.82	17.39
Shares in % by Commodities:	2,954.86	5,056.42	5,753.99	7,758.41	8,424.31
1. Foods and beverages	7.62	6.24	10.04	4.53	7.69
2. Industrial Supplies(non-food)	37.56	38.02	39.37	39.21	36.60
3. Fuel and Lubricants	21.24	24.81	16.15	12.98	16.09
4. Machinery and Other Capital Equipment	20.29	14.62	15.35	19.25	18.16
5. Transport Equipment	8.05	9.13	12.27	17.00	14.42
6. Consumer goods not Elsewhere Specified	5.05	7.08	6.69	6.88	6.83
7. Goods not elsewhere Specified	0.19	0.10	0.13	0.15	0.21
Total	100.00	100.00	100.00	100.00	100.00

Source: Economic Survey 1997

Table K.1.1.7-14 Imports of the Selected Commodities

(K&million)

	1992	1993	1994	1995	1996*
Crude Petroleum	549.39	946.53	720.38	579.63	675.20
Industrial Machinery (Including Electrical)	506.35	653.28	811.93	1,303.21	1,323.22
Iron and Steel	182.87	300.93	310.58	513.10	481.68
Motor Vehicle and Chassis	144.51	276.29	475.76	932.98	790.10
Petroleum Products refined	62.49	284.88	197.26	419.62	648.18
Artificial Resins and Plastic Materials, and Cellulose Esters and Ethers	108.98	194.60	213.24	462.80	364.07
Pharmaceuticals	96.95	273.55	173.63	237.38	257.84
Fertilizers	75.13	166.60	170.60	120.56	241.37
Agricultural Machinery and Tractors	37.09	53.97	49.17	88.61	88.91
Wheat	34.09	152.61	125.88	116.97	318.88
Paper and Paper Products	48.03	75.35	80.27	234.51	204.96
Rice	28.46	23.30	69.05	22.44	34.94

Source: Economic Survey 1997

Table K.1.1.7-15 Origin of Total Imports (1992-1996)

(K&million)

	1992	1993	1994	1995	1996*
European Unions:					
United Kingdom	338.37	602.38	757.63	980.51	1,113.23
Germany, Federal Rep.	199.66	381.52	357.56	528.62	512.28
Italy	154.95	212.45	232.22	348.72	412.89
France	87.83	228.09	175.33	456.99	274.68
Netherlands	75.23	123.16	163.93	222.06	239.21
Other	139.39	218.90	249.69	682.19	622.10
Total	995.43	1,746.50	1,936.36	3,219.09	3,174.39
Other Western Europe, Total	124.82	177.08	214.25	132.51	179.35
Eastern Europe, Total	18.18	38.63	65.57	69.73	104.51
U.S.A.	243.43	293.40	381.60	323.06	440.10
Canada	21.30	40.17	26.55	31.98	89.61
Africa:					
Tanzania	14.45	24.44	54.54	31.10	46.40
Uganda	7.77	15.98	9.29	8.03	1.48
Zambia	15.65	17.64	7.12	8.96	13.21
Other	56.19	63.57	719.97	653.37	743.86
Total	94.06	121.63	790.92	701.46	804.95
Middle East:					
Saudi Arabia	482.08	759.07	643.63	520.33	693.12
United Arab Emirates	71.51	233.85	136.46	282.23	423.49
Iran	53.16	61.89	48.12	26.83	6.08
Other	37.85	97.23	57.56	177.63	251.73
Total	644.60	1,152.04	885.77	1,007.02	1,374.42
Far East and Australia:					
Australia	278.49	383.01	496.77	852.93	625.41
Japan	10.53	12.84	17.30	24.22	82.33
India	85.55	136.47	217.07	416.14	480.64
China (Mainland)	29.36	68.69	76.40	159.61	145.30
Other	272.02	347.96	585.93	651.96	820.46
Total	675.95	948.97	1,393.47	2,104.86	2,154.14
All Other Countries	137.09	538.00	59.50	168.71	102.84
Parcel Post and Special Transactions	-	-	-	-	-
Total	2,954.86	5,056.42	5,753.99	7,758.42	8,424.31

Source: Economic Survey 1997

Table K.1.1.7-16 Import Duty

End-Use category	(K&million)				
	1992	1993	1994	1995	1996*
Food, drinks and tobacco	5.59	17.88	56.35	70.98	104.02
Basic materials	33.41	69.95	77.91	84.28	58.68
Fuel	1.51	102.34	195.13	187.18	221.19
Chemicals	50.83	108.80	115.29	121.18	93.55
Textiles	4.97	27.53	29.24	37.16	18.26
Semi-manufactures	20.49	38.02	45.06	72.85	78.37
Metals	29.34	57.05	73.23	114.57	73.26
Transport equipment	19.08	80.54	151.45	255.46	173.46
Machinery	47.84	113.25	139.48	208.65	147.76
Miscellaneous commodities	9.63	27.49	39.09	49.87	52.26
Total	222.69	642.85	922.23	1,202.18	1,020.81

* Provisional

Source: Economic Survey 1997

Table K.1.1.7-17 Production and Imports of Wheat

	(unit:1,000 ton)		
	Production	Imports	Total
1992	125.9	100.8	226.7
1993	76.9	314.4	391.3
1994	107.8	353.1	460.9
1995	128.6	364.1	492.7
1996	135.0	486.9	621.9

Source: Economic Survey 1997

Table K.1.1.7-18 Imports of Fertilizer

	(ton)									
	1987	1988	1989	1990	1991	1992	1993	1994	1995	
Nitrogenous	52,681	66,173	50,206	27,100	51,263	49,254	49,787	74,593	35,067	
Phosphatic	4,524	22,041	7,500	4,000	8,000	4,994	12,972	8,879	8,195	
Other fertilizers	168,780	138,064	244,040	129,051	214,086	187,135	232,404	185,053	100,634	
Agri. chemicals	6,294	7,891	6,138	423	4,217	5,062	4,697	6,351		
Total	232,279	234,169	307,884	160,574	277,566	246,445	299,860	274,876	143,896	

Source: Statistical Abstract 1995

K. 1. 8 AGRICULTURE

Table K.1.1.8-1 Land Use

	(unit:1,000ha)							
	National Parks	National Forest	Cultivated	Grazing	Bush & Other Forest	Other	Total	Soil & Landform Constraints
1. High and Medium Potential Lands:								
High	103	205	847	475	465	134	2,229	672
Medium	198	617	1,986	2,317	1,537	389	7,044	3,164
2. Arid and Seme-Arid Lands:								
Arable	950	163	993	4,096	3,075	210	9,487	6,171
Pastoralism	2,359	652	0	0	13,294	0	16,305	13,294
Rest	497	162	0	0	21,661	0	22,320	21,661
3. Perhumid Lands;								
Rainforest	35	121	0	0	68	0	224	68
Total	4,142	1,920	3,826	6,888	40,100	733	57,609	45,030

Source: Development and Employment in Kenya 1991

Table K.1.1.8-2 Livestock Population

	(unit:1,000)	
	1993	1994
Cattle		
Milk cow	3,059	3,401
Beef cattle	9,861	9,561
Total	12,920	12,962
Sheep		
Wool	744	797
Hair	7,074	6,055
Total	7,818	6,852
Goats		
Milk	32	34
Meat	10,041	9,141
Total	10,073	9,175

Source: National Development Plan 1997-2001

Table K.1.1.8-3 Estimated Production of Selected Crops

	Maize	Beans	Root Crops	(unit: million bags)		(1,000 ton)	
				Sorghum	Millet	Coffee	Tea
1979/80	19.50	1.73	-	-	-		
1980/81	17.60	1.34	2.40	-	-		
1981/82	21.86	2.22	4.24	-	-		
1982/83	26.10	3.20	6.10	-	-		
1983/84	24.20	3.00	5.10	-	-		
1984/85	15.80	0.76	2.59	-	-	96.6	147.1
1985/86	27.00	1.97	5.90	-	-	114.9	143.3
1986/87	32.20	3.60	6.11	-	-	104.9	155.8
1987/88	26.84	2.31	2.43	-	-	120.6	164
1988/89	30.68	2.70	2.55	1.18	0.49	113.1	180.6
1989/90	29.23	2.85	2.59	0.99	0.57	111.9	197
1990/91	25.44	2.34	2.13	0.88	0.40	87.1	203.6
1991/92	22.05	2.10	1.95	0.82	0.35	88.4	188.1
1992/93	24.50	2.39	2.26	0.95	0.45	77.8	211.2
1993/94	18.87	1.25	1.99	0.86	0.39	81.5	209.4
1994/95	29.12	2.82	2.51	1.05	0.47	95.8	244.5
1995/96	26.33	2.42	2.90	0.84	0.44		
1996/97	19.45	1.05	1.55	0.84	0.40		

Source: Economic Survey 1997

Table K.1.1.8-4 Coffee Production by Large Farm and Smallholders

	Planted Area (1,000ha)		Production (1,000t)		Average Yield (kg/ha)	
	Smallholders	Large Holders	Smallholders	Large Holders	Smallholders	Large Holders
1984/1985	116.3	35.7	64.7	28.9	556.0	809.0
1985/1986	117.7	38.6	68.4	45.5	581.0	1,179.0
1986/1987	116.1	38.4	67.9	36.4	577.0	942.0
1987/1988	117.7	38.6	84.3	44.4	710.0	1,150.0
1988/1989	116.4	36.7	78.3	38.6	673.0	1,054.0
1989/1990	116.4	36.7	69.5	34.4	595.0	937.0
1990/1991	117.4	38.0	51.3	35.1	569.3	930.0
1991/1992	116.7	37.1	51.0	34.3	440.0	925.1
1992/1993	120.2	38.0	42.4	32.7	352.7	860.5
1993/1994	120.5	38.2	41.3	38.6	342.7	1,012.6
1994/1995	120.5	40.0	62.6	32.8	510.0	852.0
1995/1996	122.7	38.4	56.9	40.1	463.7	1,045.0

Source: Economic Survey 1997

National Development Plan 1997-2001

Table K.1.1.8-5 Production, Area and Average Yield of Coffee by Type of Grower

	1991/92	1992/93	1993/94	1994/95	1995/96
Area (1,000 ha)					
Co-operatives	116.7	120.2	120.5	120.5	122.7
Estates	37.1	38.0	38.2	40.0	38.4
Total	153.8	158.2	158.7	160.5	161.1
Production (1,000 ton)					
Co-operatives	51.0	42.4	41.3	62.6	56.9
Estates	34.3	32.7	38.6	32.8	40.1
Total	85.3	75.1	79.9	95.4	97.0
Average yield (kg/ha)					
Co-operatives	440.0	352.7	342.7	510.0	463.7
Estates	925.1	860.5	1,012.8	852.0	1,045.0

Source: Economic Survey 1997

Table K.1.1.8-6 Tea Production by Large Farms and Smallholders

	Planted Area(1,000ha)		Production(1,000t)		Average Yield(kg/ha)	
	Smallholders	Large Holders	Smallholders	Large Holders	Smallholders	Large Holders
1988	57.7	29.1	84.7	79.3	1,499.0	2,952.0
1989	57.9	29.5	100.6	80.0	1,779.8	2,929.0
1990	67.0	30.0	110.0	87.0	1,945.3	3,123.8
1991	68.8	31.0	112.7	90.9	1,981.7	3,184.4
1992	72.2	31.3	99.8	88.3	1,729.8	3,033.4
1993	73.1	31.8	112.5	98.6	1,942.4	3,339.1
1994	73.8	32.1	119.1	90.3	1,776.3	3,013.4
1995	79.0	32.4	139.0	105.6	1,996.1	3,403.6
1996	81.2	32.5	144.1	113.1	1,775.1	4,092.6

Source: Economic Survey 1995

Table K.1.1.8-7 Production, Area and Average Yield of Tea by Type of Grower

	1992	1993	1994	1995	1996*
Area(1,000 ha)					
Smallholder	72.16	73.11	73.84	78.96	81.16
Estates	31.34	31.75	32.07	32.36	32.52
Total	103.50	104.86	105.91	111.32	113.68
Production(1,000 ton)					
Smallholder	99.81	112.53	119.08	138.95	144.07
Estates	88.26	98.63	90.34	105.58	113.09
Total	188.07	211.16	209.42	244.53	257.16
Average Yield(kg/ha)					
Smallholder	1,729.80	1,942.42	1,776.29	1,996.12	1,775.13
Estates	3,033.40	3,339.10	3,013.39	3,403.61	4,092.56

Source: Economic Survey 1997

Table K.1.1.8-8 Sugarcane Production by Type of Grower

Type of Grower	(unit:1,000 ton)				
	1992	1993	1994	1995	1996*
Factory Estates	638.0	608.4	387.9	467.9	478.0
Large Farms	147.1	195.4	258.1	283.8	289.9
Small-Holders	2,613.8	2,784.1	2,336.5	2,639.2	2,696.2
Co-operative Societies	115.2	90.5	206.9	331.9	339.1
Settlement Schemes	142.5	161.0	118.7	312.1	318.8
Total	3,656.6	3,839.4	3,308.1	4,034.9	4,122.0

Source: Economic Survey 1997

Table K.1.1.8-9 Rural Market Prices for Selected Food Crops

Crop	Province	(KSh/Kg)							
		1993		1994		1995		1996	
		Mar.	Sep.	Mar.	Sep.	Mar.	Sep.	Mar.	Sep.
Maize	Coast	10.20	13.50	19.50	18.32	18.18	23.40	20.45	23.77
	Eastern	8.18	12.33	11.08	12.58	7.35	6.91	8.73	12.21
	Central	7.78	12.16	17.41	13.08	8.84	8.37	8.04	11.90
	Rift Valley	9.00	11.50	14.50	10.12	8.19	7.64	7.70	11.63
	Nyanza	6.90	10.36	14.73	8.92	8.39	6.83	6.49	10.93
	Western	8.18	10.41	13.54	8.55	7.88	6.74	8.31	13.13
Beans	Coast	30.30	28.88	28.13	40.00	25.00	33.93	32.57	37.91
	Eastern	12.58	22.75	23.04	24.02	17.74	16.00	18.02	31.11
	Central	15.44	27.03	33.31	27.04	24.36	25.06	21.45	28.56
	Rift Valley	20.29	23.95	34.98	26.23	28.48	22.92	23.08	24.16
	Nyanza	13.65	21.70	38.77	26.02	31.25	27.89	20.79	28.64
	Western	16.10	22.70	29.16	30.94	28.41	21.97	20.67	18.54
Potatoes	Coast	15.20	18.00	22.40	20.00	24.29	25.62	21.44	22.14
	Eastern	6.75	8.10	12.04	8.78	12.11	11.03	12.86	22.29
	Central	6.00	7.20	12.23	7.34	9.72	12.55	10.03	10.82
	Rift Valley	4.75	8.25	11.03	7.21	10.99	8.53	12.88	12.98
	Nyanza	5.55	10.20	14.86	6.74	11.85	11.41	9.67	10.65
	Western	9.30	9.85	16.74	9.28	20.00	12.60	11.58	12.52
Sorghum	Eastern	9.38	11.55	19.68	11.56	9.37	8.62	7.21	17.10
	Nyanza	6.25	11.15	18.50	10.64	8.14	7.09	8.29	10.02
	Western	7.66	10.75	15.10	10.06	8.10	8.08	8.51	15.51
Millet	Eastern	11.35	14.55	20.89	19.56	11.71	12.42	10.54	18.13
	Rift Valley	11.65	13.25	21.74	17.66	16.43	16.65	19.26	21.74
	Nyanza	9.65	17.05	19.56	19.55	20.23	17.03	20.62	25.54
	Western	10.85	12.25	17.00	20.31	13.85	13.96	18.66	25.02

Source: Economic Survey 1997

Table K.1.1.8-10 Average Gross Commodity Prices to Farmers

	Unit	(Unit:Ksh/unit)				
		1992	1993	1994	1995	1996**
Coffee	100Kg	4,936.60	9,886.00	14,427.80	15,966.00	13,913.60
Tea	"	4,750.00	9,241.45	8,783.40	6,786.80	7,908.00
Sisal	"	980.00	989.00	1,100.00	1,915.00	1,915.00
Sugar-cane	Tonnes	630.00	826.00	1,553.00	1,553.00	1,553.00
Pyrethrum (extract equivalent)	Kg	1,800.00	1,800.00	2,175.00	3,600.00	3,600.00
Seed Cotton	100Kg	990.00	1,323.00	1,913.50	1,720.00	2,136.00
Maize	"	474.70	810.40	950.00	800.00	1,055.00
Wheat	"	560.26	565.00	1,200.00	1,300.00	1,563.00
Beef (third grade)	"	2,600.00	2,710.00	3,000.00	3,300.00	3,400.00
Bacon Pigs	"	3,916.84	5,465.60	5,964.00	6,500.00	6,600.00
Milk	100litres	580.00	780.00	1,250.00	1,450.00	1,250.00

* The price are for calendar year & differ from those based on crop years. In the case of tea and coffee, the prices are for made tea and processed coffee respectively.

** Provisional.

Source: Economic Survey 1997

Table K.1.1.8-11 Production for Sale of the Principal Crops

	(unit:1,000 ton)									
	1987	1988	1989	1990	1991	1992	1993	1994		
Wheat	148.30	220.20	233.20	78.50	199.00	175.80	73.00	105.20		
Maize	651.90	485.30	625.90	509.30	303.50	515.20	241.80	316.00		
Paddy	30.10	31.70	31.50	-	-	18.40	11.40	13.50		
Pyrethrum Extract	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20		
Sugarcane	3,698.00	3,835.20	4,261.20	4,200.00	4,047.90	3,656.60	3,839.40	3,308.20		
Seed Cotton	23.80	10.90	13.80	18.80	8.40	15.10	2.50	1.80		
Clean Coffee	104.30	128.70	116.90	103.90	86.40	85.30	77.90	81.50		
Sisal	37.00	36.90	37.40	39.30	38.80	34.10	34.20	34.00		
Tea	155.80	164.00	180.60	197.00	203.60	188.10	215.00	209.40		

Source: Statistical Abstract 1995

Table K.1.1.8-12 Average Prices to Producers of the Principal Crops

	(unit:Ksh/100kg)									
	1987	1988	1989	1990	1991	1992	1993	1994		
Wheat	295	341	343	450	500	386	565	1,200		
Maize	209	214	223	265	287	240	810	950		
Paddy	372	388	388	-	-	160	117	-		
Pyrethrum Extract	121,000	125,000	167,500	180,000	180,000	154,700	180,000	217,500		
Sugarcane	30	36	37	45	52	40	83	155		
Seed Cotton	482	586	571	981	998	527	1,323	1,914		
Clean Coffee	3,662	4,465	4,312	3,636	4,654	4,146	9,886	14,428		
Sisal	705	745	892	918	944	944	989	1,100		
Tea	2,500	2,037	2,717	3,521	3,848	2,925	9,242	8,748		

Source: Statistical Abstract 1995

Table K.1.1.8-13 Dairy Production (1986-1994)

	Milk Production (1,000 lit.)	Whole Milk & Cream (1,000 lit.)	Butter & Ghee (ton)	Cheese (ton)	Evaporated Milk (ton)	Whole Milk Powder (ton)	Skim Milk Powder (ton)	Other Products (ton)
1986	316.2	291.6	4,215.0	208.0	-	3,057.0	2,733.0	329.0
1987	347.3	301.8	4,745.0	207.0	-	2,346.0	2,040.0	319.0
1988	358.9	345.6	4,187.0	247.0	-	1,717.0	2,387.0	451.0
1989	351.2	372.7	4,195.0	215.0	-	1,030.0	3,200.0	610.0
1990	392.3	339.7	4,550.0	173.0	-	1,396.0	2,992.0	399.0
1991	359.0	321.0	3,479.0	250.0	-	975.0	3,035.0	387.0
1992	361.7	336.2	4,231.0	218.0	-	1,493.0	2,731.0	433.0
1993	364.6	343.0	4,128.0	221.0	-	1,322.0	2,869.0	456.0
1994	258.0	204.0	2,409.0	126.0	-	2,237.0	2,121.0	218.0
1995	350.0	175.0	3,131.0	141.0	-	2,480.0	3,101.0	208.0
1996	257.0	165.0	2,327.0	193.0	-	973.0	2,349.0	349.0

Source: Statistical Abstract 1995

Table K.1.1.8-14 Livestock Slaughtered

	(1,000 head)		
	Cattle/Calves	Sheep & Goats	Pigs
1992	921	1,278	81
1993	980	1,280	88
1994	991	1,310	91
1995	1,067	1,327	91
1996	1,219	1,407	98

