



# REPUBLIC OF KENYA

**TAITA-TAVETA  
DISTRICT DEVELOPMENT PLAN  
1984/1988**

## FOREWORD

This District Development Plan was prepared by the District Department Heads of Ministries under the coordination of the District Development Officer and the Executive Committee of the District Development Committee. The Rural Planning Division of the Ministry of Finance and Planning provided overall guidance through seminars and formulation of Plan guidelines and was responsible for editing and publishing the plan.

The Plan is divided into three sections. Chapter 1 provides background information on the District's resource base and the state of development. Chapter 2 spells out District policy orientations and strategies for the major development sectors. It also lists in order of priority by sector the major projects which the DDC wishes to see implemented over the 1984-88 Plan period.

The third section is the Annex. It indicates the Annual Development Programme, of which 1983/84 is the first; the Two-Year Rolling Plan for 1983/85; and Detailed Implementation Schedules for selected projects to be carried out during the first year. The Annex is envisioned as an on-going document to be updated every year. It both feeds and is fed by the annual budgetary cycle. This first version of the Annex to the District Development Plan is not complete because some ministries were unable to disaggregate their estimates. In order to make the annual Annex a more effective product, timely budget disaggregation by each ministry will be a future requirement.

Selection and prioritisation of development projects and programmes and final approval of the Plan were vested in the DDC in conformity with the directives on District Focus for Rural Development recently issued by the Office of the President. The specific criteria for prioritisation were drawn from the central national policy documents and emphasised by the Rural Planning Division. They included attention to underutilised existing infrastructure; to incompleting on-going projects; to food production; to employment generation; to overutilised existing facilities; to preventive and promotive health care; and to underserved areas requiring new facilities.

**Ministry of Finance and Planning  
Rural Planning Division**

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CHAPTER ONE:

Description of the District

## PHYSICAL, DEMOGRAPHIC AND SOCIO-ECONOMIC CHARACTERISTICS

### PHYSICAL PROFILE

#### Location

Taita Taveta District is situated in the southwest part of Kenya's Coast Province. It borders Kwale and Kilifi Districts in the east; Tana River, Kitui and Machakos Districts in the north, Kajiado District in the northwest, and Tanzania in the south and southwest. Taita Taveta District covers an area of approximately 16,975 sq km, inclusive of some 16 sq km representing Lakes Jipe and Chala.\* Some 10,500 sq km of the District, roughly 62%, is national parkland and reserve. (See Map 1).

#### Administrative Organisation

The district is divided into three administrative divisions, namely Voi, Wundanyi, and Taveta. Voi Division has four locations and thirteen sub-locations; Wundanyi is divided into seven locations and twenty-nine sub-locations; and Taveta has two locations with seven sub-locations. The breakdown is detailed in Table 1.1.

TABLE 1.1

ADMINISTRATIVE BREAKDOWN, TAITA TAVETA

DIVISION	LOCATION	SUB-LOCATION
WUNDANYI	WERUGHA	Wundanyi
		Shigharo/Sungululu
		Mlondo
	WUMINGU	Werugha
		Mwarungu
		Mgambonyi
		Nyache
	MBALE	Kishushe
		Mbale
		Choke
Msau/Mlechi		
Rong'e Nyika		
		Rong'e Juu

\* Another estimate of the district's size is provided in Table 1.2. However, most sources approximate the 16,975 sq km figure.

TABLE 1.1  
(contd.)

DIVISION	LOCATION	SUB-LOCATION
WUNDANYI (contd.)	CHAWIA	Kidaya/Ngerenyi Wusi/Kaya Kishamba Chawia/Mwawache Wumari/Sechu
	MWATATE	Modambogho Mwatate Mwachabo
	BURA	Mrugua Ilole Nyolo Godoma
	MWANDA	Mwanda Ngange Dawida Mgange Nyika Mwakitau Lushangonyi
VOI	VOI	Kaloleni/Ndara Mwangea
	MBOLOLO	Mraru Tausa/Ndome Ghazi Wongonyi
	SAGALLA	Teri Kishamba/Mgange Sagalla Maungu
	KASIGAU	Makwasinyi Rukanga/Bungule Miasenyi
TAVETA	KIMORIGHO	Mata Kimorigo Kitobo
	CHALA	Chala Mahoo/Township Njukini Mboghoni

SOURCE: D.C.'s Office



The district has three constituencies which have the same boundaries as the administrative divisions, namely Wundanyi, Voi and Taveta. The County Council wards are thirteen in number and the Voi Town Council has six wards.