Source: Statistical Abstract 1996

Table K.1.1.8-15 Number of Holdings of Large Farms by Farm Size

Farm Size (ha)	(unit: Number)								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
0-19	1,022	1,023	1,023	1,027	1,031	1,036	1,041	1,042	1,046
20-49	1,063	1,062	1,063	1,065	1,063	1,064	1,063	1,069	1,071
50-99	433	433	433	430	435	433	433	434	435
100-199	382	382	382	382	382	382	382	385	383
200-299	303	303	312	300	305	306	304	304	304
300-399	210	212	212	212	210	211	211	211	211
400-499	156	156	156	156	156	156	156	156	156
500-999	358	358	358	359	363	360	361	360	359
1,000-1,999	161	161	161	160	152	158	157	155	155
2,000-3,999	85	86	84	-	-	-	-	-	-
4,000-19,999	87	86	87	-	-	-	-	-	-
20,000 and above	11	87	87	-	-	-	-	-	-
Total	4,271	4,349	4,358	4,091	4,097	4,106	4,108	4,116	4,120

Source: Statistical Abstract 1995

Table K.1.1.8-16 Land Use of Large Farms

	(unit: 1,000 ha)								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Temporary Crops	36.5	80	91	90	87	90	89	89	89
Temporary Meadows	17.1	41	41	45	42	43	43	43	43
Temporary Fallow	-	-	-	-	-	-	-	-	-
Permanent Crops	167.4	196	200	198	198	199	198	199	198
Uncultivated Meadow & Pasture	723.9	1,319	1,311	1,310	95	905	770	678	792
Forest Land	87.5	98	98	99	651	670	695	443	512
Other Land	866.3	652	649	651	1,173	1,193	1,201	973	1,038
Total	1986.2	2,485	2,480	2,488	2,345	3,194	3,093	2,520	2,768

Source: Statistical Abstract 1995

Table K.1.1.8-17 Planted Areas with Major Crops in Large Farms

	(unit: 1,000 ha)								
	1985	1986	1987	1988	1989	1990	1991	1992	1993
Sisal	54	91.5	54.1	54.1	54.1	54.1	54.1	48.5	45.8
Tea	27.4	28.9	18.3	29.0	23.7	23.6	25.4	23.6	23.2
Sugarcane	27.3	34.8	18.3	26.5	26.5	23.7	25.5	23.3	22.6
Coffee	40	44.0	43.7	43.8	44.3	43.9	44.0	43.7	43.9
Wattle	25.6	20.7	30.4	25.5	27.9	27.9	27.1	19.3	18.7
Pyrethrum	4.7	0.5	0.2	0.3	0.3	0.2	0.2	0.2	0.2
Wheat	66.2	93.2	94.6	93.9	94.3	94.2	94.1	94.1	94.0
Maize	69	61.1	68.8	64.9	66.9	66.8	66.2	66.1	66.0

Source: Statistical Abstract 1995

Table K.1.1.8-18 Sale to Marketing Boards from Large and Small Farms

Year	Large farms		Small Farms		Total		Share of Small Farmers (%)
	Annual	Annual	Annual	Annual	Annual	Annual	
	K&Million	Percentage Change	K&Million	Percentage Change	K&Million	Percentage Change	
1986	515.53	48.80	422.79	3.3	938.32	24.10	45.80
1987	432.07	-16.20	385.63	-8.8	817.70	-12.90	47.16
1988	500.41	15.80	445.33	15.5	945.74	15.70	47.09
1989	508.32	1.58	494.88	11.13	1,003.20	6.07	49.33
1990	497.56	-2.12	617.30	24.73	1,114.85	11.13	55.37
1991	669.70	40.90	541.90	-12.21	1,211.70	7.70	44.72
1992	496.21	1.36	821.63	12.45	1,317.83	8.00	62.34
1993	774.54	56.10	1,386.57	68.11	2,161.11	64.00	64.16
1994	883.93	14.12	1,727.37	24.53	2,611.30	20.83	66.15
1995	954.98	8.04	2,067.12	19.67	3,022.10	15.73	68.40
1996*	993.13	3.99	2,189.97	5.94	3,183.10	7.20	68.80

* Provisional.

Source: Economic Survey 1997

Table K.1.1.8-19 Share of Crop Production, Sale and Consumption by Holding Size

Farm Size	Maize			Beans			Wheat		
	Production	Sale	Consumption	Production	Sale	Consumption	Production	Sale	Consumption
Landless	2.74	2.58	3.34	2.97	0.79	3.94	0.00	0.00	0.00
0.01~0.59	11.42	5.57	10.19	15.96	9.22	18.50	0.36	0.32	3.26
0.6~0.99	21.62	16.01	23.16	23.18	27.36	21.64	0.13	0.07	5.30
1.0~1.99	18.02	14.89	23.25	26.99	25.94	27.28	0.58	0.25	27.55
2.0~2.99	15.51	17.28	12.71	13.33	15.42	12.60	0.64	0.36	23.71
3.0~3.99	9.12	11.16	10.03	4.36	3.06	4.96	1.20	0.97	15.51
4.0~4.99	2.61	2.64	3.22	4.67	5.30	4.42	95.09	96.18	11.32
5.0~7.99	6.12	7.69	6.28	2.40	3.71	1.90	0.07	0.06	1.14
8.0 and above	12.84	22.18	7.82	6.14	9.20	4.76	1.93	1.79	12.21
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source: Welfare Monitoring Survey II 1996

Farm Size	Millet			Rice			Sorghum		
	Production	Sale	Consumption	Production	Sale	Consumption	Production	Sale	Consumption
Landless	0.94	0.31	1.31	1.92	1.21	4.90	0.42	8.87	0.98
0.01~0.59	6.43	1.76	9.05	2.74	0.96	4.46	2.13	16.70	5.29
0.6~0.99	18.57	20.71	17.68	0.87	0.87	1.12	4.37	13.84	13.21
1.0~1.99	31.51	33.39	29.04	65.18	69.74	51.92	6.90	20.29	21.02
2.0~2.99	16.43	15.25	18.01	28.01	26.75	33.15	81.06	14.33	45.47
3.0~3.99	2.29	1.69	2.64	0.75	0.47	1.93	2.85	19.37	7.32
4.0~4.99	8.07	8.43	7.97	0.53	0.00	2.52	1.03	2.65	3.08
5.0~7.99	4.41	3.27	5.13	0.00	0.00	0.00	0.28	1.66	0.72
8.0 and above	11.35	15.19	9.17	0.00	0.00	0.00	0.96	2.29	2.91
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Farm Size	Others			Coffee			Tea		
	Production	Sale	Consumption	Production	Sale	Consumption	Production	Sale	Consumption
Landless	3.58	2.90	4.51	2.34	2.31	0.00	2.78	2.78	0.00
0.01~0.59	0.28	0.00	0.67	17.97	18.09	0.00	8.09	8.14	0.00
0.6~0.99	0.95	0.00	1.70	17.93	17.18	0.00	23.84	23.81	0.00
1.0~1.99	75.72	66.63	88.32	29.75	29.39	0.00	32.90	32.84	0.00
2.0~2.99	5.63	9.39	0.67	15.59	16.25	0.00	12.07	12.11	0.00
3.0~3.99	7.00	12.25	0.03	9.95	9.82	0.00	1.79	1.79	0.00
4.0~4.99	5.73	7.07	3.85	5.49	5.42	0.00	3.43	3.43	0.00
5.0~7.99	0.79	1.27	0.15	0.51	1.07	0.00	5.42	5.42	0.00
8.0 and above	0.32	0.49	0.10	0.47	0.47	0.00	9.68	9.68	0.00
Total	100.00	100.00	100.00	100.00	100.00	0.00	100.00	100.00	0.00

Farm Size	Sugarcane			Pyrethrum			Other Cash Crops		
	Production	Sale	Consumption	Production	Sale	Consumption	Production	Sale	Consumption
Landless	0.0	0.00	0.00	0.37	0.48	0.68	0.02	0.02	0.00
0.01~0.59	0.52	0.53	1.08	8.94	11.76	2.08	80.49	77.59	98.42
0.6~0.99	1.08	0.94	40.19	17.36	24.38	12.14	2.90	3.31	0.36
1.0~1.99	9.78	10.27	20.98	15.33	18.94	61.55	3.31	3.84	0.13
2.0~2.99	51.44	49.79	16.70	42.58	24.45	1.91	5.25	6.05	0.39
3.0~3.99	17.99	18.65	5.49	2.15	2.83	0.00	0.48	0.56	0.00
4.0~4.99	1.23	1.26	2.81	1.95	2.29	11.63	2.74	3.00	0.70
5.0~7.99	0.58	0.57	5.12	2.52	3.14	9.08	3.67	4.27	0.00
8.0 and above	17.38	18.00	7.63	8.80	11.73	0.93	1.14	1.36	0.00
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Farm Size	Vegetables			Root Crops			Fruits		
	Production	Sale	Consumption	Production	Sale	Consumption	Production	Sale	Consumption
Landless	12.46	64.80	8.81	2.55	0.89	3.62	1.30	0.65	2.38
0.01~0.59	48.68	6.95	12.67	25.18	27.55	22.12	15.11	8.40	25.51
0.6~0.99	10.70	7.11	31.28	12.13	8.42	21.30	13.21	9.80	18.35
1.0~1.99	17.71	14.11	20.34	19.70	15.75	19.67	27.29	29.23	25.70
2.0~2.99	6.94	4.69	16.75	18.34	23.31	13.90	7.07	6.21	8.85
3.0~3.99	0.98	0.73	1.82	13.21	15.66	10.57	4.67	5.06	2.80
4.0~4.99	1.07	0.73	2.83	2.99	2.74	3.09	6.67	4.54	10.12
5.0~7.99	0.37	0.15	2.35	1.67	1.67	1.63	0.58	0.38	0.90
8.0 and above	1.09	0.73	3.15	4.23	4.01	4.10	24.10	35.73	5.59
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Farm Size	Other Food Crops			Miraa		
	Production	Sale	Consumption	Production	Sale	Consumption
Landless	0.07	0.06	0.10	0.45	2.41	0.00
0.01~0.59	0.72	0.72	0.64	3.99	21.29	0.05
0.6~0.99	4.95	4.86	5.54	82.26	29.94	94.12
1.0~1.99	15.02	11.44	24.99	6.07	30.84	0.44
2.0~2.99	30.64	65.48	22.46	7.23	15.52	5.39
3.0~3.99	14.30	13.89	9.96	0.00	0.00	0.00
4.0~4.99	16.59	19.35	10.60	0.00	0.00	0.00
5.0~7.99	7.43	2.88	19.89	0.00	0.00	0.00
8.0 and above	10.28	12.28	5.82	0.00	0.00	0.00
Total	100.00	34.52	100.00	100.00	100.00	100.00

Table K.1.1.8-20 Agricultural Input Indices

	(1982=100)				
	1992	1993	1994	1995	1996
Quantum Indices					
Fertilizers	93.9	88.4	94.4	128.0	115.2
Fuel and power	109.9	112.9	116.8	121.8	129.1
Bags	99.7	101.7	101.3	104.5	110.9
Manufactured feeds	265.2	266.9	271.7	342.0	273.6
Purchased seeds	115.7	110.2	120.4	131.3	128.2
Other material inputs	96.9	96.3	99.9	101.6	100.3
Total material input	124.5	123.9	125.3	128.4	127.2
Service Inputs	110.6	108.9	112.1	113.2	120.8
Total Inputs	122.8	122.1	124.0	127.8	125.8
Price Indices					
Fertilizers	233.6	310.1	227.2	218.6	232.8
Fuel and power	303.6	459.2	576.4	641.7	730.6
Bags	197.9	241.8	294.9	283.6	301.6
Manufactured feeds	254.5	328.3	578.3	540.6	621.7
Purchased seeds	336.6	576.9	848.5	830.6	937.4
Other material inputs	201.1	257.4	313.9	350.0	378.9
Total material input	244.5	349.8	460.4	435.5	489.9
Service inputs	164.9	185.0	207.7	220.1	230.4
Total inputs	235.1	328.4	427.5	413.0	465.2

Source: Economic Survey 1997

Table K.1.1.8-21 Chemical, Medical and Feed Inputs

	(unit: 1,000 K. pound)						
	1988	1989	1990	1991	1992	1993	1994
Fertilizers	53,510	6,928	48,467	51,403	38,480	49,570	52,160
Agricultural Chemicals							
Insecticides	3,095	1,593	2,542	2,750	2,872	2,570	2,872
Fungicides	5,300	11,041	4,607	5,183	6,505	6,527	7,293
Herbicides	3,457	1,243	3,459	4,706	3,402	3,253	3,635
Plant Hormons	231	26	256	261	164	188	210
Sub-Total	12,083	13,903	10,864	12,900	12,943	12,538	14,010
Livestock Grugs and Medicines							
Dips. spray fluid	9,505	4,549	9,369	10,440	8,457	8,464	12,347
Vaccines	960	148	866	1,060	1,059	819	1,195
Other drugs	5,693	3,049	8,539	8,940	6,201	6,484	9,458
Sub-Total	16,158	7,746	18,774	20,440	15,717	15,767	23,000
Manufactured Animal Feeds							
Pig feed	1,888	1,026	1,739	2,139	1,702	1,699	2,535
Poultry feed	11,237	17,218	19,396	21,009	15,998	16,972	25,328
Cattle feed	5,068	3,711	4,934	5,535	4,871	4,824	7,199
Other feed	2,944	1,431	2,378	3,387	2,618	2,672	3,988
Sub-Total	21,137	23,386	28,447	32,070	25,189	26,167	39,050
Grand total	102,888	51,963	106,552	116,813	92,329	104,042	128,220

Source: Statistical Abstract 1995

Table K.1.1.8-22 Food Requirement

	Production in 1992(1,000 ton)	Demand in 1996(1,000 ton)	Required Annual Growth(%)	Annual Growth 1989-1993(%)
Maize	2,398	3,232	8	4
Millet/sorghum	199	429	21	3
Wheat	297	347	4	2
Rice	62	99	12	8
Beans	443	80	NA	5
Potatoes	631	650	1	5
Sugar	372	660	15	5
Beef	228	210	NA	1
Milk(million liter:	1,826	2,451	7	2

Source.National development Plan 1994-1996

Table K.1.1.8-23 Per Capita Food Consumption Estimation (1996)

	kg/capita/Year		Country Total (1,000ton)
	Urban	Rural	
Maize	97.1	125.6	3,232
Millet/Sorghum	0	19.8	429
Wheat	24.7	10.0	347
Rice	13.1	1.4	99
Root Crops	14.8	26.4	650
Beans	13.8	14.2	80
Sugar	20.6	10.4	660
Milk	88.6	72.1	2,451
Beef	11.9	6.8	210
Oils	6.5	1.7	71
Vegetables	36.9	20.4	636
Fish	1.9	1.7	47

Source.National Development Plan, 1994-1996

Table K.1.1.8-24 Food Consumption of the Selected Countries

	(unit:kg/year/capita)					
	Cereals	Starchy Roots	Vegetables	Fruits	Meat	Fish
Kenya	115.7	55.6	21.5	27.2	13.9	5.5
Finch	111.5	72.5	118.2	87.4	98.9	28.4
Germany	94.0	77.5	88.8	122.0	85.8	12.3
Italy	154.1	43.9	162.7	145.7	86.2	21.6
Japan	146.1	36.1	106.5	58.7	39.7	66.7
Netherlands	77.1	88.6	69.2	155.4	87.6	11.2
South Africa	181.1	25.8	42.1	32.7	36.0	4.3
Spain	102.7	104.2	143.6	137.3	97.4	38.4
Switzerland	99.2	45.2	88.5	125.1	76.2	13.2
United Kingdom	92.9	106.7	91.3	80.4	67.4	18.6
USA	115.0	62.5	106.4	150.4	117.8	22.0

Source.FAO

Table K.1.1.8-25 Nutrient Intake (for adult man)

	Sedentary Work		Moderate Work		(unit: gram/day/capita)	
	Non-		Non-		Heavy Work Work	
	Vegetarian	Vegetarian	Vegetarian	Vegetarian	Vegetarian	Vegetarian
Cereals	450	450	525	525	690	690
Pulses	70	55	80	65	80	65
Green Leafy Vegetables	100	100	125	125	125	125
Other Vegetables	75	75	75	75	100	100
Root and Tubers	75	75	100	100	100	100
Fruits	30	30	30	30	30	30
Milk	200	100	200	100	200	100
Fata na dOils	35	40	40	40	50	50
Meat and Fish	-	30	-	30	-	30
Eggs	-	30	9	30	-	30
Sugar and Jaggery	30	30	40	40	55	55
Groundnuts	-	-	-	-	50	50

Table K.1.1.8-26 Nutrient Intake (for adult woman)

	Sedentary Work		Moderate Work		(unit: gram/day/capita)	
	Non-		Non-		Heavy Work Work	
	Vegetarian	Vegetarian	Vegetarian	Vegetarian	Vegetarian	Vegetarian
Cereals	325	325	250	300	325	325
Pulses	70	55	80	65	80	65
Green Leafy Vegetables	125	125	125	125	125	125
Other Vegetables	75	75	75	75	100	100
Root and Tubers	75	75	100	100	150	150
Fruits	30	30	30	30	30	30
Milk	200	100	200	100	200	100
Fata na dOils	35	40	40	45	45	50
Meat and Fish	30	30	30	30	40	40
Eggs	-	30	-	30	-	30
Sugar and Jaggery	-	30	-	-	-	30
Groundnuts	-	-	-	-	40	40

Source: National Food Composition Tables and the Planning of Satisfactory Diets in Kenya

Table K.1.1.8-27 Number of Cooperative Societies by Type

	1989	1990	1991	1992	1993	(unit: number)		1996
						1994	1995	
Agricultural								
Coffee	206	207	208	209	213	213	215	222
Cotton	81	81	81	81	82	82	78	79
Pyrethrum	56	56	56	56	56	56	57	62
Sugarcane	89	91	91	91	91	91	90	95
Dairy	190	192	194	197	207	210	267	291
Multi-produce	905	942	971	1028	1111	1128	1131	1236
Farm purchase	198	198	212	212	221	221	429	456
Fisheries	61	62	64	66	67	69	69	71
Others	500	522	539	556	599	616	744	758
Sub-Total	2,286	2,351	2,416	2,496	2,647	2,686	3,080	3,270
Non-Agricultural								
Saving and credit	2,141	2,251	2,339	2,470	2,616	2,670	2810	3031
Consumers	138	143	147	156	158	160		
Housing	207	227	227	227	252	279		
Timber and charcoal	16	16	16	16	16	16		
Craftmen	48	50	50	50	53	53		
Transport	19	20	20	24	26	27		
Others	258	266	303	308	313	323	896	1116
Sub-Total	2,827	2,973	3,102	3,251	3,434	3,528	3,706	4,147
Union	60	66	66	66	67	69	81	83
Country-wide cooperatives	10	10	10	10	10	10		
Grand Total	5,183	5,400	5,594	5,823	6,158	6,293	6,867	7,500

Source: Statistical Abstract 1995

Table K.1.1.8-28 Number of Memberships of Cooperative Societies

	1989	1990	1991	1992	1993	(unit: 1,000)	
						1994	1995
Agricultural							
Coffee	592	636	728	606	592	605	
Cotton	142	168	169	131	62	45	
Pyrethrum	100	86	88	66	43	43	
Sugarcane	11	51	43	33	14	16	
Dairy	123	121	121	147	206	223	
Multi-produce	195	74	80	171	112	143	
Farm purchase	56	55	56	64	39	41	
Fisheries	17	10	10	16	10	11	
Others	249	289	214	216	216	217	
Sub-Total	1,485	1,490	1,509	1,450	1,294	1,344	
Non-Agricultural							
Saving and credit	821	992	1,027	1,126	1,308	1,890	
Consumers	18	22	21	21	22	25	
Housing	75	42	47	32	53	61	
Timber and charcoal	10	17	17	24	4	3	
Craftmen	27	5	8	8	3	4	
Transport	6	8	6	4	4	4	
Others	0	17	17	17	16	17	
Sub-Total	957	1,103	1,143	1,232	1,410	2,004	
Grand Total	2,442	2,593	2,652	2,682	2,704	3,348	

Source: Statistical Abstract 1995

Table K.1.1.8-29 Value Sold Through Cooperative Societies

	(unit: million K. pound)					Total
	Coffee	Sugarcane	Pyrethrum	Cotton	Dairy Prod.	
1982	75.4	5.9	12.2	4.2	22.5	120.2
1983	93.3	22.5	3.0	4.6	31.9	155.2
1984	136.6	25.9	0.9	4.8	18.7	186.9
1985	134.5	22.4	1.2	8.7	27.4	194.2
1986	163.9	33.2	1.8	6.0	42.6	247.5
1987	123.0	34.6	2.7	5.8	46.0	212.1
1988	178.0	44.0	3.2	3.2	49.1	277.5
1989	162.8	52.2	6.4	3.9	57.0	282.3
1990	131.0	44.5	8.2	8.9	48.7	241.3
1991	112.7	11.3	7.0	2.8	21.8	155.6
1992	119.5	7.5	9.5	1.3	46.7	184.5
1993	266.6	15.0	13.8	2.8	40.4	338.5
1994	399.2	9.5	18.6	1.2	35.4	464.5
1995	412.9	21.9	19.7	0.6	36.9	491.0
1996	346.7	14.8	6.0	0.2	139.1	506.7