### Topography

The district has immense topographical contrasts, from mountains rising to some 2150m to the lowlands of some 300m above sea level. The Taita Hills, Sagalla, and Kasigau ranges form the mountainous zone of the district, while the Tsavo National Park, the rangelands, game reserves and the mining lands comprise the dry lowlands.

From the Taita Hills, various river basins are visible which drain water from the mountainous zones to the lowlands. These basins are Bura, Mwatate and Voi, with the two other minor ones of Paranga and Mwalui. In the lowlands of Taveta Division and parts of Voi Division are the Lumi and Voi/Galana Basins. The Lumi Basin drains from Mt. Kilimanjaro, while the Voi/Galana Basin originates from the Chyulu Hills and parts of Mt. Kilimanjaro.

### Climate and Vegetation

The mean annual rainfall ranges from 250mm in the lowlands to over 600mm in the upper zone (mountainous area) with the mean temperature of 24.9°C. The altitude ranges from 304 metres at the lowlands to 2,150 metres at the upper zone. Between the lowlands and upper zone is the middle zone (900-1400 metres), suitable for agricultural development. Detailed analysis indicates that the district can be divided into six agro-climatic zones. This information is summarised in the Table below.

TABLE 1.2

AGRO-CLIMATIC ZONES OF THE DISTRICT

Area in Sq Km

Agro-Climatic Zones	Voi	Wundanyi	Taveta	Tsavo East	Tsavo West	Total
II & III	19	161	-	-	14	194
IV	105	161	-	-	118	384
V	1881	322	452	-	344	2999
VI	1173	2038	217	2026	4115	9569
VII	-	-	-	4043	-	4043
<b>Total</b>	<b>3178</b>	<b>2682</b>	<b>669</b>	<b>6069</b>	<b>4591</b>	<b>17189</b>

SOURCE: TARDA 1982



Zones II and III, comprising, 194 sq km in Taita Hills and Sagalla Hills, form the district's high potential and medium potential areas for agricultural development. One is not surprised, therefore, with the dense population in these zones.

Zone IV is marginal for agricultural development, as a result of the low rainfall coupled with high evaporation. Dryland farming is suitable for this zone.

Zone V is semi-arid, where drought resistant crops should be grown, e.g sisal.

Finally, a total of 13,612 sq km fall under zones VI and VII which is almost 80% of the total area of the district. About 75% of this area is within the national park and game reserve.

At the moment, zones II and III are under farming, while zones IV and V are utilized as ranches, with zones V,VI and VII as national parks. (See Table 1.3)

TABLE 1.3

LAND USE PATTERNS

<u>Land Use</u>	<u>Area Km<sup>2</sup></u>	<u>% of the Total</u>
Agriculture (including sisal estates)	1,930	11
Rangeland	4,057	24
National Park	10,539	62
Rocks, water, etc.	449	3
	<u>16,975</u>	<u>100%</u>

SOURCE: TARDA, 1982

DEMOGRAPHIC PROFILE

The district population increased from 61,463 in 1948 (the first recorded census) to 90,146 in 1962. In the 1969 census the district had a population of 110,742 with an increase of 2.8% per annum, over a period of 7 years. In 1979 the population was 147,597 with an increase of 2.91% per annum in ten years time. In the last census a total of 31,706 households were enumerated and the average size of the household was 4.65.

Population Distribution

The population distribution pattern is governed by the land use classification, as shown in Table 1.4 .

TABLE: 1.4

POPULATION DISTRIBUTION BY DIVISION

ADMINISTRATIVE DIVISION	AREA SQ KM	1979 POP.	POP. DENSITY (PERSONS/SQ.KM)	% TOTAL POP
WUNDANYI DIVISION	2,590	83,855	32	57
VOI DIVISION	13,689	37,880	3	26
TAVETA DIVISION	680	25,862	38	17
TAITA-TAVETA DISTRICT TOTALS	16,959	147,597	8	100

SOURCE: Central Bureau of Statistics,  
Population Census, 1979 Vol 1.

Apart from high population densities in the areas of Voi, Wundanyi and Taveta, some single sub-locations were noted to have concentrations of the district population in the 1979 census, such as Wusi/Kaya and Shigharo Sungululu.

Several points are relevant to mention here with respect to the population figures in Table 1.5. First, the economically active population, while increasing, is doing so at a slower rate than the 0 - 14 age cohort between 1979 -88 ( 39% versus 51%). Second, by 1988, 93,500 economically active will be supporting 117,830 dependents, indicating both quite a high dependency rate and an especially acute burden on those adult women who predominate in the economically active population.