Source: Economic Survey 1997

Table K.1.1.8-30 Ratio Sold Through Cooperative Societies

	(unit: %)					Total
	Coffee	Sugarcane	Pyrethrum	Cotton	Dairy Prod.	
1982	61	20	83	79	93	62
1983	56	65	60	95	97	63
1984	60	63	46	95	72	75
1985	70	48	41	95	76	68
1986	57	63	40	100	78	60
1987	60	64	46	100	81	65
1988	64	64	48	100	81	67
1989	67	67	64	100	86	71
1990	64	46	65	90	58	60
1991	62	11	66	88	33	59
1992	55	7	50	89	73	14
1993	69	9	60	85	42	16
1994	66	4	67	75	21	21
1995	54	6	90	35	14	17
1996	48	4	36	47	72	16

Source: Economic Survey 1997

Table K.1.1.8-31 Horticultural Exports
(Cut Flowers, Vegetables and Fruits)

	FOB	
	Volume(ton)	Value(1,000 Ksh)
1970	3,224	6,842
1971	5,123	10,872
1972	7,856	18,672
1973	10,158	29,571
1974	11,335	33,850
1975	13,115	83,274
1976	17,963	102,341
1977	18,844	128,716
1978	21,007	159,757
1979	21,376	194,737
1980	22,266	227,060
1981	23,352	251,601
1982	24,596	272,678
1983	28,850	350,573
1984	31,298	415,860
1985	30,001	469,272
1986	36,211	630,367
1987	36,557	900,087
1988	59,119	1,327,930
1989	49,503	1,440,047
1990	49,147	1,678,576
1991	49,848	2,011,235
1992	57,363	2,516,501
1993	62,128	4,672,715
1994	65,175	4,971,811
1995	71,758	6,582,520
1996	84,823	7,701,948
1997	84,190	8,733,647

Source.HCDA

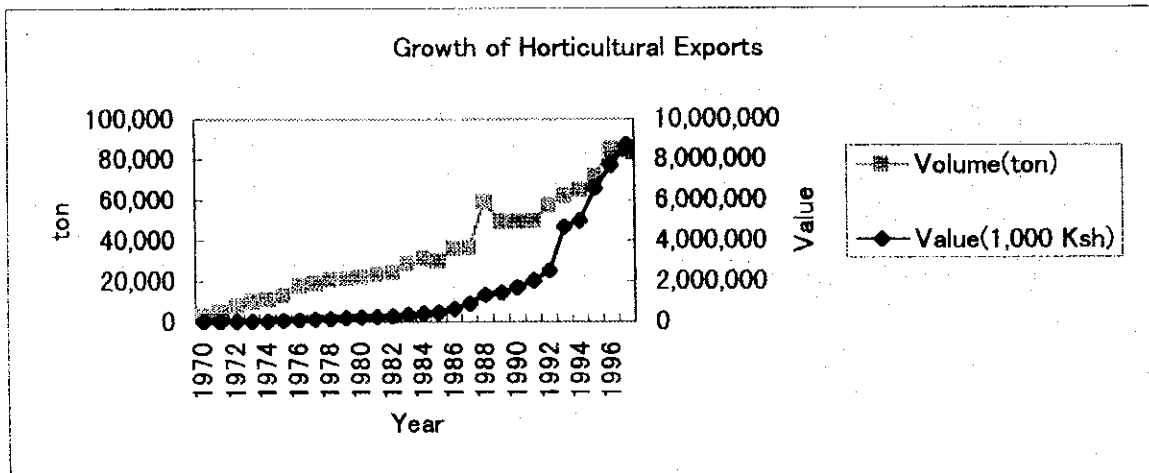
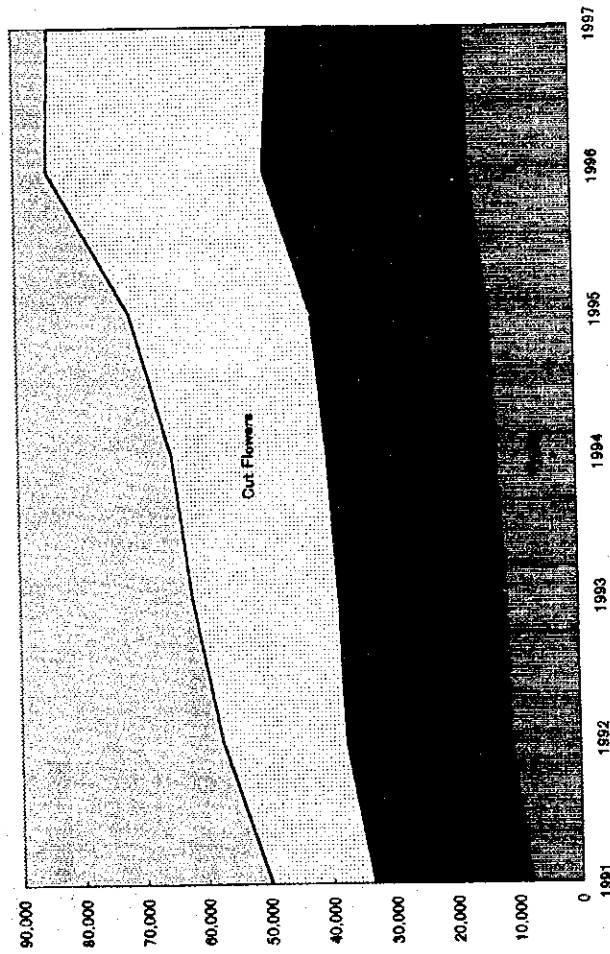


Table K.1.1.8-32 Exports of Horticultural Crops

	1991	1992	1993	1994	1995	1996	1997	Total	Share(%)
Quantity (ton)	8,367	11,233	11,697	13,079	13,866	16,869	17,454	92,566	19.5
Value (1,000Ksh)	201,875	358,981	488,385	536,629	523,334	769,505	805,464	3,684,173	9.9
Quantity (ton)	25,076	26,324	26,786	26,978	28,518	32,742	30,882	197,305	41.5
Value (1,000Ksh)	775,845	909,708	1,701,532	1,797,463	2,385,424	2,586,125	3,028,144	13,164,241	35.4
Quantity (ton)	16,405	19,807	23,646	25,121	29,374	35,212	35,853	185,418	39.0
Value (1,000Ksh)	1,033,515	1,247,812	2,482,798	2,637,718	3,673,762	4,366,318	4,900,038	20,341,961	54.7
Quantity (ton)	49,848	57,363	62,129	65,178	71,758	84,824	84,189	475,289	100.0
Value (1,000Ksh)	2,011,235	2,516,501	4,672,715	4,971,810	6,582,520	7,701,948	8,733,646	37,190,375	100.0

Source: HCDA

Share by Exporting Horticultural Crops in Quantity



Share by Exporting Horticultural Crops in Value

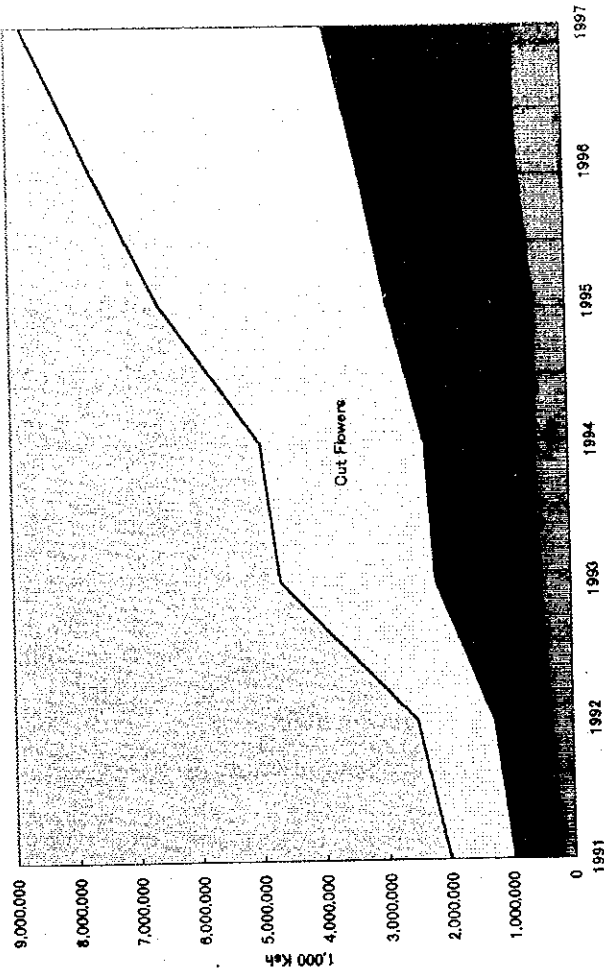
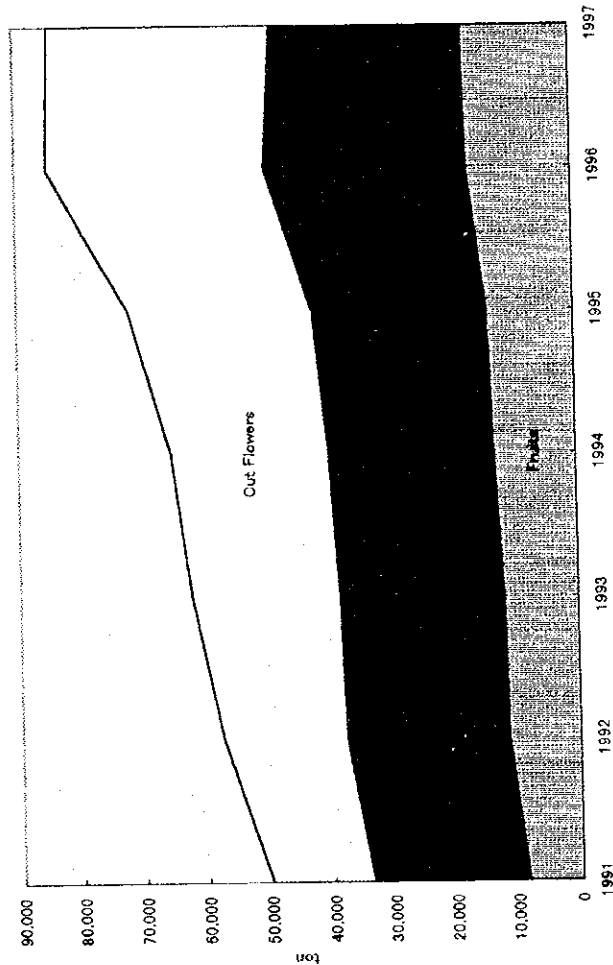


Table K.1.1.8-32 Exports of Horticultural Crops

	1991	1992	1993	1994	1995	1996	1997	Total	Share(%)
Fruits									
Quantity(ton)	8,367	11,233	11,697	13,079	13,866	16,869	17,454	92,566	19.5
Value (1,000Ksh)	201,875	358,981	488,385	536,629	523,334	769,505	805,464	3,684,173	9.5
Vegetables									
Quantity(ton)	25,076	26,324	26,786	26,978	28,518	32,742	30,882	197,305	41.5
Value (1,000Ksh)	775,845	909,708	1,701,532	1,797,463	2,385,424	2,566,125	3,028,144	13,164,241	35.4
Cut Flowers									
Quantity(ton)	16,405	19,807	23,646	25,121	29,374	35,212	35,853	185,418	39.0
Value (1,000Ksh)	1,033,515	1,247,812	2,482,798	2,637,718	3,673,762	4,366,318	4,900,038	20,341,961	54.7
Total									
Quantity(ton)	49,848	57,363	62,129	65,178	71,758	84,824	84,189	475,289	100.0
Value (1,000Ksh)	2,011,235	2,516,501	4,672,715	4,971,810	6,582,520	7,701,948	8,733,646	37,190,375	100.0

Source: HCDA

Share by Exporting Horticultural Crops in Quantity



Share by Exporting Horticultural Crops in Value

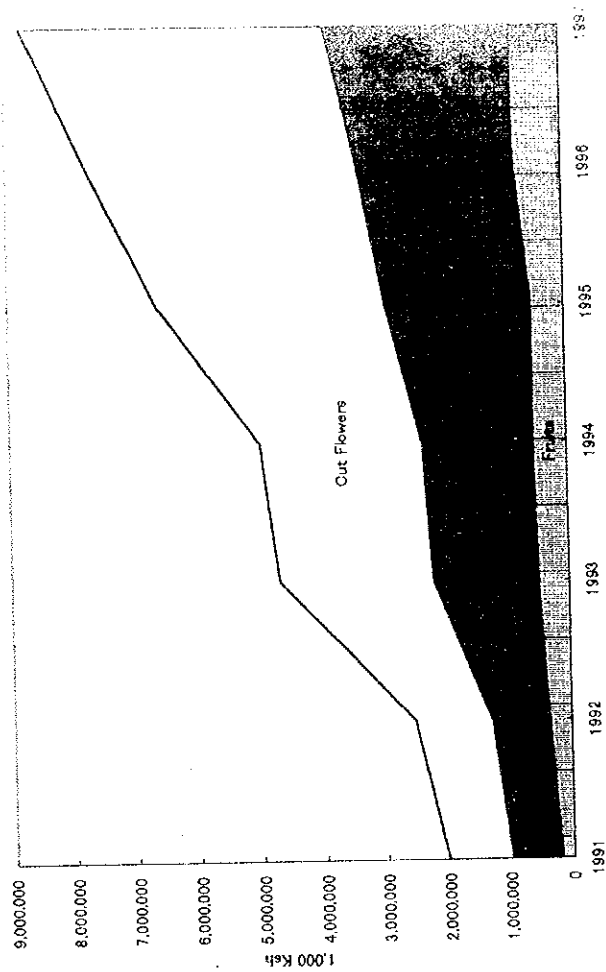


Table K.1.1.8-33 Main Export Outlets for Fresh Horticultural Crops by Country

	(unit: ton)				
	1993	1994	1995	1996	1997
UK	17,935	19,581	21,191	22,592	17,222
(%)	28.9	30.0	28.0	26.6	30.7
Holland	17,623	18,803	25,580	28,025	20,969
(%)	28.4	28.8	33.8	33.0	37.4
France	10,352	10,490	12,034	10,371	7,179
(%)	16.7	16.1	15.9	12.2	12.8
Germany	6,467	6,630	6,334	6,292	3,791
(%)	10.4	10.2	8.4	7.4	6.8
Saudi Arabia	644	444	461	831	549
(%)	1.0	0.7	0.6	1.0	1.0
Others	9,117	9,229	10,046	16,712	6,357
(%)	14.7	14.2	13.3	19.7	11.3
Total	62,138	65,177	75,646	84,823	56,068
	100.0	100.0	100.0	100.0	100.0

Note. for 1997, up to August

Source. HCDA

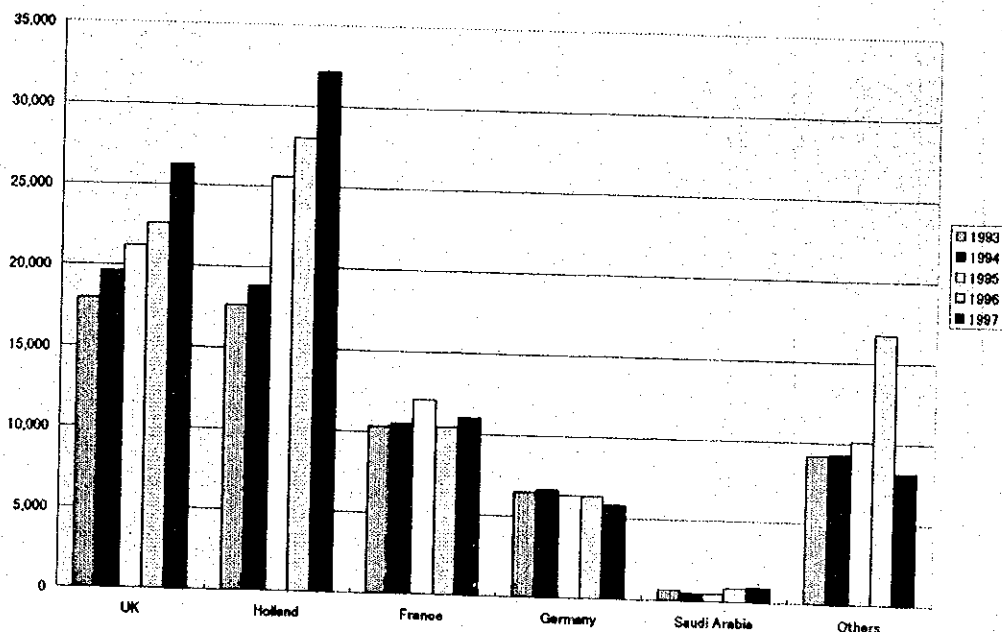
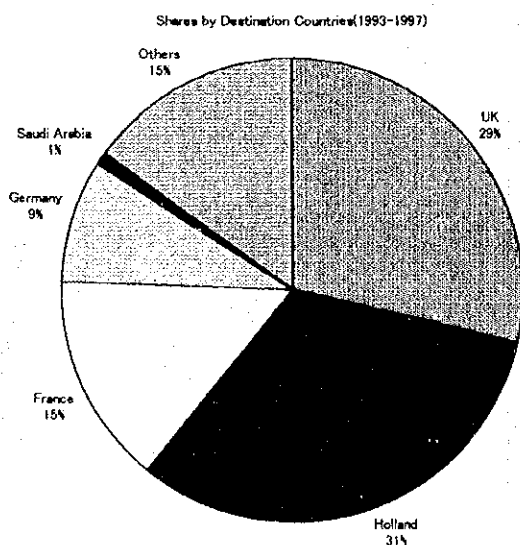
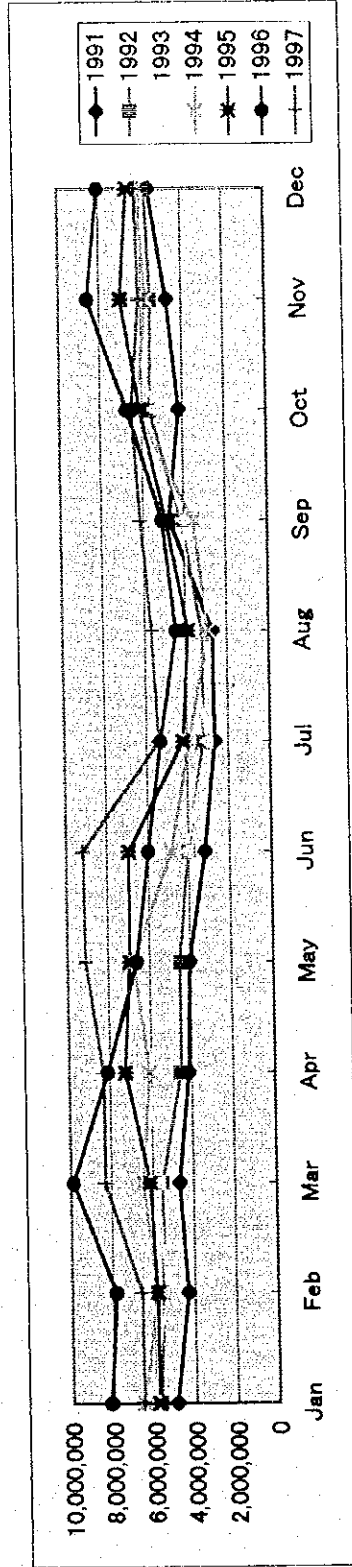


Table K.1.1.8-34 Seasonal Fluctuation of Horticultural Exports
(Cut flowers, fruits and vegetables)

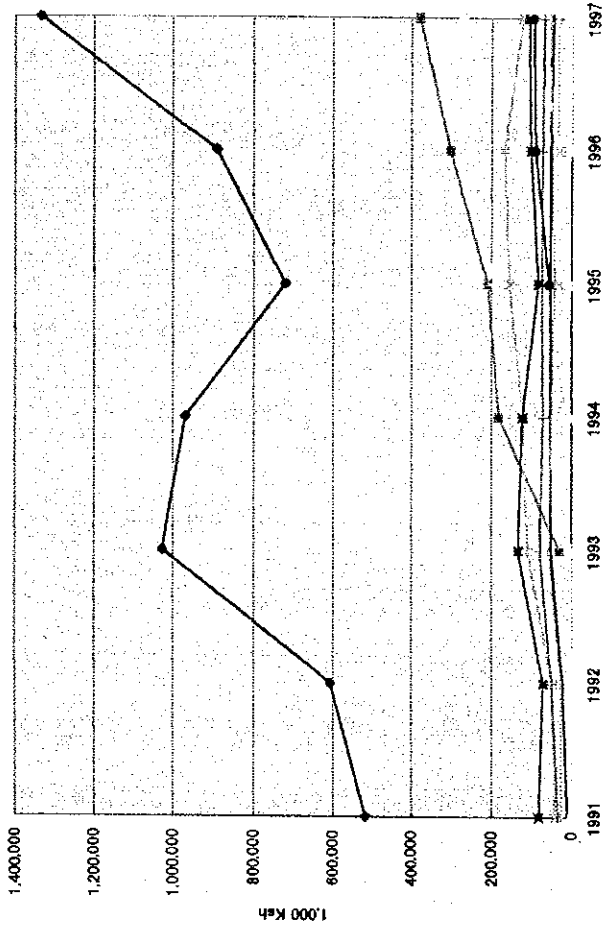
(unit:kg)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1991	4,941,472	4,319,192	4,693,463	4,136,983	4,012,591	3,176,127	2,644,392	2,679,298	4,707,234	4,194,129	4,749,478	5,593,684	49,848,043
1992	5,736,899	5,533,341	5,536,089	4,536,967	4,523,346	4,014,224	3,183,623	3,202,815	4,155,429	5,628,784	5,537,584	5,774,012	57,363,113
1993	6,092,374	5,414,641	5,737,628	6,128,645	5,207,946	4,105,850	3,036,099	3,662,608	4,067,155	5,431,909	6,735,392	6,508,563	62,128,810
1994	5,540,216	5,841,489	6,498,390	6,102,064	6,786,603	4,861,048	3,895,134	2,879,409	3,558,316	6,247,373	5,788,458	6,179,383	65,177,883
1995	5,838,172	5,843,958	6,160,069	7,263,478	6,999,139	6,954,787	4,187,655	3,873,461	4,898,712	6,111,919	6,990,033	6,636,771	71,758,154
1996	8,122,798	7,819,418	9,885,841	8,107,174	6,636,789	6,004,545	5,311,441	4,478,503	5,094,526	6,730,670	8,594,882	8,037,056	84,823,643
1997	6,560,377	6,614,180	8,297,184	8,326,952	9,106,844	9,182,738	5,393,806	5,689,753	6,140,237	6,515,292	6,115,184	6,247,498	84,190,045
Total	43,832,308	41,386,219	46,808,664	44,602,263	43,273,258	38,299,319	27,652,150	26,465,847	32,621,609	40,860,076	44,511,011	44,976,967	475,289,991
(%)	9.22	8.71	9.85	9.38	9.10	8.06	5.82	5.57	6.86	8.60	9.37	9.46	100.00

Source:HCDA



Annual Exports of Vegetables



Annual Exports of Vegetables (kg)

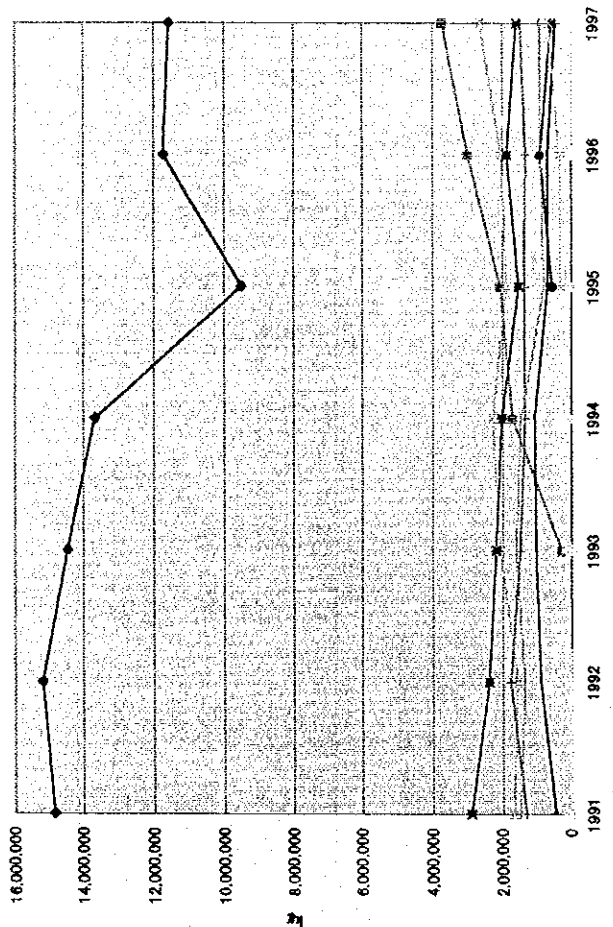


Table K.1.1.8-35 Annual Exports of Vegetables

Crops	1991	1992	1993	1994	1995	1996	1997
French Beans							
Volume (kg)	14,894,958	15,196,189	14,475,833	13,678,100	9,502,930	11,721,772	11,568,559
Value (1,000 Ksh)	516,952	607,847	1,027,784	971,145	722,222	890,838	1,334,194
Unit Price (Ksh/kg)	35	40	71	71	76	76	115
Volume (kg)	283,691	1,722,830	2,074,317	3,000,128	3,000,006	3,706,867	3,787,718
Value (1,000 Ksh)	30,071	182,630	209,506	303,006	303,006	378,718	430,102
Unit Price (Ksh/kg)	106	106	101	101	101	101	102
Volume (kg)	0	429,175	1,818,613	2,179,480	2,179,025	2,722,880	2,722,880
Value (1,000 Ksh)	0	36,479	196,410	295,378	272,880	372,880	372,880
Unit Price (Ksh/kg)	0	85	108	136	125	136	136
Volume (kg)	1,688,475	1,573,120	2,075,743	2,266,848	1,898,045	2,047,562	2,640,960
Value (1,000 Ksh)	43,900	47,193	110,014	121,202	155,841	187,925	222,051
Unit Price (Ksh/kg)	26	30	53	53	82	82	84
Volume (kg)	2,904,836	2,396,632	2,182,181	2,078,652	1,536,879	1,877,933	1,605,663
Value (1,000 Ksh)	83,078	71,958	133,113	123,137	83,903	103,266	108,354
Unit Price (Ksh/kg)	29	30	61	61	55	55	67
Volume (kg)	0	0	0	0	555,567	904,219	571,152
Value (1,000 Ksh)	0	0	0	0	56,112	91,320	95,907
Unit Price (Ksh/kg)	0	0	0	0	101	101	168
Volume (kg)	1,326,126	1,777,496	1,496,773	1,345,390	1,384,094	1,337,206	1,489,312
Value (1,000 Ksh)	34,744	49,789	79,434	71,305	78,125	73,540	89,701
Unit Price (Ksh/kg)	26	28	53	53	56	55	60
Volume (kg)	451,100	901,690	1,031,511	1,068,010	686,314	686,734	458,695
Value (1,000 Ksh)	11,728	23,443	51,575	53,400	52,159	52,184	45,667
Unit Price (Ksh/kg)	26	26	50	50	76	76	100
Volume (kg)	1,430,843	1,367,797	1,618,628	1,462,072	765,222	898,003	920,769
Value (1,000 Ksh)	25,174	25,988	56,651	51,170	43,242	49,275	54,400
Unit Price (Ksh/kg)	17	19	35	35	56	55	59
Volume (kg)	0	0	0	0	176,956	183,704	149,467
Value (1,000 Ksh)	0	0	0	0	15,749	16,349	9,430
Unit Price (Ksh/kg)	0	0	0	0	89	89	63
Volume (kg)	2,827	19,349	37,371	68,993	26,402	25,321	12,067
Value (1,000 Ksh)	38	483	2,018	4,805	2,385	2,253	825
Unit Price (Ksh/kg)	13	25	54	54	89	89	68
Volume (kg)	101,711	67,833	172,627	275,849	128,717	33,762	117,869
Value (1,000 Ksh)	2,573	1,695	10,530	18,828	11,455	3,004	3,269
Unit Price (Ksh/kg)	25	25	61	61	89	89	28
Volume (kg)	0	0	0	0	340,019	350,379	639,561
Value (1,000 Ksh)	0	0	0	0	30,281	31,183	35,668
Unit Price (Ksh/kg)	0	0	0	0	89	89	56

Source: HCDA

Table K.1.1.8-36 Seasonal Fluctuation of Unit Price of the Selected Exporting Vegetables (1997)
(Vegetables)

Crops	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Volume(kg)	585,210	708,127	1,042,539	1,154,595	1,040,429	897,837	777,309	892,917	1,015,943	986,382	1,098,863	1,368,408	11,568,559
Value(1,000 Ksh)	58,521	67,886	74,407	104,345	147,509	126,677	104,095	86,047	144,055	177,079	117,578	125,991	1,334,190
Price(Ksh/kg)	100	96	71	90	142	141	134	96	142	180	107	92	115
Volume(kg)	168,781	375,288	441,272	247,700	559,702	951,746	185,270	151,233	180,570	245,524	118,305	81,476	3,706,867
Value(1,000 Ksh)	49,507	45,985	32,444	40,894	25,795	23,593	20,297	25,665	39,681	34,730	23,495	16,624	378,710
Price(Ksh/kg)	293	123	74	165	46	25	110	170	220	141	199	204	102
Volume(kg)	9,607	126,705	192,925	162,922	211,649	177,139	20,423	20,337	151,077	183,335	147,035	115,871	1,519,025
Value(1,000 Ksh)	593	28,264	26,937	34,716	37,555	22,329	4,074	4,524	29,464	40,573	30,452	13,393	272,874
Price(Ksh/kg)	62	223	140	213	177	126	199	222	195	221	207	116	180
Volume(kg)	62,679	87,728	136,213	114,747	115,861	312,137	90,160	87,413	126,801	175,767	170,144	127,056	1,606,706
Value(1,000 Ksh)	7,224	8,799	8,389	11,257	11,896	19,521	12,275	26,348	18,734	24,362	22,203	12,333	183,341
Price(Ksh/kg)	115	100	62	98	103	63	136	301	148	139	130	97	114
Volume(kg)	186,039	149,879	178,240	219,585	220,723	295,932	147,560	182,929	519,603	178,928	184,896	176,895	2,640,989
Value(1,000 Ksh)	10,232	8,243	9,803	11,595	12,139	10,184	8,241	10,051	11,659	9,841	10,158	9,902	122,048
Price(Ksh/kg)	55	55	55	53	55	34	56	55	22	55	55	56	46
Volume(kg)	133,678	91,034	108,233	139,582	257,812	286,096	130,155	112,683	116,325	135,521	120,851	110,693	1,742,663
Value(1,000 Ksh)	8,408	7,781	5,237	7,408	8,984	9,190	6,993	9,267	9,419	15,173	9,764	10,699	108,323
Price(Ksh/kg)	63	85	48	53	35	32	54	82	81	112	81	97	62
Volume(kg)	46,800	86,831	72,260	36,003	24,379	74,427	9,081	33,353	60,434	87,742	29,273	10,589	571,152
Value(1,000 Ksh)	6,790	10,057	5,027	8,852	7,077	5,996	3,599	7,108	12,715	15,183	10,668	2,228	95,900
Price(Ksh/kg)	145	116	78	246	290	81	397	213	210	173	364	210	168
Volume(kg)	91,523	88,474	115,603	121,583	131,119	151,350	131,112	130,802	140,981	124,993	119,339	142,433	1,489,312
Value(1,000 Ksh)	9,387	4,858	1,640	6,678	6,777	8,446	7,211	7,156	1,924	7,778	6,563	1,279	69,697
Price(Ksh/kg)	103	55	14	55	52	56	55	55	14	62	55	9	47
Volume(kg)	110,673	61,115	67,637	72,467	34,019	21,713	10,578	8,295	6,308	14,469	24,719	26,702	458,695
Value(1,000 Ksh)	5,336	6,355	3,509	13,568	3,340	2,546	1,966	543	1,009	2,137	3,190	2,164	45,663
Price(Ksh/kg)	48	104	52	187	98	117	186	65	160	148	129	81	100
Volume(kg)	79,825	172,838	83,832	83,453	94,906	72,673	67,455	54,862	83,218	53,731	22,227	51,649	920,669
Value(1,000 Ksh)	6,135	5,331	5,273	4,777	5,627	5,705	6,869	3,116	4,721	3,229	1,908	1,704	54,395
Price(Ksh/kg)	77	31	63	57	59	79	102	57	57	60	86	33	59

Source: HCDA

Figure K.1.1.8-1 Seasonal Fluctuation of Unit Price of the Selected Exporting Crops (1997)

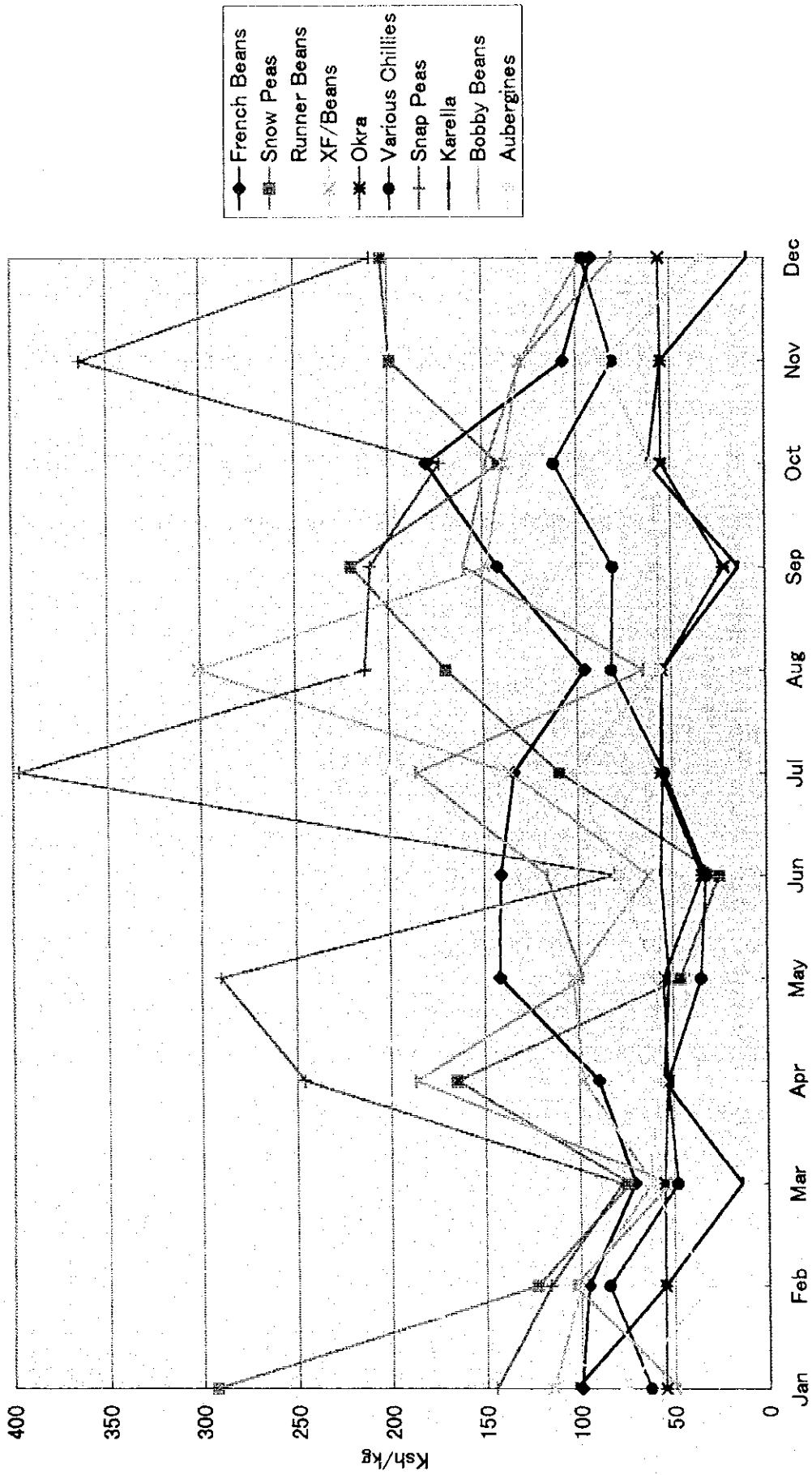


Table K.1.1.8-37 Seasonal Fluctuation of Unit Price of the Selected Exporting Fruits (1997)
(Fresh Fruits)

Crops	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Avocado	262,313	142,256	914,399	2,069,359	3,100,231	2,269,851	1,857,878	1,873,164	440,930	162,532	93,340	103,472	13,289,725
Value(1,000 Ksh)	10,262	4,144	20,244	95,973	106,550	129,162	51,729	49,483	20,889	2,993	1,773	2,228	495,430
Price(Ksh/kg)	39	29	22	46	34	57	28	26	47	18	19	22	37
Mango	672,387	554,126	378,596	144,487	23,916	29,022	21,749	11,774	14,190	63,350	368,169	243,073	2,524,839
Value(1,000 Ksh)	44,091	35,880	16,439	9,482	4,699	6,624	1,931	1,858	1,408	5,470	48,946	18,737	195,565
Price(Ksh/kg)	66	65	43	66	196	228	89	158	99	86	133	77	77
Volume(kg)	54,714	74,507	79,915	50,308	36,061	17,284	54,069	68,072	77,712	47,082	42,646	85,203	841,573
Passion Fruits	5,341	6,110	6,587	4,405	3,104	3,730	4,942	5,203	6,157	4,807	6,767	7,949	65,102
Value(1,000 Ksh)	98	82	82	88	86	22	91	76	79	102	159	93	77
Price(Ksh/kg)	28,132	44,416	54,778	65,921	51,623	40,454	28,181	45,486	31,351	64,145	46,005	18,694	519,186
Volume(kg)	2,552	2,304	1,056	2,642	2,210	1,716	1,694	1,912	1,928	2,280	1,603	1,269	23,166
Pineapple	91	52	19	40	43	42	60	42	61	36	35	68	45
Value(1,000 Ksh)	4,886	734	54	60	0	11,448	7,319	9,292	7,391	14,660	20,528	13,809	90,181
Price(Ksh/kg)	688	148	0	16	0	1,533	1,059	1,755	1,061	2,971	3,574	2,387	15,190
Volume(kg)	140	202	0	267	#DIV/0!	134	145	189	144	203	174	173	168
Strawberry	5,933	4,653	8,346	6,995	8,413	46,369	3,006	2,483	5,796	3,420	2,934	3,814	102,162
Value(1,000 Ksh)	1,037	722	588	453	770	446	210	429	450	484	368	467	6,424
Price(Ksh/kg)	175	155	70	65	92	10	70	173	78	142	125	122	93
Volume(kg)	1,038	331	800	1,511	1,187	1,866	2,772	2,123	1,671	2,012	1,288	1,249	17,848
Melon	63	21	46	115	82	125	203	215	154	252	112	60	1,448
Value(1,000 Ksh)	61	63	58	76	69	67	73	101	92	125	87	48	81
Price(Ksh/kg)	1,177	577	1,294	658	1,320	598	936	869	1,060	480	1,238	844	11,051
Volume(kg)	44	50	19	73	99	57	103	88	81	29	94	42	779
Pawpaw	37	87	15	111	75	95	110	101	76	60	76	50	70
Value(1,000 Ksh)	1,734	19	0	0	0	0	0	0	0	0	129	2,809	4,691
Price(Ksh/kg)	136	2	0	0	0	0	0	0	0	0	11	107	256
Volume(kg)	78	105	0	0	0	0	0	0	0	0	85	38	55

Source:HCDA

Table K.1.1.8-38 Seasonal Fluctuation of Unit Price of the Selected Exporting Vegetables (1996)

Crops	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Volume(kg)	757,033	673,185	1,086,243	1,191,969	1,069,947	917,864	1,075,233	740,569	1,109,641	1,067,585	930,201	1,102,302	11,721,772
Value(1,000 Ksh)	57,534	51,162	82,544	90,589	81,315	69,757	81,717	56,283	84,332	81,136	70,695	83,774	890,898
Price(Ksh/kg)	76	76	76	76	76	76	76	76	76	76	76	76	76
Volume(kg)	179,658	254,729	268,773	230,203	246,383	205,710	190,296	241,103	222,405	276,485	359,034	325,349	3,000,128
Value(1,000 Ksh)	18,145	25,727	27,146	23,250	24,884	20,776	19,219	24,351	22,462	27,924	36,262	32,860	303,006
Price(Ksh/kg)	101	101	101	101	101	101	101	101	101	101	101	101	101
Volume(kg)	212,051	202,358	267,825	250,434	180,464	140,732	111,573	33,551	26,848	174,334	225,968	353,342	2,179,480
Value(1,000 Ksh)	22,901	21,854	28,925	27,046	19,490	15,199	12,049	3,623	2,899	18,828	24,404	38,160	235,378
Price(Ksh/kg)	108	108	108	108	108	108	108	108	108	108	108	108	108
Volume(kg)	279,039	166,703	518,182	365,664	252,276	251,476	189,608	126,174	138,133	171,642	190,385	402,925	3,052,207
Value(1,000 Ksh)	21,206	12,669	39,381	27,790	19,172	19,112	14,410	9,589	10,498	13,044	14,469	30,622	231,962
Price(Ksh/kg)	76	76	76	76	76	76	76	76	76	76	76	76	76
Volume(kg)	199,156	162,931	203,150	207,187	175,157	145,160	160,279	151,015	141,579	174,184	156,573	171,562	2,047,562
Value(1,000 Ksh)	16,330	13,360	16,658	16,989	14,362	11,903	13,142	12,383	11,609	14,283	12,838	14,068	167,925
Price(Ksh/kg)	82	82	82	82	82	82	82	82	82	82	82	82	82
Volume(kg)	178,822	131,630	151,407	178,799	168,346	161,282	186,524	160,594	131,872	133,638	152,486	142,533	1,877,933
Value(1,000 Ksh)	9,833	7,237	8,325	9,832	9,256	8,867	10,259	8,831	7,257	7,347	8,385	7,837	103,266
Price(Ksh/kg)	55	55	55	55	55	55	55	55	55	55	55	55	55
Volume(kg)	100,344	85,142	77,709	56,468	43,083	36,980	54,350	41,265	69,277	144,784	112,241	82,576	904,219
Value(1,000 Ksh)	10,134	8,599	7,848	5,703	4,351	3,734	5,489	4,167	6,996	14,623	11,336	8,340	91,320
Price(Ksh/kg)	101	101	101	101	101	101	101	101	101	101	101	101	101
Volume(kg)	114,829	89,944	117,212	123,099	106,353	73,409	95,976	113,933	116,820	134,838	129,052	121,741	1,337,206
Value(1,000 Ksh)	6,315	4,946	6,446	6,770	5,849	4,037	5,278	6,266	6,425	7,416	7,097	6,695	73,540
Price(Ksh/kg)	55	55	55	55	55	55	55	55	55	55	55	55	55
Volume(kg)	67,419	53,357	76,378	246,850	36,735	48,671	12,776	10,692	8,490	17,953	39,540	67,693	686,734
Value(1,000 Ksh)	5,123	4,068	5,804	18,760	2,791	3,698	970	812	645	1,364	3,005	5,144	52,184
Price(Ksh/kg)	76	76	76	76	76	76	76	76	76	76	76	76	76
Volume(kg)	74,101	71,349	66,819	78,436	73,566	61,189	77,161	54,703	62,366	100,651	91,030	84,602	896,003
Value(1,000 Ksh)	4,075	3,924	3,675	4,313	4,046	3,365	4,243	3,008	3,430	5,537	5,006	4,653	49,275
Price(Ksh/kg)	55	55	55	55	55	55	55	55	55	55	55	55	55