TABLE 1.5

POPULATION PROJECTION 1980 - 1988

AGE	1979			1983			1988		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
0-14	36,492	36,405	72,897	46,458	45,673	92,131	55,597	54,590	110,187
15-59	31,909	35,468	67,377	36,591	40,613	77,204	44,701	48,804	93,505
60+	3,817	3,506	7,323	3,095	3,468	6,563	3,596	4,048	7,644
District Total	72,218	75,379	147,597	86,144	89,754	175,898	103,894	107,442	211,336

Source: CBS

Migration and Urban Trends

1979 Census figures on in and out migration for Taita Taveta District are set out in Table 1.6.

TABLE 1.6

MIGRATION FIGURES FOR TAITA TAVETA, 1979

	<u>Male</u>	<u>Female</u>	<u>Total</u>
In Migration	12,964	8,853	21,817
Out Migration	17,855	14,374	32,229
Net Migration	(-)4,891	(-)5,521	(-)10,412

SOURCE: CBS

Thus, as the Table shows, out migrations represented roughly one fifth of the 1979 population. Moreover, towards the end of the Plan period it is predicted that there will be migration from the thickly populated hill areas of Wundanyi to parts of Taveta and Voi which will offer settlement opportunities.

Voi Town is the only urban centre in the district. It accounted for a total of 7,397 people in the 1979 census. Wundanyi, Mwatate, and Taveta are market centres which have the potential and tendency to grow into urban centres in the future.

SOCIO-ECONOMIC PROFILE

Unlike many districts in the Republic, Taita Taveta has a varied resource base. The whole range of crop and livestock agriculture has potential in the district. Moreover, the closeness of the district to Mombasa provides a number of the district population both with direct employment opportunities as well as remittances therefrom.

Employment and Levels of Income

According to the Integrated Rural Surveys for 1976-79, Coast Province ranks low or lowest among all Provinces on a number of important economic variables: a large proportion of people have no land, no livestock, or are involved in mainly subsistence activities as compared to the other Provinces. In the 1979-83 DDP for Taita - Taveta District, it was estimated that 60% of the population then were considered "poor".

Facts and figures remain in short supply in the area of computing household income. However, general observation suggests that there are many poorer areas in Coast Province than are on average found in Taita Taveta. In average terms individual income in Taita Taveta may not be too different from the mean per capita

income country-wide. Certainly the district's varied resource bases - high and medium potential land used for cash cropping, livestock ranches, fishing and its proximity to wage employment area of Mombasa - suggest it has the potentiality, if not actuality, of being a district whose households are significantly better off than elsewhere in Kenya.

#### Indices of Poverty

According to the estimates by the Ministry of Health, the nutritional level of consumption of protein and starch in the district was below the required standard. For instance the 1982 Tana and Athi Rivers Development Authority (TARDA) report has concluded that there is substantial importation of food from other regions into the district, or a significant proportion of the population subsist on a sub-optimal diets, which would mean malnutrition in the district.

On the whole, one would argue that zones II and III have experienced economic growth, while other zones (especially the dry lowlands) are underdeveloped.

PRODUCTION SECTOR

Agriculture and Livestock

PROJECT AND PROGRAMME IMPLEMENTATION 1979 - 83

PROJECT NAME	ACTIVITY	REMARKS
I.A.D.P. Phase II	Credits to farmers co-operative societies for crop development.	Since 1978/79 when it was started seven societies benefitted from the credit system, but no more credits have been extended since 1979/80, as the the earlier credits were not repaid.
Horticultural Production Centre	A station was to be put up at Wundanyi which would act as a collection centre for all horticultural produce, to grade and sell the produce.	As the donor never released the funds, local funds were used.
Small-Scale Coffee Improvement Project	Assistance to small-scale farmers in cash crops, especially coffee.	About 300 farmers benefitted from the project, and the project is on-going.
Irrigation Schemes	Irrigation projects were proposed in Bura and Voi areas. Also other schemes in Taveta Division, e.g. Njoro Kubwa Canal, Kamleza, Chala, Kimorigo, Kitobo.	The projects were abandoned by the DDC on technical grounds; eg. little water resources to support the projects, especially for Voi and Bura schemes. In Taveta Division, the funds were not available. Only Njoro Kubwa Canal was repaired.

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Agriculture and Livestock (continued)

PROJECT NAME	ACTIVITY	REMARKS
District Regional Development Proposals (TARDA and ASAL Branch)	The Ministry of Agriculture, and the Tana and Athi River Development Authority, carried out a studies on regional development in the district.	The TARDA study was well done and assisted a lot in formulating the District Development Plan.
Training and Visit Extension Programme	To train officers at the grassroots, visit farmers, and disseminate information for better management and production of various crops.	This is on-going and responses are yet to be evaluated.
Ranch Development Phase II	Seven ranches were proposed covering 242,000 hectares. These ranches were the Mbale, Wananchi, Bura, Dawida, Wushumbu, Kambanga, and Mwasui ranches.	Hampered by scarce water supplies, and other constraints, eg. poor management, lack of immature animals, etc.
Cattle Dips	To combat tick borne diseases, twenty seven cattle dips were to be built in nine locations of the district. These locations were, Mbololo, Sagalla, Kasigau, Mbale, Werugha, Chawia, Mwanda, Mwatate and Bura.	Nothing was implemented as a result of the non-availability of funds and water supplies. However, there are 59 dips within the district.
Artificial Insemination	Up-grading the local breed and improving on dairy production.	The programme was implemented, such that at the moment there are 5,000 grade cattle in Wundanyi Division.

Agriculture and Livestock (continued)

PROJECT NAME	ACTIVITY	REMARKS
I.A.D.P. Phase II	To start demonstrations, fodder bulking plots and a multiplication centre at Mwatate.	19 demonstration plots, 3 fodder plots, five bull scheme demonstrations for sheep and goats, rabbit multiplication centres at Mwatate and Ngerenyi FTC, and bee-keeping farm demonstrations, etc. The programme was fairly well implemented. Allocation of funds too much delayed.
Dairy Development Project	To demonstrate to farmers better husbandry and management techniques for dairy development.	This programme is on-going, with about 5,000 dairy cows in Wundanyi Division.
Poultry Production	To demonstrate to farmers better techniques in the husbandry and management of poultry.	Construction work at the demonstration centre (Mwatate Rural Livestock Centre) is going on.
Pig Production	To increase the pig population, as a supplement to beef by establishing piggery demonstration units.	Two units have been established: a small demonstration piggery and another for commercial breeding.
Sheep and Goats Project	To improve the quality of goats and sheep for milk and meat through the multiplication centre.	This has been implemented by supplying farmers with breeding stock and teaching of better husbandry and management of the goats.



PROJECT NAME	ACTIVITY	REMARKS
<u>Agriculture and Livestock</u> (continued)		
Veterinary Clinical Services and General Disease and Pest Control	To provide veterinary clinical services to farmers at centres of accessibility and to vaccinate livestock against the common diseases and pests, i.e. Foot and Mouth, Rinderpest, Anthrax, etc.	Two veterinary centres were established and vaccination against common diseases was done.
<u>Fisheries</u>		
Lakes Jipe and Chala Fisheries Project	To boost fisheries activities at the two lakes, through financial assistance and provision of cold storage and fishing gear.	None of these proposed activities was well implemented, due to the lack of financial assistance.
<u>Forestry</u>		
Tree Nurseries	To put up cheap tree nurseries in every location as part of fulfilling the Presidential directive.	Only Kasigau nursery was implemented, and the rest have not done very well.

Cooperative Development

There are 32 cooperative societies in the district, as follows:

TABLE 1.7

COOPERATIVE SOCIETIES

	<u>Number</u>
I <u>Agricultural Cooperatives</u>	
Coffee	1
Multi-purpose	16
II <u>Other Cooperatives</u>	
Fisheries	1
Savings and Credit	9
Consumer Savings and Credit	2
Ranches	1
Dairy	1
Bee-Keepers	<u>1</u>
TOTAL	<u>32</u>

The major problems facing these societies are loan procedures and repayment defaulters, problems of management, transport services, problems with extension services and other constraints, which came largely as a result of other sectors' failure to supply their inputs.

Commerce and Industry

Generally, this sector faced various constraints in trying to produce and distribute goods and services within the district. These constraints included lack of finances and of physical infrastructure. The only three sources of finance (K.I.E., ICDC and Joint Board Loans) could not satisfy the high demand for credit by the business community, while the poor ungraded roads and poor coverage of rural electrification programme constrained the distribution and further development of potential rural industries.

On the side of the business community, lack of business management, as a result of little or no knowledge of elementary financial and cost accounting, was a prime factor retarding the growth and improvement of business activities in the district. One observes, therefore, a situation where industrial growth is very embryonic and distribution of the goods and services is on a small-scale basis.