Source: HCDA

Table K.1.1.8-39 Seasonal Fluctuation of Unit Price of the Selected Exporting Fruits (1996)
(Fresh Fruits)

Crops	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Avocado	41,811	767,935	2,350,435	1,703,531	634,131	2,094,559	1,175,973	856,447	592,180	59,790	32,160	120,496	10,429,448
Value(1,000 Ksh)	1,672	30,717	94,017	68,141	25,365	83,782	47,038	34,257	23,687	2,391	1,286	4,819	417,172
Price(Ksh/kg)	40	40	40	40	40	40	40	40	40	40	40	40	40
Volume(kg)	708,782	607,890	309,901	131,327	50,774	49,994	40,686	5,013	43,059	522,813	767,761	1,007,467	4,245,467
Mango	32,603	27,962	14,255	6,041	2,335	2,299	1,871	230	1,980	24,049	35,317	46,343	195,285
Value(1,000 Ksh)	46	46	46	119	47	57	373	5	4	31	35	11	46
Price(Ksh/kg)	208,501	114,906	87,751	73,657	51,967	60,083	45,405	60,375	43,970	28,234	89,343	117,832	982,024
Volume(kg)	16,680	9,192	7,020	5,892	4,157	4,806	3,632	4,830	3,517	2,258	7,147	9,426	78,557
Passion Fruits	80	80	80	80	80	80	80	80	80	80	80	80	80
Value(1,000 Ksh)	10	0	0	0	0	36,000	48,000	72,000	22,750	9,825	20,080	41,840	250,505
Price(Ksh/kg)	0.9	0	0	0	0	3,204	4,272	6,408	2,024	874	1,787	3,723	22,293
Volume(kg)	89	0	0	0	0	89	89	89	89	89	89	89	89
Macadamia Nut	71,477	73,164	65,490	60,806	40,738	41,278	37,290	36,047	32,698	44,423	32,952	8,402	544,765
Value(1,000 Ksh)	2,501	2,560	2,292	2,128	1,425	1,444	1,305	1,261	1,144	1,554	1,153	294	19,061
Price(Ksh/kg)	35	35	35	35	35	35	35	35	35	35	35	35	35
Volume(kg)	56,603	40,549	37,058	12,417	8,384	1,458	109	150	391	260	3,645	8,298	169,322
Strawberry	5,037	3,608	3,298	1,105	746	129	9	13	34	23	324	738	15,064
Value(1,000 Ksh)	89	89	89	89	89	88	83	87	87	88	89	89	89
Price(Ksh/kg)	9,761	14,717	11,607	10,622	8,528	10,592	7,431	12,517	10,523	13,979	5,371	7,182	122,830
Volume(kg)	868	1,309	1,033	945	758	942	661	1,114	936	1,244	478	639	10,927
Bananas	89	89	89	89	89	89	89	89	89	89	89	89	89
Value(1,000 Ksh)	3,913	3,560	7,650	5,634	3,900	1,186	2,816	2,734	1,039	3,878	5,154	3,638	45,112
Price(Ksh/kg)	348	316	681	501	347	105	250	243	92	345	458	323	4,009
Volume(kg)	89	89	89	89	89	89	89	89	89	89	89	89	89
Melon	805	2,701	1,350	1,394	1,819	2,316	6,985	2,378	919	552	1,496	735	23,450
Value(1,000 Ksh)	72	240	120	124	161	206	621	211	82	49	133	65	2,084
Price(Ksh/kg)	89	89	89	89	89	89	89	89	89	89	89	89	89
Volume(kg)	3,460	1,973	2,000	136	0	0	0	0	0	0	0	1,182	8,751
Pawpaw	307	175	178	12	0	0	0	0	0	0	0	0	105
Value(1,000 Ksh)	89	89	89	88	0	0	0	0	0	0	0	0	89
Price(Ksh/kg)	89	89	89	88	0	0	0	0	0	0	0	0	89

Source: HCDA

Table K.1.1.8-40 Areas and Production of Major Horticultural Crops (1989-1996)

(A) Fruits	1989		1990		1991		1992		1993		1994		1995		1996		Change(1996/1989)		
	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	
Bananas	68,932	875,209	76,998	920,513	75,927	1,019,463	76,917	985,982	79,591	817,908	49,575	892,463	44,434	445,533	45,269	500,627	0.66	0.57	
Pineapples	7,300	374,561	7,947	376,383	8,322	378,705	7,738	383,147	9,886	550,554	11,092	589,125	7,686	475,117	10,142	544,639	1.39	1.45	
Citrus	18,057	155,604	19,031	199,002	19,314	190,994	15,830	124,363	16,170	163,335	16,339	169,211	14,865	163,101	14,270	133,344	0.79	0.90	
Mangoes	8,413	79,803	9,617	76,679	10,380	94,273	11,839	90,160	12,357	97,426	12,028	88,129	10,862	89,263	11,143	88,076	1.32	1.70	
Papayas	3,147	43,716	4,289	47,741	4,505	45,253	4,786	62,043	5,007	55,779	5,796	57,539	4,658	57,485	5,708	60,050	1.81	1.37	
Avocados	1,377	23,212	1,524	23,043	1,517	19,170	1,872	21,291	2,442	39,116	2,852	41,296	1,978	—	2,585	31,351	1.88	1.35	
Temperate fruits	1,630	14,458	1,525	14,810	1,705	17,381	1,747	19,857	1,644	14,756	1,664	17,541	1,577	11,085	1,842	12,625	1.13	0.87	
Passion fruit	870	6,456	1,073	8,380	1,463	16,236	1,366	12,127	1,567	12,960	1,266	7,735	1,419	13,359	1,550	13,168	1.78	2.03	
Other minor	711	—	—	—	5,848	487	5,510	723	4,558	818	5,013	625	5,291	568	3,795	492	4,573	0.59	NA
Watermelon	295	2,380	387	3,308	392	3,653	214	1,938	330	2,987	357	3,413	243	2,316	393	3,870	1.33	1.83	
Macadamia nuts	0	0	0	0	0	0	0	0	0	0	0	0	0	2,632	6,054	2,304	3,775	NA	NA
Total	110,732	1,575,199	122,391	1,675,687	124,012	1,791,658	122,832	1,705,486	129,812	1,759,154	101,504	1,851,743	90,912	1,267,088	95,698	1,402,038	0.85	0.89	

(B) Vegetables	1989		1990		1991		1992		1993		1994		1995		1996		Change(1996/1989)	
	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton	ha	ton
Cabbages	28,184	433,284	24,615	302,694	23,049	363,860	20,761	322,260	16,870	246,045	19,980	324,070	17,218	252,645	16,176	258,480	0.57	0.60
Kales	16,493	330,378	16,079	183,504	18,233	220,931	17,465	249,998	17,509	230,621	22,435	317,787	17,569	281,650	18,215	245,434	1.11	0.74
Tomatoes	12,678	247,510	12,698	264,249	15,495	316,544	13,528	216,821	12,767	191,619	14,246	178,148	11,157	153,276	13,780	196,210	1.09	0.79
Onions	6,319	66,474	6,089	68,623	7,145	73,234	4,888	47,174	5,043	51,597	5,124	48,726	4,315	41,640	5,210	57,501	0.82	0.87
Carrots	3,774	39,846	4,144	59,744	5,255	63,030	4,801	62,273	4,659	58,364	4,719	55,168	4,040	53,300	4,260	53,159	1.13	1.33
Greenpeas	—	—	5,504	23,850	6,787	31,643	6,169	24,612	4,144	17,643	7,005	42,234	7,195	42,697	6,940	32,957	NA	NA
Other vegetables	1,822	26,051	1,307	13,172	1,238	12,251	1,486	13,869	1,076	11,887	1,234	10,252	1,649	13,672	1,885	14,902	1.03	0.57
French bean	3,085	17,832	3,707	13,565	5,939	24,265	5,190	22,265	5,807	19,624	4,792	18,271	4,572	15,219	5,632	11,957	1.83	0.67
Asian vegetables	1,603	14,541	1,214	16,610	2,227	32,487	1,227	77,085	3,039	16,380	3,637	62,895	5,351	26,211	2,027	28,050	1.26	NA
Traditional vegetable:	3,712	11,806	3,739	16,329	3,948	12,941	4,450	25,348	4,112	18,185	5,609	11,305	3,479	14,616	5,344	28,050	1.44	2.38
Eggplant	1,500	7,232	1,178	11,947	1,368	14,195	539	3,537	1,391	6,315	1,526	7,074	1,549	5,736	573	3,206	0.38	0.44
Spinach	—	—	737	2,841	824	4,877	653	5,484	558	5,081	1,636	2,683	1,628	23,558	152	23,904	NA	NA
Potatoes	86,520	815,920	87,890	779,190	87,144	867,828	88,037	632,572	55,675	1,033,514	83,000	806,000	90,168	928,744	98,000	744,000	1.13	0.91
Total	165,650	2,010,874	168,839	1,756,318	176,452	2,157,486	149,194	1,703,118	132,550	1,806,875	174,943	1,884,613	175,890	1,804,994	178,194	1,697,790	1.08	0.84

(C) Outflowers	1994		1995		1996		1997	
	ha	(t/w)	ha	(t/w)	ha	(t/w)	ha	(t/w)
Roses	175	210	225	550	—	—	—	—
Carnations-spray	200	180	160	140	—	—	—	—
Carnations-STD	50	54	60	61	—	—	—	—
Statice(Limonium)	220	225	230	85	—	—	—	—
Statice(Beltard)	4	4	5	5	—	—	—	—
Aistromeria	140	160	170	180	—	—	—	—
Tuberose	30	35	35	40	—	—	—	—
Solidaster/Solidago	45	50	50	55	—	—	—	—
Bulpeurum	50	50	50	50	—	—	—	—
Delphinium	18	18	18	18	—	—	—	—
Lilacanthus	10	14	15	20	—	—	—	—
Outflower	35	38	40	45	—	—	—	—
Gypsophilla	9	9	9	12	—	—	—	—
Lilies(Asiatic)	2	2	2	4	—	—	—	—
Lilies(Other)	5	7	7	10	—	—	—	—
Orchids	5	5	5	5	—	—	—	—
Chryt.Cutting	10	10	10	41	—	—	—	—
Mouicella	5	6	6	8	—	—	—	—
Heliconia	4	5	5	8	—	—	—	—
Others	187	247	255	273	—	—	—	—
Total	1,204	1,329	1,357	1,610	—	—	—	—

Source:HCDA

Table K.1.1.8-41 Value of Locally Marketed Horticultural Produce (1993-1996)

(A) Fruits	(Unit:K\$)				Change (1996/1993)
	1993	1994	1995	1996	
Bananas	179,169,200	155,355,000	183,904,040	213,257,309	1.19
Pineapples	90,934,940	104,247,000	355,018,800	759,040,289	8.35
Citrus	45,617,587	61,761,345	98,750,420	98,187,473	2.15
Mangoes	33,570,893	41,165,694	49,465,470	42,324,436	1.26
Papayas	14,707,258	17,859,350	24,325,423	21,982,925	1.49
Avocados	10,261,705	12,216,222	11,516,218	14,324,913	1.40
Temp. Fruits	8,856,680	12,464,500	8,490,200	10,464,146	1.18
Passion Fruit	7,410,175	5,344,940	13,521,378	10,568,256	1.43
Other minor loquats dates, tomatoes etc.	2,211,287	4,402,325	1,388,040	1,726,105	0.78
Watermelon	1,713,420	2,136,400	1,244,248	9,076,155	5.30
Macadamia nuts	NA	NA	1,355	22,294,945	-
Total	394,453,145	416,952,776	747,625,592	1,203,246,932	3.05

(B) Vegetables	(Unit:K\$)				Change (1996/1993)
	1993	1994	1995	1996	
Cabbage	99,068,361	123,196,000	53,921,321	75,796,626	0.77
Kales	76,632,340	109,555,000	98,917,060	82,051,106	1.07
Tomatoes	103,374,000	101,806,000	101,435,056	136,551,510	1.32
Onions	23,695,123	31,432,900	50,873,032	42,843,882	1.81
Carrots	37,628,518	24,258,566	20,563,147	39,330,744	1.05
Gardenpeas	5,509,360	10,520,880	13,636,420	19,680,988	3.57
Other minor vegetables	9,361,095	9,161,565	7,944,516	11,323,056	1.21
Other herbs & spices	1,077,110	2,378,903	4,436,150	7,171,250	6.66
French beans	17,151,807	18,280,800	18,821,216	30,216,422	1.76
Asian vegetables	8,436,377	32,476,305	207,981,188	6,063,803	0.72
Chillies	2,232,262	5,465,250	2,698,843	1,873,180	0.84
Traditional vegetables	6,855,200	4,006,700	3,636,900	8,982,153	1.31
Spinach	2,434,830	13,560,250	6,029,708	14,206,727	5.83
Potatoes	27,837,500	41,500,000	48,084,000	49,000,000	1.76
Total	421,293,883	527,599,119	638,978,557	525,091,447	1.25

Source.MOA & HCDA

K. 1. 9 INDUSTRY

Table K.1.1.9-1 Large Scale Firms and Establishments

	(unit: number)				
	1990	1991	1992	1993	1994
Meat and Dairy Products	20	20	20	20	13
Canned Vegetables, Fish, Oils a	18	17	19	22	10
Grain Mill Products	24	21	26	26	23
Bakery Products	12	13	12	11	14
Suagr and Confectionery	17	18	17	17	14
Miscellaneous Foods	69	78	68	70	71
Beverages and Tobacco	23	24	23	34	35
Textiles	58	58	60	42	40
Clothing	76	76	76	57	42
Leather and Footwear	17	18	17	21	16
Wood and Cork Products	38	40	37	46	48
Furniture and Fixture	21	22	21	24	22
Paper and Paper Products	21	21	22	28	21
Printing and Publishing	21	21	21	26	25
Industrial Chemicals	10	11	10	10	11
Petroleum and Other Chemicals	39	40	39	41	43
Rubber Products	8	8	8	10	15
Plastic Products	16	16	18	22	30
Pottery and Glass Products	5	5	5	3	3
Non-Metalic Minerals	15	15	17	15	11
Metal Products	67	68	68	73	86
Non-Electrical Machinery	8	8	8	10	6
Electrical Machinery	6	5	6	9	14
Transport Equipment	21	21	20	27	17
Miscellaneous manufactures	17	19	17	20	18
Total Manufacturing	647	663	655	684	648

Source: Statistical Abstract 1995

Table K.1.1.9-2 Quantity Index of Manufacturing Production

Industries	(1976=100)					
	1990	1991	1992	1993	1994	1994/93
1. Food Manufacturing						
Meat and Dairy Products	130.9	125.1	94.0	95.8	87.0	-9.19
Canned Vegetables, Fish, Oils and Fats	291.1	363.4	338.9	384.4	275.0	-28.46
Grain Mill Products	175.5	178.1	170.9	154.8	204.8	32.30
Bakery Products	155.4	166.1	172.9	178.5	274.5	53.78
Suagr and Confectionery	210.5	210.6	195.7	198.3	156.8	-20.93
Miscellaneous Foods	225.6	227.4	236.7	220.0	225.9	2.68
Sub-Total	171.0	174.7	168.3	168.2	167.7	-0.30
2. Beverages and Tobacco						
Beverages	210.3	210.8	245.0	243.4	225.2	-7.48
Tobacco	178.6	173.5	192.8	194.8	196.2	0.72
Sub-Total	201.1	203.9	235.7	234.6	219.3	-6.52
3. Other industries						
Textiles	202.3	218.5	218.5	252.0	186.9	-25.83
Clothing	378.6	323.6	320.6	292.4	183.9	-37.11
Leather and Footwear	94.7	101.5	97.1	87.9	96.8	10.13
Wood and Cork Products	68.1	73.1	74.0	73.7	76.0	3.12
Furniture and Fixture	72.9	70.8	46.8	49.6	50.6	2.02
Paper and Paper Products	189.3	214.6	257.7	180.5	155.6	-13.80
Printing and Publishing	392.9	405.8	411.2	411.2	424.8	3.31
Basic Industrial Chemicals	198.1	233.8	234.0	244.6	213.0	-12.92
Petroleum and Other Chemicals	396.0	510.7	481.8	469.2	453.6	-3.32
Rubber Products	308.7	322.4	630.3	622.4	613.7	-1.40
Plastic Products	219.1	274.3	323.7	357.2	362.6	1.51
Clay and Glass Products	338.1	259.3	575.2	1199.0	1770.6	47.67
Non-Metalic Minerals	147	174.4	205.7	301.5	211.7	-29.78
Metal Products	154.6	203.1	183.8	184.2	205	11.29
Non-Electrical Machinery	132.8	101	95.3	94.6	100.3	6.03
Electrical Machinery	193.8	259.7	251.5	224.5	226.2	0.76
Transport Equipment	638.0	662.0	603.7	541.2	571.4	5.58
Miscellaneous manufactures	375.0	441.0	442.9	442.9	442.9	0.00
Total Manufacturing	233.4	242.3	245.4	249.9	254.7	1.92

Source: Statistical Abstract 1995

K. 1. 10 CREDIT
Table K.1.1.10-1 Principal Interest Rates

	(unit:%)			
	1994 December	1995 December	1996 June	1996 December
1) Central Bank of Kenya				
Discount rate for 91 days treasury bills	17.90	20.90	20.86	21.61
Advances against treasury bills	20.50	23.50	26.00	26.88
Bills and notes under crop finance scheme:				
Discounts	21.50	24.50	26.00	26.88
Advances	21.50	24.50	26.00	26.88
Other bills and notes:				
Discounts	21.50	24.50	26.00	26.88
Advances	21.50	24.50	26.00	26.88
Treasury bonds (coupon rates):				
One year	15.00	15.00	15.00	15.00
Two years	16.50	16.50	15.00	15.50
Five years	17.00	17.00	17.00	17.00
2) Kenya Commercial Banks				
Time deposits				
0-3 months	9.37~16.41	10.48~18.07	11.74~19.23	12.69~19.37
3-6 months	11.07~15.72	11.34~16.32	13.09~17.89	13.36~18.05
6-9 months	11.21~15.62	10.65~14.27	12.00~16.24	12.85~17.24
9-12 months	11.78~16.85	10.12~13.47	11.57~16.46	12.44~16.64
over 12 months	12.44~17.46	12.69~15.66	13.35~17.43	13.84~19.02
Saving deposits				
loans and advances (maximum)	30.93	33.14	34.28	34.60
inter-bank rate	8.90	20.60	13.30	16.00
3) Other Financial Institutions				
Kenya Post Office savings Bank deposits	10.00	6.00	6.00	6.00
Agricultural Finance Corporations loans:				
a) land purchase	20.00	20.00	20.00	20.00
b) seasonal crop loan	20.00	20.00	20.00	20.00
c) other	20.00	20.00	20.00	20.00
4) Hire-Purchase Companies and Merchant Banks				
Deposits (time)				
Loans	8.00~17.50	8.00~18.50	7.00~25.00	8.00~23.00
Loans				
Building Societies:	19.00~27.00	23.00~33.50	8.10~40.25	8.00~36.50
Deposits (time)	11.50~30.00	4.00~30.00	4.00~28.00	4.00~28.00
Loans	29.00	26.00	31.00	31.00