Below are six major activities that were implemented by this sector, during the Plan period:

- A Rural Industrial Development Centre was established at Voi and released the Industrial Estates to the business community there, with extension of these estates to Taveta.

- Loans from Joint Board Loans and ICDC were Kshs. 1,030,609.10 and Kshs.756,880,00, respectively.
- Elementary training of the business community at Matuga and RIDC., Voi.
- RIDC financed 15 on-going projects and identified 26 more for financial and marketing assistance.
- KNTC, KETEPA and EAI regulated their distributorship within the district.

### Lands and Settlements

Unlike other districts in the Republic, where this sector may not play a vital role in development, Taita-Taveta district requires enormous inputs vis-a-vis land administration and valuation, land surveys, land adjudication and settlement.

The district consists of vast amounts of land which is owned by individuals (companies) or is state or trust land. In some cases such land is idle or under-utilised, and in urgent need of plans to promote alternative uses of this land.

During the past Plan period, not much was achieved as a result of various constraints in this area of lands and settlement. For instance, the Survey Department was understaffed and lacked finances, and bad weather prevented the taking of aerial photographs.

PHYSICAL INFRASTRUCTURE SECTORS

PROJECT NAME	ACTIVITY	REMARKS																
<u>Roads</u>																		
Road Gravelling Programme	The Programme funded by CIDA aimed at gravelling major roads recommended by the DDC	<p>A total length of 143 km roads network was gravelled. These roads are as follows:</p> <table border="0"> <tr> <td>Mangu-Kasigau</td> <td align="right">=45km</td> </tr> <tr> <td>Voi-Sagalla</td> <td align="right">=25 "</td> </tr> <tr> <td>Taveta-Mbogoni</td> <td align="right">= 5 "</td> </tr> <tr> <td>Taveta-Kitobo</td> <td align="right">=12 "</td> </tr> <tr> <td>Taveta-Njukuni</td> <td align="right">=28 "</td> </tr> <tr> <td>Werugha-Kishushe</td> <td></td> </tr> <tr> <td>Weruga-Nyache</td> <td align="right">=28"</td> </tr> <tr> <td align="center">TOTAL</td> <td align="right"><u>143km</u></td> </tr> </table> <p>Also the Provincial gravelling unit added 9 km in to the above network.</p>	Mangu-Kasigau	=45km	Voi-Sagalla	=25 "	Taveta-Mbogoni	= 5 "	Taveta-Kitobo	=12 "	Taveta-Njukuni	=28 "	Werugha-Kishushe		Weruga-Nyache	=28"	TOTAL	<u>143km</u>
Mangu-Kasigau	=45km																	
Voi-Sagalla	=25 "																	
Taveta-Mbogoni	= 5 "																	
Taveta-Kitobo	=12 "																	
Taveta-Njukuni	=28 "																	
Werugha-Kishushe																		
Weruga-Nyache	=28"																	
TOTAL	<u>143km</u>																	
Mwatate-Taveta A23 Trunk Road, Kungu-Mgange-Bura Road, F.T.C. Ngerenyi Road, and Wundanyi-Kungu-Wesu Road	Bitumenisation of major roads	The survey was completed for the Mwatate-Taveta road, but its actual tarmacking has not started. Neither the surveys nor the tarmacking have been done for the rest.																
Regravelling of Major Roads	Three major roads were prioritised by the DDC to be regravelled by the Ministry of Transport and Communications. Implementation did not occur for these roads, namely, D540 Mwakinyungu-Ronge Juu - Wongonyi-Ghazi road, D538 Bura-Mgange and D690 Mgange-Mwanda.																	

PROJECT NAME	ACTIVITY	REMARKS
<u>Roads (cont.)</u>		
Re-Construction and Maintenance	D539 Mwalangi-Talio Nyika E1901 Mugua - Sanga E1903 Mraru - Wongonyi E690 Mwanda - Mwakitau E688 Irizi - Paranga Ghazi E1902 Tausa - A109 (Nairobi/Mombasa Road)	Six classified roads were poorly maintained and never re-constructed.
Classification of Existing Roads	Ten roads within the district were recommended for classification. Inspection is still going on and the classification has yet to be done.	
	<ol style="list-style-type: none"> <li>1. Dembwa-Mpizinyi - Mwachawaza-Mnyuchi</li> <li>2. Ikanga -Shelemba Msau-Bagau</li> <li>3. Ndome - A109 Nairobi/Mombasa Road</li> <li>4. Taveta-Quarry-Kitondoni-Malukiloriti</li> <li>5. Ziwani-Njukini</li> <li>6. Taveta-Lessessia</li> <li>7. Taveta-Njoro up -Kivalwa</li> <li>8. Kitobo - Kitogoto</li> <li>9. Werugha - Wesu</li> <li>10. Mbengonyi-Shigharo</li> </ol>	
Rural Works programme	Construction of a road connecting Wanganga-Ronge Juu. This was never surveyed nor constructed.	
<u>Information and Broadcasting</u>		
Television Booster Station	Installation of a transmission and booster station.	Only transmission booster was installed at Voi, leaving the district without its planned television booster.