Source: Economic Survey 1997

Table K.1.1.10-2 New Agricultural Credit Issued by Type of Farmers

	(unit: number)					
	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86
1. Small Scale Farmers						
Short term loans	455	1,998	2,471	1,998	5,444	7,243
Medium term loans	938	219	3,747	2,717	7,733	5,026
Long term loans	85	0	0	0	11	9
Other loans	336	59	60	59	347	830
Sub-Total	1,814	2,276	6,278	4,774	13,535	13,108
2. Large Scale Farmers						
Short term loans	0	0	0	0	6	324
Medium term loans	0	0	0	0	170	0
Long term loans	2,119	1,359	6,966	2,772	4,179	642
Other loans	1,071	33	591	0	789	376
Sub-Total	3,190	1,392	7,557	2,772	4,968	1,018
3. Cooperative Societies						
Short term loans	9,507	4,657	3,238	8,090	9,888	10,333
Medium term loans	1,453	967	899	2,257	6,860	7,025
Long term loans	469	268	260	0	358	621
Other loans	23	0	100	940	795	1,346
Sub-Total	11,452	5,892	4,497	11,287	17,901	19,325
4. Other farmers						
Short term loans	6,114	4,610	11,229	2,917	0	0
Medium term loans	0	0	0	0	0	0
Long term loans	0	0	1,368	0	0	453
Other loans	0	0	744	0	12,713	10,725
Sub-Total	6,114	4,610	13,341	2,917	12,713	11,178
All Recipients						
Short term loans	16,076	11,265	16,938	13,005	15,338	17,900
Medium term loans	2,391	1,186	4,646	4,974	14,763	12,051
Long term loans	2,673	1,627	8,594	2,772	4,548	1,725
Other loans	1,430	92	1,495	999	14,644	13,277
Total	22,570	14,170	31,673	21,750	49,293	44,953

Source: Statistical Abstract 1995

Table K.1.1.10-3 Loan Approved by the Agricultural Finance Corporation

(unit: 1,000 K. pound)

Loan Approved (No.)	Land Purchase	Dairy Cattle	Steers	Sheep & Pigs	Poultry & Fish	Fencing Pasture Impr.	Irrigation	Water & Machinery	Farm Buildings	Dip Sprays	Total	
												739,315
Apr. 1985 to Mar. 1986	15,037	739,315	583,143	782,560	54,347	65,727	211,355	261,890	100,367	75,750	22,761,577	25,636,031
Jul. 1986 to Jun. 1987	9,812	40,151	11,180	28,044	-	3,172	5,462	11,677	6,609	6,548	164,615	277,458
Jul. 1987 to Jun. 1988	6,844	17,736	8,218	8,473	-	2,054	3,890	6,536	13,969	4,075	123,524	188,475
Jul. 1988 to Jun. 1989	5,545	43,627	12,202	3,194	-	2,677	3,552	4,012	2,725	4,389	110,861	187,239
Jul. 1989 to Jun. 1990	6,848	6,631	2,414	461	-	529	572	913	1,724	971	15,180	29,395
Jul. 1990 to Jun. 1991	3,605	2,848	1,028	391	-	202	313	667	746	487	33,164	39,846
Jul. 1991 to Jun. 1992	4,303	7,111	1,439	253	-	1,097	420	936	1,119	817	29,004	42,196
Jul. 1992 to Jun. 1993	4,518	5,285	1,807	218	-	497	494	1,514	2,125	2,533	15,075	29,548
Jul. 1993 to Jun. 1994	3,457	5,891	1,345	317	-	832	545	1,115	370	1,025	20,935	32,375

Source: Statistical Abstract 1995

Table K.1.1.10-4 Check List of Funding Irrigation Infrastructure Project of SISDO

Check List for funding Irrigation Infrastructure Projects of SISDO

1. Group must have a clear membership list
2. Group must be registered by Ministry of Culture and Social Services
3. Group must have a comprehensive set of by-laws
4. Group must have bank account and must have raise a security fund equau to 15% of loan required
5. Group must have applied for a water permit
6. All group members must give consent for construction works in their land
7. All group members must be involved in a discussion on the project design and agree on it
8. All non-members on which the water system path must consent to constructions being done on their land
9. All members must agree to guarantee each other loan
10. All members must agree to be responsible for project operation and maintenance and to repay the loan preferably from proceeds of practised irrigated agriculture

K. 1. 11 INFRASTRUCTURE

Table K.1.1.11-1 Length of Road Network by Type

Category	1989		1990		1991		1992		1993		1994	
	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel
International trunk roads	2,607.9	971.0	2,607.9	971.0	2,667.1	1,023.8	2,667.1	1,023.8	2,697.2	1,023.8	2,697.2	957.9
National Trunk Roads	1,171.2	1,569.3	1,307.6	1,442.9	1,364.2	1,377.7	1,403.3	1,344.8	1,403.3	1,344.8	1,403.3	1,344.8
Primary Roads	2,242.9	5,534.7	2,293.4	5,476.4	2,424.6	5,402.5	2,502.9	5,452.5	2,500.9	5,452.5	2,590.0	5,568.4
Secondary Roads	968.6	10,027.5	1,041.4	10,066.7	1,148.4	10,006.8	1,170.5	10,049.6	1,163.5	10,058.4	1,187.0	10,088.6
Minor Roads	512.0	25,262.7	512.4	25,756.6	593.4	25,816.2	665.3	25,848.9	667.1	25,956.5	712.7	25,993.8
Special Purpose Roads	184.2	10,635.7	180.5	10,627.7	184.9	10,674.9	212.3	10,779.2	213.5	10,872.9	213.5	10,905.2
Total	7,686.8	54,000.9	7,943.2	54,341.3	8,323.4	54,249.1	8,621.4	54,498.8	8,615.4	54,708.9	8,803.7	54,859.7

Source: Statistical Abstract 1995

Table K.1.1.11-2 Kenya Railways

Category	1984		1985		1986		1987		1988		1989		1990		1991		1992		1993		1994		
	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	Bitumen	Earth/Gravel	
Public Lines																							
Main Lines	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	1,083	345	
Principal Lines	345	490	345	490	345	490	345	490	345	490	345	490	345	490	345	490	345	490	345	490	345	490	
Minor and Branch Lines	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	490	1,918	
Sub-Total	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	1,918	
Private lines and Sidings	815		815		815		815		815		815		815		815		815		815		815		815
Total	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	2,733	

Source: Statistical Abstract 1995

K.1.2 REGIONAL LEVEL

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Table K.1.2-1 Socioeconomic Indicators

	Kenya	Study Area							Share to Nation(%)
		Embu	Nyamirani	Meru	Kirinyaga	Nyeri	Mbeere	Tharaka Nithi	
1. No. of Divisions	-	5	14	10	4	7	4	8	52
2. No. of Locations	-	15	53	27	20	34	15	28	192
3. No. of Sub-Locations	-	52	129	75	76	190	38	55	244
4. Total Land Area(sq.km)	582,846	708	3,224	3,012	1,437	3,266	2,097	2,295	16,039
5. Cultivable Area(he)	3,828,000	49,600	184,200	216,500	102,500	280,550	161,029	156,100	1,130,479
6. Ratio of Cultivable Area(%)	0.66	70.06	57.13	71.88	71.33	79.78	76.79	68.02	70.48
7. Irrigated Area	82,000	88	605	4,078	6,955	1,681	1,813	239	15,439
8. Ratio of Irrigated Area(%)	2.14	0.14	0.33	1.88	6.79	0.65	1.13	0.15	1.37
9. Planted Area for Crops	NA	161,967	126,129	138,337	85,366	87,822	in Embu	108,150	707,771
9. Population	26,423,560	298,342	591,780	540,166	492,942	729,595	175,219	325,770	3,153,794
9.1 Population in 1997	49.3	48.7	49.1	49.9	49.5	48.5	48.7	48.9	49.1
9.2 Male population(%)	50.4	51.3	50.9	50.1	50.5	51.5	51.3	51.1	50.9
9.3 Female Population(%)	37	32	32	32	32	32	32	32	32
10. Population Density(person/sq.km)	3.42	3.20	3.14	3.20	3.00	2.20	3.08	2.92	3.00
11. Annual Increase of Population(1979-1989%)	5.20	6.00	5.52	6.00	5.10	5.30	5.50	6.20	5.66
12. Average Family Size(1984)	2,756,438	61,014	107,200	92,000	82,012	93,543	22,986	45,000	503,765
13. No. of Farm Households	2,700,000	58,424	105,256	91,000	81,950	93,471	22,985	43,158	497,222
of which Small Holders	56,438	1,590	1,944	1,000	62	72	31	1,844	6,543
Large Holders	2.5	4.4	1.78	4.78	3.97	1.86	1.80	6.00	1.6
14. Average Farm Size(he)	25.8	16.7	NA	3.5	18.8	20.0	NA	0.2	-
15. Ratio of Landless Households(%)	9.896	7.995	in Meru	9.320	5.986	6.898	in Embu	4.255	-
16. Income and Expenditure(Ksh/month/family)	7,393	5,382	in Meru	7,020	6,324	6,824	in Embu	6,849	-
16.1 Average Income	27,403	17,997	in Meru	19,500	16,078	16,034	in Embu	9,681	-
16.2 Average Expenditure	31.3	64.6	NA	46.7	28.2	29.8	NA	48.0	30.8
17. Annual Per Capita Income(Ksh)	-	1,759,900	1,134,457	1,384,446	1,912,520	3,674,000	599,900	528,663	10,993,886
18. District Agricultural Income	-	114,633	1,171,116	446,772	487,615	4,459,400	232,500	130,868	5,988,702
18.1 Crop Income(1,000 Ksh)	-	1,874,533	1,251,573	1,831,218	2,400,135	6,133,400	932,400	659,329	16,982,588
18.2 Livestock Income(1,000 Ksh)	-	44.9	45.8	NA	62.5	30.4	59.9	NA	32.2
18.3 Total(1,000 Ksh)	-	74.8	82.0	NA	77.4	89.6	90.8	NA	90.5
19. Access to safe Water(%)	-	-	-	-	-	-	-	-	-
20. Adult Literacy Rate, above 15 years(%)	-	-	-	-	-	-	-	-	-

Sources: Statistical Abstract 1995
 District Development Plans 1997-2001
 Welfare Monitoring Survey II 1996
 Population Dynamics of Kenya 1996
 District Annual Reports 1996
 District Profile Survey 1998
 Farm Management Handbook

Table K.1.2-2 Population and Population Density

	Areas (sq. km)		Total	Population	Population Density
	Land	Water Area			
Nairobi	684	0	684	1,324,570	1911
1. Central Province					
Kianbu	2,448	3	2,451	914,412	353
Kirinyaga	1,437	0	1,437	391,516	264
Muranga	2,476	0	2,476	858,063	340
Nyandarua	3,528	0	3,528	345,420	102
Nyeri	3,284	0	3,284	607,292	186
Sub-Total	13,173	3	13,176	3,116,703	235
2. Coastal Province			0		
Kilifi	12,414	109	12,523	591,903	46
Kwale	8,257	65	8,322	383,053	46
Lamu	6,506	308	6,814	56,783	8
Mombasa	210	65	275	461,753	1637
Taita-Taveta	16,959	16	16,975	207,273	12
Tana River	38,694	0	38,694	128,426	3
Sub-Total	83,040	563	83,603	1,829,191	22
3. Eastern Province			0		
Embu	2,714	0	2,714	370,138	132
Isiolo	25,605	0	25,605	70,078	3
Kitui	29,389	0	29,389	652,603	22
Machakos	14,178	5	14,183	1,402,002	100
Marshabit	73,952	4,126	78,078	129,262	2
Meru	9,922	0	9,922	1,144,594	116
Sub-Total	155,760	4,131	159,891	3,768,677	24
4. North Eastern Province			0		
Garissa	43,931	0	43,931	124,835	3
Manbera	26,470	0	26,470	123,787	5
Wajir	56,501	0	56,501	122,769	2
Sub-Total	126,902	0	126,902	371,391	3
5. Nyanza Province			0		
Kisii	2,196	0	2,196	1,137,054	517
Kisumu	2,093	567	2,660	664,086	320
Siaya	2,523	1,005	3,528	639,439	253
South Nyanza	5,714	2,064	7,778	1,066,583	187
Sub-Total	12,526	3,636	16,162	3,507,162	280
6. Rift Valley Province			0		
Baringo	10,627	163	10,790	347,990	32
E. Marakwet	2,722	0	2,722	216,487	71
Kajiado	20,963	142	21,105	258,659	12
Kericho	4,890	0	4,890	900,934	182
Laikipia	9,718	0	9,718	218,957	24
Nakuru	7,024	176	7,200	849,096	118
Nandi	2,745	0	2,745	433,613	156
Narok	18,513	0	18,513	398,272	22
Samburu	20,809	0	20,809	108,884	5
Trans-Nzoia	2,468	0	2,468	393,682	160
Turkana	61,769	2,279	64,048	184,060	3
Uasin Gishu	3,784	0	3,784	445,530	138
West Pokot	5,076	0	5,076	225,449	25
Sub-Total	171,108	2,760	173,868	4,981,613	27
7. Western Province					
Bungama	3,074	0	3,074	679,146	221
Busia	1,629	137	1,766	401,658	243
Kakamega	3,520	0	3,520	1,463,525	411
Sub-Total	8,223	137	8,360	2,544,329	307
Total	571,416	11,230	582,646	21,443,636	37

Source: Population Census 1989, 1994 Central Bureau of Statistics

Table K.1.2-3 Population by Sex and District

	Population			No. of Households	Family Size
	Male	Female	Total		
Nairobi	930,955	862,950	1,793,905	479,167	3.74
1. Central Province					
Kiambu	532,462	595,119	1,127,581	234,164	4.82
Kirinyaga	198,523	227,981	426,504	83,614	5.10
Muranga	472,815	495,442	968,257	164,747	5.88
Nyandarua	178,819	206,081	384,900	66,983	5.75
Nyeri	324,660	378,968	703,628	133,558	5.27
Sub-Total	1,707,279	1,903,591	3,610,870	683,066	5.29
2. Coastal Province					
Kilifi	332,803	379,890	712,693	115,208	6.19
Kwale	221,115	237,815	458,930	79,100	5.80
Lamu	34,151	37,077	71,228	15,260	4.67
Mombasa	279,254	253,393	532,647	121,578	4.38
Taita-Taveta	113,577	120,242	233,819	55,426	4.22
Tana River	77,588	83,235	160,823	25,637	6.27
Sub-Total	1,058,488	1,111,652	2,170,140	412,209	5.26
3. Eastern Province					
Embu	204,621	230,315	434,936	72,974	5.96
Isiolo	46,099	42,708	88,807	16,762	5.30
Kitui	367,669	405,951	773,620	151,464	5.11
Machakos	474,335	442,461	916,796	164,193	5.58
Marshabit	77,208	77,701	154,909	25,478	6.08
Meru	489,552	529,579	1,019,131	171,219	5.95
Makueni	366,654	362,557	729,211	116,697	6.25
Tharaka Nithi	196,520	185,455	381,975	61,544	6.21
Sub-Total	2,222,658	2,276,727	4,499,385	780,331	5.77
4. North Eastern Province					
Garissa	113,476	100,616	214,092	37,202	5.75
Manbera	111,291	103,399	214,690	32,265	6.65
Wajir	106,214	102,391	208,605	35,167	5.93
Sub-Total	330,981	306,406	637,387	104,634	6.09
5. Nyanza Province					
Kisii	504,027	491,429	995,456	174,084	5.72
Kisumu	401,840	431,006	832,846	169,458	4.91
Siaya	330,209	392,596	722,805	166,262	4.35
Homa Bay	374,110	402,356	776,466	174,802	4.44
Migori	331,668	318,944	650,612	122,443	5.31
Nyamira	256,759	260,874	517,633	90,930	5.69
Sub-Total	2,198,613	2,297,205	4,495,818	897,979	5.01
6. Rift Valley Province					
Baringo	186,564	168,326	354,890	69,238	5.13
E. Marakwet	129,999	129,431	259,430	48,419	5.36
Kajiado	161,901	154,918	316,819	67,659	4.68
Kericho	331,656	346,353	678,009	121,789	5.57
Laikipia	126,021	149,331	275,352	47,592	5.79
Nakuru	531,709	527,030	1,058,739	245,521	4.31
Nandi	264,503	275,216	539,719	93,468	5.77
Narok	230,796	285,596	516,392	92,094	5.61
Bomet	245,483	222,703	468,186	78,815	5.94
Samburu	70,256	63,953	134,209	26,434	5.08
Trans-Nzoia	261,087	229,565	490,652	86,101	5.70
Turkana	101,917	97,995	199,912	28,561	7.00
Uasin Gishu	288,035	276,271	564,306	108,449	5.20
West Pokot	126,772	129,528	256,300	46,688	5.49
Sub-Total	3,056,699	3,056,216	6,112,915	1,160,828	5.27
7. Western Province					
Bungoma	461,862	457,893	919,755	138,465	6.64
Busia	219,019	247,836	466,855	84,741	5.51
Kakamega	538,709	543,266	1,081,975	198,390	5.45
Vihiga	298,715	335,838	634,553	109,711	5.78
Sub-Total	1,518,305	1,584,833	3,103,138	531,307	5.84
Rural	10,927,689	11,365,203	22,292,892	4,012,955	5.56
Urban	2,096,289	2,034,378	4,130,667	1,036,567	3.98
Total	13,023,978	13,399,580	26,423,558	5,049,521	5.23

Source: Welfare Monitoring Survey II, May 1996

Table K.1.2-3.1 Distribution of Household Heads by Sex and District

	Sex of Household Head		No. of Households
	Male (%)	Female (%)	
Nairobi	83.3	16.7	479,167
1. Central Province			
Kiambu	83.3	16.7	234,164
Kirinyaga	76.4	23.6	83,614
Muranga	82.3	17.7	164,747
Nyandarua	74.6	25.4	66,983
Nyeri	72.2	27.8	133,558
Sub-Total	79.2	20.8	683,066
2. Coastal Province			
Kilifi	85.6	14.4	115,208
Kwale	78.6	21.4	79,100
Lamu	78.8	21.2	15,260
Mombasa	81.0	19.0	121,578
Taita-Taveta	61.7	38.3	55,426
Tana River	77.1	22.9	25,637
Sub-Total	78.9	21.1	412,209
3. Eastern Province			
Embu	75.1	24.9	72,974
Isiolo	85.1	14.9	16,762
Kitui	71.0	29.0	151,464
Machakos	68.8	31.2	164,193
Marshabit	81.2	18.8	25,478
Meru	83.7	16.3	171,219
Nakueni	81.7	18.3	116,697
Tharaka Nithi	95.0	5.0	61,544
Sub-Total	77.8	22.2	780,331
4. North Eastern Province			
Garissa	79.3	20.7	37,202
Manbera	82.6	17.4	32,265
Wajir	77.1	22.9	35,167
Sub-Total	79.6	20.4	104,634
5. Nyanza Province			
Kisii	73.6	26.4	174,084
Kisumu	64.2	35.8	169,458
Siaya	54.5	45.5	166,262
Homa Bay	61.0	39.0	174,802
Nigori	68.8	31.2	122,443
Nyamira	75.3	24.7	90,930
Sub-Total	65.4	34.6	897,979
6. Rift Valley Province			
Baringo	82.4	17.6	69,238
E. Marakwet	78.9	21.1	48,419
Kajiado	82.3	17.7	67,659
Kericho	74.9	25.1	121,789
Laikipia	79.3	20.7	47,592
Nakuru	76.0	24.0	245,521
Nandi	76.8	23.2	93,468
Narok	81.6	18.4	92,094
Bomet	80.4	19.6	78,815
Samburu	69.4	30.6	26,434
Trans-Nzoia	78.6	21.4	86,101
Turkana	83.2	16.8	28,561
Uasin Gishu	82.1	17.9	108,449
West Pokot	83.8	16.2	46,688
Sub-Total	78.8	21.2	1,160,828
7. Western Province			
Bungoma	79.8	20.2	138,465
Busia	60.8	39.2	84,741
Kakamega	62.1	37.9	198,390
Vihiga	61.6	38.4	109,711
Sub-Total	66.4	33.6	531,307
Rural	73.8	26.2	4,012,955
Urban	81.8	18.2	1,036,567
Total	75.5	24.5	5,049,521