PROJECT NAME	ACTIVITY	REMARKS
<u>Communications Sector</u>		
Postal Services	Post offices to be built at Masungunyi, Challa in Taveta and Werugha. Only the one at Werugha was opened.	
Telephone Services	Installation of telephone network for all Chiefs' offices, health centres, secondary schools and trading centres. This was implemented by KP&TC but not completed by the end of the Plan period. Telephone services now available at Bura, Tausa, Ndombe, and Tsavo East Park.	
<u>Energy Sector</u>		
Rural Electrification Programme	<p>None of the following proposed areal electrifications was actually implemented:</p> <p><u>Proposed areas:</u></p> <ul style="list-style-type: none"> <li>Wundanyi - Werugha</li> <li>Werugha - Mgange</li> <li>Mgange - Mwanda</li> <li>Mgange - Bura</li> <li>Bura - Mwatate</li> <li>Dembwa - Wusi</li> <li>Ngerenyi - Kungu</li> <li>Voi - Mraru</li> <li>Mraru - Tausa</li> <li>Taura - Ndome</li> <li>Ndome - Ghazi</li> <li>Ghazi - Wongonyi</li> <li>Maungu - Kasigau</li> <li>Voi - Sagalla</li> </ul>	

PROJECT NAME	ACTIVITY	REMARKS
<b><u>Water</u></b>		
<b>Maungu-Buguta Water Project</b> <b>Mbololo Water Project</b> <b>(Kiruta Line) Wundanyi</b> <b>Water Project</b>	<b>Construction and installation of</b> <b>pumping engines.</b>	<b>All that required direct labour was</b> <b>completed, but the pumping engines</b> <b>were not installed, and Kirutai Line</b> <b>was not constructed due to financial</b> <b>limitations</b>
<b>Lumi-Taveta Water</b> <b>Supply, and Mwasoko</b> <b>Water Supply.</b>	<b>Carry out feasibility studies</b> <b>and submit to donors for</b> <b>funding.</b>	<b>The studies were completed, but no</b> <b>donor has been found to assist in</b> <b>funding the projects.</b>
<b>Self-help Water</b> <b>Projects.</b>	<b>To use self-help efforts to</b> <b>initiate seven small-scale water</b> <b>projects:</b> <b>1. Msau-Rong 'e-Nyika</b> <b>2. Irido-Shigharo</b> <b>3. Mwakitau</b> <b>4. Mbale</b> <b>5. Rukanga (Kasigau)</b> <b>6. Challa</b> <b>7. Taveta Division.</b>	<b>They benefitted from the assistance of</b> <b>District Development grants, CARE/</b> <b>Kenya, and the District Water</b> <b>Development Office. However, they are</b> <b>not completed yet.</b>

PROJECT NAME	ACTIVITY	REMARKS
<u>Water (cont.)</u>		
Proposed Self-Help Water Projects	<p>Nine Water Projects were proposed to start on harambee basis and to apply for financial assistance from RDF and technical assistance from MOWD:</p> <ol style="list-style-type: none"> <li>1. Bura Water Project.</li> <li>2. Mata Dispensary Water Project</li> <li>3. Mwalui-Wongonyi Water Project</li> <li>4. Mwamata Water Project</li> <li>5. Majughu-Fusinyi Water Project</li> <li>6. Mazizi-Solome Water Project</li> <li>7. Kishenyi-Kishushe Water Project (Rehabilitation)</li> <li>8. Mwambirwa-Ronge Juu Water Project</li> <li>9. Mwasegera-Mwambungu Water Project.</li> </ol>	None of these was started
Mwatate Water Project and Extension of Buguta-Rukanga line.	To undertake feasibility studies on two projects.	No studies were carried out.
Water Conservation as part of Land Development Programme.	To survey and design surface and sub-surface dams in all the three divisions: Wundanyi, 15 dams; Voi, 7 dams; Taveta, 2 dams. All these projects were recommended by DDC	No survey or design was done.
Other Water Projects.	Implementation of Mbololo Water Project's extension to Kirutai, and Irindo-Shichara	All done up to 90% completion.