Source: Welfare Monitoring Survey II, May 1996

Table K.1.2-4 Population Projection: Medium Fertility

	(unit:1,000)			
	1997	1998	1999	2000
Nairobi	2,009	2,086	2,164	2,243
1. Central Province				
Kiambu	1,209	1,234	1,259	1,283
Kirinyaga	469	477	484	491
Muranga	1,023	1,038	1,052	1,066
Nyandarua	417	426	435	444
Nyeri	735	744	752	760
Sub-Total	3,853	3,919	3,982	4,044
2. Coastal Province				
Kilifi	767	784	801	817
Kwale	491	501	510	519
Lamu	76	78	80	82
Mombasa	600	612	625	637
Taita-Taveta	244	249	253	257
Tana River	175	180	184	188
Sub-Total	2,353	2,404	2,453	2,500
3. Eastern Province				
Embu	469	480	490	500
Isiolo	98	101	105	108
Kitui	839	859	878	897
Machakos	1,795	1,834	1,872	1,909
Marshabit	164	167	170	173
Meru	1,517	1,553	1,589	1,624
Sub-Total	4,882	4,994	5,104	5,211
4. North Eastern Province				
Garissa	231	236	241	246
Manbera	240	248	257	266
Wajir	221	224	227	230
Sub-Total	692	708	725	742
5. Nyanza Province				
Kisii	1,713	1,753	1,792	1,831
Kisumu	919	939	958	977
Siaya	763	771	779	786
South Nyanza	1,588	1,624	1,659	1,693
Sub-Total		5,087	5,188	5,287
6. Rift Valley Province				
Baringo	387	397	407	416
E. Marakwet	285	293	300	307
Kajiado	366	381	396	411
Kericho	1,297	1,336	1,375	1,414
Laikipia	313	325	337	349
Nakuru	1,191	1,240	1,283	1,327
Nandi	596	613	630	647
Narok	576	602	628	655
Samburu	145	148	152	155
Trans-Nzoia	551	569	587	604
Turkana	204	205	206	206
Uasin Gishu	623	642	661	680
West Pokot	297	304	311	318
Sub-Total	6,831	7,055	7,273	7,489
7. Western Province				
Bungoma	1,014	1,045	1,076	1,108
Busia	502	512	522	532
Kakamega	1,887	1,935	1,983	2,031
Sub-Total	3,403	3,492	3,581	3,671
Total	29,010	29,746	30,473	31,189

Source: Population Dynamics of Kenya Apr. 1996

Table K.1.2-5 Population Projection by District

	1989	1997	1999	2001
Nyeri	607,110	729,595	763,841	799,694
Kirinyaga	391,512	492,942	522,166	553,123
Embu	233,187	298,342	317,297	337,458
Mbeere	136,950	175,219	186,348	198,187
Tharaka Nithi	257,887	325,770	345,368	366,145
Meru	430,280	540,166	571,769	605,222
Nyambene	459,947	591,760	630,238	671,219
Total	2,516,873	3,153,794	3,337,027	3,531,048

Source: District Development Plan 1997-2001

Table K.1.2-6 Distribution of Wage Employment by Major Town (1994)

Province/Town	less than 2,000	2,000~3,999	4,000~5,999	6,000~7,999	8,000~9,999	10,000~14,999	15,000~19,999	20,000~24,999	25,000~29,999	Above 30,000	Total
Nairobi	38	175	21,548	86,227	99,354	32,104	56,337	85,988	11,642	393,413	
Central											
Thika	129	602	859	1,831	10,177	2,400	3,017	2,913	2,530	24,458	
Nyeri	316	413	577	1,043	1,333	905	1,029	2,246	1,260	9,122	
Muranga	121	598	262	110	1,215	274	359	657	321	3,917	
Nyahururu	149	334	173	113	228	311	559	931	841	3,639	
Sub-Total	715	1,947	1,871	3,097	12,953	3,890	4,964	6,747	4,952	41,136	
Coast											
Malindi	306	581	619	404	1,898	1,098	1,559	2,599	1,323	10,387	
Monbasa	173	426	6,205	7,634	53,999	23,760	16,541	21,636	11,662	142,036	
Voi	116	195	100	74	80	209	189	360	212	1,535	
Sub-Total	595	1,202	6,924	8,112	55,977	25,067	18,289	24,595	13,197	153,958	
Eastern											
Embu	165	280	341	249	754	699	790	1,237	654	5,169	
Machakos	139	347	268	222	466	666	928	1,027	546	4,609	
Athi River	204	293	310	76	454	161	536	118	125	2,277	
Meru	104	444	239	149	399	381	473	649	490	3,328	
Sub-Total	612	1,364	1,158	696	2,073	1,907	2,727	3,031	1,815	15,383	
Nyanza											
Kisii	16	326	363	190	1,299	650	1,610	1,586	821	6,861	
Kisumu	70	202	81	32,275	59	164	206	337	327	33,721	
Sub-Total	86	528	444	32,465	1,358	814	1,816	1,923	1,148	40,582	
Rift Valley											
Kericho	67	638	546	514	22,196	1,337	1,447	1,218	957	28,920	
Nanyuki	129	364	397	295	370	421	645	510	451	3,582	
Nakuru	185	338	1,574	2,094	8,273	6,337	3,763	4,957	515	28,036	
Naivasha	129	336	249	121	227	215	370	550	300	2,497	
Kitale	376	698	634	569	1,008	1,556	1,310	963	33	7,137	
Eldore	69	93	1,597	1,467	10,474	4,484	2,540	2,468	65	23,257	
Sub-Total	955	2,457	4,997	5,060	42,548	14,350	10,075	10,666	2,321	93,429	
Western											
Webuye	144	423	155	173	202	283	388	736	380	2,884	
Kakamega	131	662	304	222	495	1,769	1,094	1,307	745	6,729	
Sub-Total	275	1,085	459	395	697	2,052	1,482	2,043	1,125	9,613	
Total	3,276	8,758	37,401	136,052	214,960	80,184	95,690	134,993	36,290	747,514	

Source: Statistical Abstract 1995

Table K.1.2-7 Mean Monthly Household Income from Different Sources

(unit:Ksh/household/month)

	Non-Agricultural Income			Agricultural Income			Total Household Income
	Wages/Salaries/Profits	Other Non-Agri. income	Sub-Total	Income	Crops Income	Sub-Total	
	Whole Country	4,941.1	1,497.2	6,438.3	2,108.4	1,149.3	
Rural	3,307.3	1,249.6	4,556.9	2,533.5	1,417.7	3,951.2	8,508.0
Urban	11,266.1	2,455.8	13,721.9	462.8	110.5	573.3	14,295.2
Nairobi	13,556.5	2,794.8	16,351.3	435.7	2.4	438.1	16,789.4
Central	4,489.4	1,571.0	6,060.4	1,603.8	1,602.5	3,206.3	9,266.7
Coast	6,034.1	1,624.5	7,658.6	1,028.4	1,205.8	2,234.2	9,892.7
Eastern	3,045.5	1,138.0	4,183.5	1,811.5	576.8	2,388.3	6,571.8
North Eastern	3,283.0	1,926.2	5,209.2	4,677.7	44.0	4,721.7	9,931.0
Nyanza	2,920.1	1,456.9	4,377.0	1,720.9	651.6	2,372.5	6,749.6
Rift Valley	4,862.5	1,262.0	6,124.5	3,891.8	2,225.0	6,116.8	12,241.3
Western	3,601.9	1,158.2	4,760.1	1,792.2	1,107.0	2,899.2	7,659.2
Kirinyaga	2,546.7	1,236.7	3,783.4	1,200.8	1,001.6	2,202.4	5,985.8
Nyeri	3,447.8	980.8	4,428.6	1,714.1	755.4	2,469.5	6,898.1
Embu	4,221.2	1,416.7	5,637.9	1,752.0	605.0	2,357.0	7,994.9
Meru	4,537.1	1,114.6	5,651.7	2,296.4	1,372.6	3,669.0	9,320.7
Tharaka Nithi	1,299.0	323.2	1,622.2	1,799.1	834.2	2,633.3	4,255.5

Source: Welfare Monitoring Survey II 1996

Table K.1.2-8 Share of Monthly Household Income

(unit:%)

	Non-Agri. Income			Agricultural Income			Total
	Wages Share	Other Non-Agri. Share	Sub-Total	Agriculture Share	Crop Share	Sub-Total	
	Whole Country	51.0	19.1	70.1	23.9	6.0	
Rural	43.8	19.4	63.2	29.4	7.4	36.8	100.0
Urban	78.7	18.0	96.7	2.8	0.5	3.3	100.0
Nairobi	81.0	16.5	97.5	2.4	0.1	2.5	100.0
Central	55.0	19.2	74.2	18.6	7.2	25.8	100.0
Coast	61.1	23.7	84.8	11.7	3.5	15.2	100.0
Eastern	45.2	17.3	62.5	30.0	7.5	37.5	100.0
North eastern	36.7	19.7	56.4	43.1	0.5	43.6	100.0
Nyanza	40.7	25.2	65.9	27.2	6.9	34.1	100.0
Rift Valley	49.5	14.1	63.6	29.4	7.0	36.4	100.0
Western	42.0	21.3	63.3	29.9	6.8	36.7	100.0
Kirinyaga	48.2	20.1	68.3	19.2	12.5	31.7	100.0
Nyeri	53.8	16.1	69.9	24.1	6.0	30.1	100.0
Embu	50.0	17.8	67.8	24.3	7.9	32.2	100.0
Meru	40.3	14.8	55.1	32.0	12.9	44.9	100.0
Tharaka Nithi	29.6	5.5	35.1	41.5	23.4	64.9	100.0

Source: Welfare Monitoring Survey II 1996

Table K.1.2-9 Annual per Capita Income and Expenditure

(unit:Ksh)

	Per Capita Income	Per Capita Expenditure
Whole Country	27,403.0	21,961.2
Rural	21,305.4	16,196.5
Urban	51,009.5	44,278.8
Nairobi	62,565.5	62,661.1
Central	22,262.1	16,027.5
Coast	32,547.8	21,874.2
Eastern	16,809.6	13,609.2
North Eastern	25,504.2	24,367.6
Nyanza	19,666.4	17,974.8
Rift Valley	30,585.6	20,929.6
Western	20,364.3	13,735.7
Kirinyaga	16,078.1	16,548.8
Nyeri	16,034.5	15,858.7
Embu	17,997.1	12,887.8
Meru	19,499.6	15,016.4
Tharaka Nithi	9,880.9	15,174.4

Source: Welfare Monitoring Survey II 1996

Table K.1.2-10 District Agricultural Income and Its Composition

	Crops		Livestock		Total		Composition (%)	
	Value	(%)	Value	(%)	Value	(%)	Crops	Livestock
	(1,000 Ksh)		(1,000 Ksh)		(1,000 Ksh)		Total	
Embu	1,759,900	16.0	114,633	1.9	1,874,533	11.0	93.9	6.1
Nyanbene	1,134,457	10.3	117,116	2.0	1,251,573	7.4	90.6	9.4
Kirinyaga	1,912,520	17.4	487,615	8.1	2,400,135	14.1	79.7	20.3
Meru	1,384,446	12.6	446,772	7.5	1,831,218	10.8	75.6	24.4
Nyeri	3,674,000	33.4	4,459,400	74.5	8,133,400	47.9	45.2	54.8
Mbeere	599,900	5.5	232,500	3.9	832,400	4.9	72.1	27.9
Tharaka Niti	528,663	4.8	130,666	2.2	659,329	3.9	80.2	19.8
Total	10,993,886	100.0	5,988,702	100.0	16,982,588	100.0	64.7	35.3

Source: District Development Plan 1997-2001 for each district

Table K.1.2-11 Monthly Household Income

	Monthly Agricultural Household's Income from Sale of Crops										Total	Total						
	Non-Agricultural					Agricultural							Total	Total				
	Cash	Maize	Wheat	Cereals	Vegetables	Beans	Root	Crops	Sugarcane	Fruits					Other	Total	Total	
Whole Country	6,438.3	363.4	186.3	14.3	169.1	49.0	67.9	61.3	23.5	74.3	1,149.4	974.3	1,089.4	13.3	21.5	3,257.9	9,696.2	
Rural	4,556.9	440.0	206.6	18.0	208.4	59.7	83.7	77.2	29.2	93.3	1,417.7	1,190.3	1,307.2	16.6	19.3	3,951.1	8,508.0	
Urban	1,871.4	66.6	10.3	0.1	16.9	7.6	6.6	0.2	1.4	0.6	110.5	138.0	294.7	0.3	29.8	573.3	14,295.2	
Nairobi	16,351.3	1.1	0.0	0.0	0.0	0.6	0.5	0.0	0.3	0.0	2.5	4.3	388.8	0.6	44.0	438.2	16,789.5	
Central	6,060.5	87.6	246.8	16.2	150	1,004.7	17.5	199.2	0.1	14.9	0.7	1,602.7	939.5	641.7	6.5	16.3	3,206.7	9,267.2
Coast	7,658.6	12.7	25.3	0.0	3.6	7.4	13.8	121.5	0.6	171.9	849.1	1,205.9	583.0	420.8	4.1	20.5	2,234.3	9,892.9
Eastern	4,183.5	81.9	271.9	9.4	16.0	32.6	95.4	25.8	26.1	15.7	1.9	576.7	734.0	1,035.3	23.8	18.5	2,388.3	6,571.8
North eastern	5,209.2	36.7	0.0	0.0	6.6	0.0	0.1	0.0	0.0	0.7	0.0	44.1	174.0	4,492.2	6.1	5.3	4,721.7	9,930.9
Nyanza	4,377.0	174.0	83.8	0.1	37.4	80.8	57.4	32.4	149.7	16.1	20.0	651.7	909.3	788.1	10.0	13.3	2,372.4	6,749.4
Rift Valley	6,124.5	1,250.0	83.2	64*	46.1	67.5	77.6	9.7	3.5	0.7	2,225.1	1,897.9	1,953.7	23.0	27.2	6,116.9	12,241.4	
Western	4,760.0	177.5	520.7	1.9	11.9	24.3	47.4	32.4	269.9	12.7	8.3	1,107.0	821.9	942.3	10.8	17.3	2,899.3	7,659.3
Kirinyaga	3,783.4	344.1	375.0	0.0	110.4	100.9	30.8	12.0	0.5	27.9	0.0	1,001.8	747.3	439.7	3.4	10.8	2,202.8	5,986.2
Nyeri	4,428.6	42.6	91.9	10.5	0.0	65.4	39.4	491.7	0.3	13.5	0.0	755.3	996.7	674.0	6.4	36.9	2,469.3	6,897.9
Embu	5,637.9	46.1	328.1	0.3	4.8	12.1	186.9	12.8	1.7	8.6	3.4	604.8	1,013.5	643.2	32.2	63.3	2,357.0	7,994.9
Meru	5,651.7	102.9	687.3	42.8	16.2	78.6	212.6	97.9	89.8	31.8	6.8	1,372.7	1,121.7	1,147.3	7.5	20.0	3,669.2	9,320.9
Tharaka Nithi	1,622.2	127.4	520.4	0.0	83.1	0.0	85.9	1.5	0.0	14.2	1.6	834.1	853.3	943.3	1.6	0.9	2,533.2	4,255.4
Average	4,224.8	132.6	400.5	10.7	42.9	52.6	111.1	123.2	18.5	19.2	2.4	913.7	946.5	769.5	10.2	26.4	2,666.3	6,891.1

Source: Welfare Monitoring Survey II 1986

Table K.1.2-12 Monthly Household Expenditure (unit:Ksh)

	Food Expenditures										Non-Food Expenditures	Total Expenditures
	Cereal & Meat & Its Products	Oils	Vegetable/Fruits	Roots	Sugar	Tea	Other Food	Purchased Food	Sub-Total	Foos		
Whole Country	2,176.4	1,021.4	253.9	657.4	214.4	401.7	122.5	85.0	3,716.3	4,932.7	2,460.4	7,393.1
Rural	2,316.2	886.6	207.2	561.6	204.9	378.0	103.2	86.7	3,266.2	4,744.4	1,620.5	6,364.9
Urban	1,635.2	1,543.4	434.8	1,028.3	250.9	493.1	197.5	78.2	5,458.8	5,661.3	5,721.2	11,382.5
Nairobi	1,707.0	1,823.0	550.0	1,324.8	279.9	628.1	276.6	79.7	6,591.5	6,669.3	8,406.5	15,075.8
Central	1,896.1	807.4	286.2	710.4	479.8	356.2	131.8	57.5	3,615.4	4,725.4	1,884.0	6,609.4
Coast	2,324.2	1,028.4	268.6	718.9	192.0	414.4	95.9	338.9	4,694.1	5,381.2	1,947.6	7,328.8
Eastern	1,672.2	677.7	175.1	731.8	138.3	280.2	88.2	20.4	2,824.7	3,783.8	1,676.5	5,460.3
North Eastern	1,973.0	2,171.6	433.7	346.8	54.6	1,437.2	388.8	91.9	5,634.5	6,897.6	2,830.0	9,727.6
Nyanza	2,284.9	870.0	238.4	392.4	123.2	358.0	75.9	65.0	3,378.5	4,408.0	1,650.3	6,058.3
Rift Valley	2,904.8	1,162.1	203.3	532.8	170.8	352.6	107.4	42.2	3,111.7	5,476.1	2,109.6	7,585.7
Western	1,851.3	794.8	151.1	611.7	223.8	401.4	101.9	148.7	3,317.7	4,284.9	1,451.1	5,736.0
Kirinyaga	2,523.0	598.6	270.2	800.7	129.2	298.8	95.4	31.7	3,876.9	4,747.6	1,576.6	6,324.2
Nyeri	1,870.2	906.8	259.8	818.6	832.7	370.8	158.4	20.8	4,028.9	5,238.2	1,366.1	6,604.3
Embu	1,459.3	679.1	164.1	857.6	183.6	321.7	88.8	52.8	2,599.4	3,807.1	1,574.5	5,381.6
Meru	1,554.9	1,051.5	186.8	905.8	356.8	244.2	108.7	8.9	2,890.9	4,417.7	2,602.1	7,019.8
Tharaka Nithi	2,585.2	778.4	261.9	858.6	53.6	469.7	134.2	30.2	3,965.7	5,171.8	1,677.0	6,848.8

Source: Welfare Monitoring Survey II 1996

Table K.1.2-13 Mean Monthly Household Expenditure and Income (unit:Ksh/family/month)

	Expenditure				Income	Balance
	Education	Meical Care	Food	Durable		
Kirinyaga	176.0	315.4	4,000.3	78.2	5,985.8	-338.4
Nyeri	204.7	97.5	4,241.5	44.6	6,898.1	293.8
Embu	216.6	231.9	2,793.6	27.8	7,994.9	2,613.2
Meru	188.9	294.0	3,296.0	37.9	9,320.7	2,300.8
Tharaka Nithi	236.6	351.6	4,318.4	11.0	4,255.5	-2,593.3
National Level	215.0	249.5	3,554.1	60.1	8,508.0	2,143.1
Rural	408.6	725.0	5,523.3	391.5	14,295.2	2,921.6
Urban	254.8	347.1	3,958.3	128.2	9,696.0	2,302.9
Total	215.0	249.5	3,554.1	60.1	8,508.0	2,143.1

Source: Welfare Monitoring Survey II 1996

Table K.1.2-14 Number of Absolute Poor Population by District

DISTRICT	Head Count Adult Equivalent P α =0		Number of Absolute Poor Persons P α =0		Number of Absolute Poor Households P α =0	
	1994	1997	1994	1997	1994	1997
	Central Rural	1,066,197	1,138,927	1,047,215	1,118,745	165,545
Kiambu	290,803	313,529	288,512	311,059	53,064	61,658
Kirinyaga	144,196	158,591	141,264	155,366	22,087	23,184
Muranga	349,169	368,578	344,727	363,889	47,722	48,978
Nyandarua	113,836	123,153	111,412	120,530	17,129	19,515
Nyeri	168,193	175,076	161,300	167,901	25,543	27,838
Coast Rural	846,991	909,017	848,595	910,746	114,759	130,951
Kilifi	430,896	465,518	430,188	464,753	53,088	63,764
Kwale	182,021	194,673	186,364	199,319	24,566	24,950
Lamu	16,262	17,216	16,136	17,081	2,569	3,748
Taita-Taveta	110,739	115,160	109,580	113,955	20,875	22,133
Tana River	107,073	116,450	106,327	115,638	13,661	16,356
Eastern Rural	2,446,869	2,620,032	2,440,404	2,613,617	364,902	386,302
Embu	239,959	258,174	235,836	253,738	33,899	39,449
Isiolo	58,068	64,197	58,132	64,268	8,749	12,256
Kitui	417,765	452,978	416,552	451,662	65,171	66,475
Machakos	592,489	664,633	601,801	675,079	98,725	104,620
Marsabit	119,139	125,486	119,004	125,344	18,580	20,863
Meru	299,078	327,805	294,100	322,348	40,903	42,947
Makueni	547,048	545,401	545,825	544,182	77,553	78,091
Tharaka Nithi	173,323	181,358	169,154	176,996	21,322	21,601
North Eastern Rural	311,182	338,174	307,383	333,971	41,408	50,401
Garissa	77,072	82,724	77,216	82,878	10,614	15,420
Mandera	121,535	136,410	118,659	133,182	15,237	18,628
Wajir	112,575	119,040	111,508	117,911	15,557	16,353
Nyanza Rural	1,763,240	1,963,723	1,761,525	1,962,410	298,993	321,874
Kisii	302,148	341,888	306,547	346,868	44,875	46,304
Kisumu	300,621	333,525	299,916	332,743	54,595	70,187
Siaya	336,120	354,697	338,557	357,268	68,096	68,172
Homa Bay	345,361	418,146	346,012	418,935	59,821	64,418
Migori	215,615	216,185	209,731	210,285	32,978	34,194
Nyamira	263,377	299,282	260,762	296,311	38,628	38,599
Rift Valley Rural	2,354,829	2,647,805	2,337,910	2,629,032	352,654	401,136
Kajiado	61,263	71,838	60,936	71,455	9,471	11,964
Kericho	394,956	459,023	394,227	458,176	56,236	57,067
Lailipia	111,589	127,414	109,433	124,953	15,213	17,548
Nakuru	308,903	358,328	307,890	357,153	54,670	71,605
Nandi	216,827	239,510	215,580	238,132	32,996	34,158
Narok	131,994	147,412	130,835	146,117	20,105	21,695
Bomet	212,580	231,533	214,453	233,573	31,839	32,386
Baringo	139,666	152,277	136,206	148,504	20,765	21,620
Elgeyo Marakwet	69,869	76,757	69,330	76,165	11,348	11,392
Samburu	109,272	118,003	108,545	117,217	19,292	20,164
Trans Nzoia	216,487	244,684	209,311	236,573	28,071	33,666
Turkana	116,890	118,428	115,305	116,823	15,115	19,500
Uasin Gishu	143,865	162,535	142,107	160,548	18,237	28,599
West Pokot	120,668	140,063	123,752	143,643	19,296	19,772
Western Rural	1,572,906	1,730,039	1,575,820	1,733,364	242,662	257,963
Bungoma	451,363	503,328	449,590	501,351	60,834	71,026
Busia	257,337	276,602	256,605	275,816	44,022	44,669
Kakamega	528,692	594,824	533,984	600,778	82,880	87,752
Vihiga	335,514	355,285	335,641	355,419	54,926	54,516
TOTAL RURAL	10,362,214	11,347,717	10,318,852	11,301,885	1,580,923	1,729,800