## SOCIAL SERVICES SECTORS

### Adult Education

Unlike other education sectors adult education did not show enormous strides in enrolment over the Plan period. In 1983 there were 76 full-time centres for adult education, with an enrolment of 995 people, of whom only 138 were men. There were part-time centres, which numbered 106, with a total enrolment of 1,899 people, of whom only 335 were men. A final category consisted of 9 self-help centres, with a total enrolment of 211, 77 of which were men. The total enrolment for all centres in the district was 3,105 students in 19 centres with over 80% of its enrolment women.

These figures are quite low, compared to the district population figure of some 176,000 in 1983 and literacy percentages of 80 and 50 for men and women respectively.

### Basic Education

Below is a table, summarising the primary schools enrolment, as of January, 1983. Included is the staffing status in the district. One notices that total enrolment in the district was over 25% of the total population in 1983. Also, less than half of the teachers in the district are standard P3 or less. Finally, there are three main sponsors for these primary schools in the district, namely the Roman Catholic Church, Church of the Province of Kenya, and District Education Board; but in all the three cases Parents' Associations assume the responsibility of caretaker of the schools. It is reported that matters relating to new schools and expansion of existing primary schools are discussed by the DDC rather than the DEB, because the latter never met over the last Plan period. The school enrolment and staffing status are given in Table 1.9.

TABLE 1.8

PRIMARY SCHOOLS - LOCATION SUMMARY

LOCATION	DIVISION	NO. OF SCHOOLS	NO. OF TEACHERS	NO. TEACHERS P3 or Less	ENROLMENT BY CLASS						
					I	II	III	IV	V	VI	VII
WERUGHA	WUNDANYI	11	143	54	979	860	825	855	906	851	623
WUMINGU		10	90	44	503	494	519	433	479	445	280
MBALE		16	120	53	718	625	702	658	550	597	452
CHAWIA		15	117	54	880	867	804	805	793	722	533
MWATATE		5	53	25	402	450	530	421	383	302	223
BURA		6	57	33	380	384	362	401	403	347	201
MWANDA		12	97	38	649	598	550	638	619	516	386
KIMORIGO	TAVETA	10	63	25	485	449	455	414	322	307	157
CHALA		10	86	29	803	760	823	745	593	458	356
SAGALLA	VOI	9	73	30	478	433	414	442	360	373	247
KASIGAU		8	54	25	451	344	288	340	258	195	115
VOI URBAN		6	65	24	522	481	418	413	408	358	213
MBOLOLO		16	131	56	757	701	680	677	720	695	551
TOTAL		134	1149	490	8004	7446	7370	7242	6794	6166	4337

Sponsoring Agencies: Catholic, CPK, DEB, Parents' Associations. All schools in the district are looked after by Parents' Associations.

Note: This information is as per 31st January, 1983

Source: Inventory of Infrastructure, Taita Taveta

Grand TOTAL  
ENROLMENT: 47359

Higher Education

The number of secondary schools in the district is listed below with description of physical facilities and members of staff. The two following tables give pertinent statistics on secondary schools and their needs in the district. Eighteen out of thirty schools for higher education are on harambee basis. There is a great shortage of TSC teachers (a total 42 teachers required). The student enrolment is large as the public is very responsive to the education opportunities (6,425 students out of which 41% are in harambee schools). Physical facilities in harambee schools are especially scarce. The parents have contributed tremendously to the mushrooming of the schools, and, therefore, their initiative must be rewarded if this spirit of participation is to be kept for other development endeavours in the district.