Table K.1.2-15 Distribution of Urban Poor Population by Selected Major Towns

PROVINCE/ TOWN	Head Count Adult Equivalent $P_{\alpha=0}$		Number of Absolute Poor Persons $P_{\alpha=0}$		Number of Absolute Poor Households $P_{\alpha=0}$	
	1994	1997	1994	1997	1994	1997
	(a) FOOD POOR					
Total	1,208,218	1,322,536	1,208,187	1,322,442	226,495	249,434
Nairobi	489,019	545,445	498,167	555,650	103,452	115,843
Mombasa	176,413	198,720	169,115	190,500	26,164	27,995
Kisumu	84,652	91,712	84,383	91,420	12,943	17,782
Nakuru	79,927	80,766	80,830	81,678	15,972	15,779
Other Urban	378,207	405,893	375,692	403,194	67,964	72,035
(b) ABSOLUTE POOR						
Total	1,198,731	1,312,372	1,211,260	1,325,818	231,034	254,931
Nairobi	464,621	518,233	476,999	532,039	99,523	111,444
Mombasa	176,519	198,840	169,968	191,460	28,680	30,688
Kisumu	91,679	99,325	92,447	100,157	14,976	20,575
Nakuru	64,513	65,191	67,373	68,080	12,407	12,257
Other Urban	401,399	430,783	404,473	434,082	75,448	79,967
(c) HARD CORE POOR						
Total	417,568	454,554	431,016	471,283	71,300	78,934
Nairobi	167,192	184,484	173,650	193,687	29,660	33,213
Mombasa	40,268	45,360	42,505	47,880	6,723	7,194
Kisumu	37,612	40,749	37,862	41,020	5,657	7,772
Nakuru	18,531	18,725	20,100	20,311	3,571	3,528
Other Urban	153,965	165,236	156,899	168,385	25,689	27,227

Source: Economic Survey 1997

Table K.1.2-16 Urban Population

Urban Center	1979	1989	Change (%)
Nairobi	827,775	1,346,000	4.98
Mombasa	341,148	465,000	3.15
Kisumu	152,643	185,100	1.95
Nakuru	92,851	162,800	5.78
Machakos	84,230	116,100	3.26
Eldoret	50,503	104,900	7.58
Nyeri	35,753	88,600	9.50
Meru	70,439	781,000	27.20
Thika	41,324	57,100	3.29
Kitale	28,327	53,000	6.47
Kakamega	32,025	47,300	3.98
Kisii	29,661	44,000	4.02
Kericho	29,603	40,000	3.06
Malindi	23,275	35,200	4.22
Bungoma	25,161	29,100	1.47

Source: fact Book 1997/98

Table K.1.2-17 Land Holding

	Landless	Landless with Animals	Holding Area(ha)												(unit:%)
			0.01	0.6	1.0	2.0	3.0	4.0	5.0	7.99	8.0 and Above				
Whole Country	25.0	3.9	16.9	15.1	18.0	9.5	2.7	3.4	1.9	3.4	3.4	1.9	3.4	3.4	
Rural	9.1	4.5	20.1	18.5	22.3	11.5	3.3	4.1	2.4	4.1	4.1	2.4	4.2	4.2	
Urban	87.5	1.5	4.5	1.9	1.3	1.7	0.2	0.7	0.3	0.7	0.7	0.3	0.4	0.4	
Nairobi	95.6	0.6	2.4	-	-	0.7	-	0.3	0.3	-	0.3	0.3	-	-	
Central	23.8	3.6	37.1	15.6	12.6	4.7	0.9	0.9	0.4	0.9	0.9	0.4	0.5	0.5	
Coast	46.4	3.0	7.6	10.0	14.8	7.7	2.8	4.8	1.1	4.8	4.8	1.1	1.7	1.7	
Eastern	7.6	3.9	15.2	19.8	20.6	13.0	4.4	6.7	2.9	6.7	6.7	2.9	5.9	5.9	
North Eastern	18.2	55.7	3.9	6.0	8.4	3.3	0.5	1.8	1.4	1.8	1.8	1.4	0.6	0.6	
Nyanza	10.1	0.5	13.3	20.0	30.7	12.8	3.1	2.6	1.9	3.1	3.1	1.9	5.1	5.1	
Rift Valley	21.6	5.2	15.8	14.3	16.4	10.7	3.3	4.5	2.8	3.3	4.5	2.8	5.3	5.3	
Western	6.8	0.7	24.3	20.7	24.1	13.1	3.0	2.9	3.0	3.0	2.9	3.0	1.3	1.3	
Kirinyaga	18.8	3.0	37.6	22.0	12.1	5.7	0.5	-	0.4	0.5	-	0.4	-	-	
Nyeri	20.0	2.9	39.4	18.8	12.2	4.2	0.9	1.2	0.4	0.9	1.2	0.4	-	-	
Embu	15.7	0.3	21.3	26.7	18.9	8.1	0.7	5.8	-	0.7	5.8	-	2.6	2.6	
Meru	3.5	0.4	24.8	30.7	25.0	11.6	2.9	0.4	0.1	2.9	0.4	0.1	0.7	0.7	
Tharaka Nithi	0.2	1.1	24.1	21.3	37.0	11.1	-	3.8	1.4	-	3.8	1.4	-	-	

Source: Welfare Monitoring Survey II 1996

Table K.1.2-18 Land Titled Smallholders

	(unit: 1,000 ha)		
	1956~1970	~1980	~1990
1. Central Province			
Muranga	153.9	153.9	153.9
Kiambu	96.4	96.4	96.4
Kirinyaga	79.6	89.1	89.1
Nyeri	76.6	77.0	77.0
Sub-Total	406.5	416.4	416.4
2. Coastal Province			
kilifi	-	120.4	131.2
Kwale	-	163.7	211.1
Taita-Taveta	8.3	28.6	56.1
Sub-Total	8.3	312.7	398.4
3. Eastern Province			
Embu	60.7	95.9	116.0
Kitui	-	48.4	120.7
Machakos	45.2	155.6	217.6
Meru	107.9	127.7	146.7
Sub-Total	213.8	427.6	601.0
4. Nyanza Province			
Kisumu	5.1	50.5	66.8
Kisii	138.4	217.9	217.9
South Nyanza	62.2	313.1	360.9
Siasa	33.5	166.7	199.0
Sub-Total	239.2	748.2	844.6
5. Rift Valley Province			
Baringo	56.1	114.6	145.3
E. Marakwet	41.9	80.1	83.9
Kajiado	315.8	1,617.9	1,902.8
Kericho	71.7	236.4	273.4
Laikipia	-	27.0	44.6
Nakuru	-	15.6	22.0
Nandi	58.6	132.0	142.1
Narok	6.6	667.2	717.5
Samburu	-	411.8	470.9
West Pokot	-	239.1	305.9
Sub-Total	550.7	3,541.7	4,108.4
6. Western Province			
Bungoma	142.4	228.0	228.0
Busia	70.8	169.8	175.1
Kakamega	171.8	309.2	309.2
Sub-Total	385.0	707.0	712.3
Total	1,803.5	6,153.6	7,081.1

Source: Statistical Abstract 1995, Central Bureau of Statistics

Table K.1.2-19 Land Use of Smallholders by District (1986/87)

(unit:%)

	Annual Crops	Perennial Crops	Grasses	Others	Total
Kilifi	40	47	6	7	100
Kwale	21	64	14	1	100
Taita-Taveta	37	4	20	39	100
Machakos	35	2	17	46	100
Kitui	41	1	17	41	100
Meru	44	23	9	24	100
Embu	45	18	20	17	100
Nyeri	54	13	26	7	100
Muranga	33	18	28	21	100
Kirinyaga	43	26	17	14	100
Kiambu	42	19	13	26	100
Nyandaruma	52	1	19	28	100
Nakuru	78	0	19	3	100
Nandi	78	12	1	9	100
Kericho	65	25	6	4	100
Uasin-Gishu	74	-	3	23	100
Trans-Nzoia	73	1	10	16	100
S. Nyanza	62	8	21	9	100
Kisii	56	21	9	14	100
Kisumu	53	7	13	27	100
Siaya	48	1	33	18	100
Kakamega	52	3	23	22	100
Bunngoma	46	5	35	14	100
Busia	37	3	35	25	100
Average	51	13	17	19	100

Source: Economic Survey 1989

Table K.1.2-20 Employment in Agriculture (1996)

	Small Scale	Large Scale	Total
	Farms	Farms	
Embu	83,889	-	83,889
	100.0	0.0	100.0
Nyanbene	222,767	3,323	226,090
	98.5	1.5	100.0
Kirinyaga	173,261	-	173,261
	100.0	0.0	100.0
Meru	166,028	6,682	172,710
	96.1	3.9	100.0
Nyeri	53,635	12,691	66,326
	80.9	19.1	100.0
Mbeere	68,582	-	68,582
	100.0	0.0	100.0
Tharaka Nithi		NA	
Total	768,162	19,373	790,858
	97.1	2.4	100.0

Source: District Development Plan 1997-2001 in each district

Table K.1.2-21 Composition of Crop Production Value

	(%)		Total
	Cash Crops	Food Crops	
Embu	36.0	64.0	100.0
Nyanbene	76.0	24.0	100.0
Kirinyaga	63.0	37.0	100.0
Meru	95.0	5.0	100.0
Nyeri	65.0	35.0	100.0
Mbeere	59.0	41.0	100.0
Tharaka Nithi	37.0	63.0	100.0

Source: District Development Plan 1997-2001 in each District

Table K.1.2-22 Farm Households Keeping Livestock

	Number	Area(ha)
Embu	43,755	49,600
Nyanbene	83,016	21,200
Kirinyaga	79,662	113,000
Meru	66,619	301,200
Nyeri	135,520	296,400
Mbeere	26,180	209,700
Tharaka Nithi	299,187	231,500

Source: District Development Plan 1997-2001

Table K.1.2-23 Ratio of Farm Households Raising Livestock by Farm Size

(unit.%)

		Farm Size(acre)								Average
		>2.0	2.1-4.0	4.1-6.0	6.1-8.0	8.1-10.0	10.1-15.0	15.1-20.0	20 & above	
Coast	Kilifi	11	10	13	12	20	6	33	33	11
	Kwale	12	12	18	19	30	18	50	64	18
	Taita-Taveta	44	68	33	38	67	44	33	60	47
Eastern	Machakos	10	12	19	23	22	35	10	4	15
	Kitui	28	11	35	31	50	31	-	15	24
	Meru	60	63	83	80	100	100	100	100	65
	Embu	43	68	75	93	35	75	100	100	58
Central	Nyeri	66	91	96	100	100	100	-	100	76
	Muranga	39	57	21	57	50	67	100	100	44
	Kirinyaga	69	87	97	55	100	-	-	-	77
	Kiambu	50	77	83	100	67	100	100	100	58
	Nyandaruma	42	64	86	88	100	95	80	96	72
Rift Valley	Nakuru	28	49	50	100	91	100	100	100	51
	Nandi	43	70	89	88	100	97	100	100	72
	Kericho	51	83	100	100	100	97	87	84	81
	Uasin-Gishu	40	81	93	100	87	88	93	100	74
	Trans-Nzoia	20	53	54	71	64	100	75	100	40
Nyanza	South Nyanza	36	58	54	29	50	29	40	29	41
	Kasii	68	88	95	100	100	100	100	100	78
	Kisumu	27	60	83	46	82	67	100	100	44
	Siaya	40	52	69	76	71	63	-	80	52
Western	Kakamega	49	71	73	86	89	100	100	100	61
	Bungoma	50	74	80	89	100	88	100	100	73
	Busia	27	33	57	43	58	85	92	100	46
Average		40	58	65	68	72	73	80	81	53

Source: Economic Survey 1989

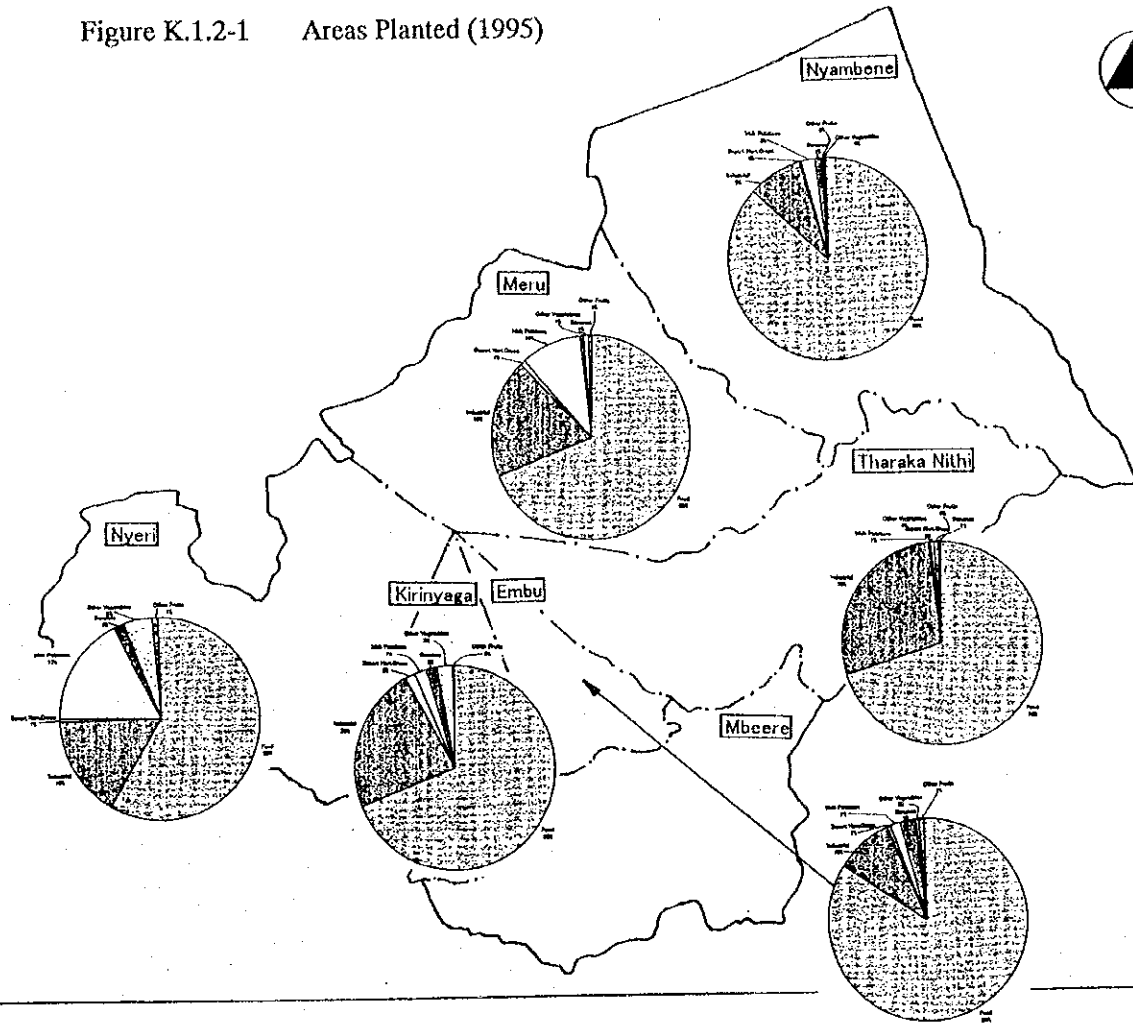
Table K.1.2-24 Distribution of Households with Cattle

(unit.%)

	Holding Cattle Size(head)							
	No Cattle	1 Cattle	2-3 Cattle	4-5 Cattle	6-10 Cattle	11-15 Cattle	16-19 Cattle	20+ Cattle
Whole Country	53.2	10.2	18.0	7.7	5.7	2.0	0.5	2.8
Rural	42.9	12.4	22.0	9.5	6.9	2.4	0.6	3.4
Urban	93.5	1.8	2.1	0.5	1.0	0.5	-	0.6
Nairobi	97.1	1.4	0.9	-	0.3	0.3	-	-
Central	51.2	23.1	20.8	2.9	1.7	0.2	-	0.1
Coast	85.1	2.6	5.1	2.1	2.3	0.9	0.2	1.9
Eastern	43.9	12.6	24.0	8.7	5.8	2.1	0.4	2.6
North Eastern	37.2	1.1	3.5	4.6	4.4	4.5	1.2	43.4
Nyanza	44.2	10.5	24.2	10.8	6.7	2.4	0.4	0.8
Rift Valley	46.4	6.1	16.7	10.3	10.4	3.7	1.2	5.1
Western	38.3	13.8	26.0	13.0	6.1	1.9	0.5	0.5
Kirinyaga	45.6	26.8	23.4	2.8	1.4	-	-	-
Nyeri	49.0	19.6	28.6	2.1	0.5	0.2	-	-
Embu	54.8	17.2	17.9	6.0	3.1	0.2	-	0.9
Meru	37.0	15.7	36.3	4.9	4.8	1.1	-	0.2
Tharaka Nithi	35.7	28.0	26.4	5.3	1.7	1.4	-	1.4

Source: Welfare Monitoring Survey II 1996

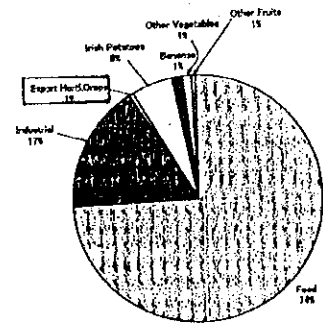
Figure K.1.2-1 Areas Planted (1995)



Area Planted (1995)

	Nyeri		Kirinyaga		Old Embu	
	Area Planted	%	Area Planted	%	Area Planted	%
Food	51,387	58.5	58,934	69.0	136,476	84.3
Industrial	14,130	16.1	19,522	22.9	15,585	9.6
Export Horti. Crops	635	0.7	1,396	1.6	817	0.5
Irish Potatoes	15,450	17.6	1,675	2.0	2,670	1.6
Bananas	1,417	1.6	1,364	1.6	4,267	2.6
Other Vegetables	4,017	4.6	2,240	2.6	615	0.4
Other Fruits	787	0.9	235	0.3	1,537	0.9
Total	87,823	100.0	85,366	100.0	161,967	100.0

STUDY AREA



	Tharaka Nithi		Meru		Nyambene		STUDY AREA	
	Area Planted	%	Area Planted	%	Area Planted	%	Area Planted	%
Food	75,701	70.0	95,090	68.7	109,544	86.9	527,132	74.5
Industrial	30,399	28.1	26,055	18.8	11,164	8.9	116,855	16.5
Export Horti. Crops	56	0.1	1,189	0.9	440	0.3	4,532	0.6
Irish Potatoes	630	0.6	13,369	9.7	2,720	2.2	36,514	5.2
Bananas	865	0.8	650	0.5	1,610	1.3	10,173	1.4
Other Vegetables	249	0.2	1,230	0.9	415	0.3	8,766	1.2
Other Fruits	251	0.2	754	0.5	236	0.2	3,800	0.5
Total	108,151	100.0	138,337	100.0	126,129	100.0	707,772	100.0