TABLE 1.9

SCHOOLS AND THEIR STATUS

<u>Name of School</u>	<u>Number of Students</u>	<u>Status of Staffing the School</u>	<u>D/Hall</u>	<u>Lab.</u>	<u>Dorm</u>
1. Kenyatta High School	700	'A' level Enough	1	1	1
2. Bura Girls Sec	324	'O' level Enough	1	1	1
3. Murray Sec.Sch	230	'A' level understaffed	1	1	1
4. Dr. Aggrey	366	'A' level Enough	1	1	1
5. Voi Sec. Sch.	480	'O' level Enough	1	1	1
6. St. Mary's	240	'O' level Enough	1	1	1
7. Eldoro Sec.Sch	280	'O' Understaffed	1	-	1
8. Mwasere Sec School	160	'O' level Enough	1	1	1
9. Kituri Sec.Sch	320	'O' level Enough	1	1	1
10. Mwakichuchu Sec. School	320	'O' level Enough	1	1	1
11. Tambila Sec.	280	'O' level Understaffed	-	-	-
12. Moi Kasigau Sec. School	120	'O' level Understaffed	-	-	-
13. Mwangeka Harambee	480	'O' level Understaffed	-	-	-
14. St. John's Harambee	260	'O' level Understaffed	-	-	-
15. Mwandango Harambee	280	'O' level Understaffed	-	-	-
16. Mwaghogo Harambee	160	'O' level Understaffed	-	-	-
17. Kitumbi Harambee	266	'O' level "	-	-	-
18. Mwakitawa Harambee	140	'O' level "	-	-	-
19. Allan Mjomba Harambee	130	'O' level "	-	-	-
20. Mwafuga Harambee	96	'O' level "	-	-	-
21. Mghalu	200	'O' level "	-	-	-
22. Mwanyambo Harambee	126	'O' level "	-	-	-

TABLE 1.9 (Continued)

<u>Name of School</u>	<u>Number of Students</u>	<u>Status of Staffing the School</u>	<u>D/Hall</u>	<u>Lab.</u>	<u>Do</u>
23. Shimbo Harambee	60	'0' level understaffed	-	-	-
24. Kiwinda Harambee	70	'0' level understaffed	-	-	-
25. Ngami Harambee	110	'0' Level understaffed	-	-	-
26. Kajire Harambee	40	'0' level understaffed	-	-	-
27. David Kayanda Harambee	35	'0' level understaffed	-	-	-
28. Munda Harambee	15	'0' level understaffed	-	-	-
29. Challa Harambee	17	'0' level understaffed	-	-	-
30. Ngangao Harambee	130	'0' level understaffed	-	-	-
31. Moka Harambee	20	'0' level understaffed	-	-	-
32. Mwakiwiwi Harambee	15	'0' level understaffed	-	-	-

Table 1.10

FACILITY REQUIREMENTS WHICH WERE NOT MET

<u>Name of School</u>	<u>Students</u>	<u>D/Hall</u>	<u>Teachers</u>	<u>C/rooms</u>	<u>Lab</u>	<u>Dorms</u>	<u>H</u>
1. Kenyatta High Sch.	-	-	-	-	-	-	-
2. Bura Girls	-	-	-	-	-	-	-
3. Murray Sec	-	-	3	-	-	-	-
4. Dr. Aggrey Sec. School	-	-	-	-	Eq	-	-
5. Voi Sec. School	-	-	1	-	-	-	-
6. St. Mary's School	-	-	1	-	2	-	-
7. Eldoro Sec School	-	R	2	1	2	4	-
8. Mwasere Sec. School	-	-	-	-	Eq	-	-
9. Kituri Sec. School	-	-	-	-	Eq	-	-
10. Timbila Sec. School	-	-	2	1	1	2	-
11. Mwakichuchu Sec School	-	1	-	-	Eq	1	-
12. Moi Kasiguu Sec. School	-	2	-	-	-	2	-
13. Mwangeka Harambee	-	1	5	-	2	-	-
14. St. John's Harambee	-	1	3	-	-	-	-
15. Mwandogo Harambee	-	1	-	-	1	2	-
16. Mwachogo	-	1	2	-	1	-	-
17. Kitumbi Harambee	-	1	2	-	-	R	-

EQ = Equipment R = Required

Health

During the last Plan period some problems were identified as major constraints to the provision of health services in the district. Physical access of public to the services emerged as a top problem. Though there are three full district hospitals, people travel long distances to them. The poor roads in some of the locations makes accessibility difficult and expensive. The effort to reach these people in their localities was hampered by the lack of transport by the health personnel and poor roads. Efforts to put up health centres ended in harambee dispensaries which lack staff quarters and other facilities to make them complete and capable of providing adequate services to the public. The district has a shortage of qualified staff and equipments to support the available health staff in carrying out their work, which reduces the quality of medical services given to the public. In particular, for the Child Care and Family Planning Programme, there are eight established service delivery points in the district. The statistics on the attendance by the local communities during the Plan period were very encouraging, which implies that the new ideas on child care and family planning have been received well among the people.

Below is the recent staffing position in the district and some cadre population ratios. (Tables 1.11 and 1.12). Table 1.13 provides information and some selected proposals to improve health care in the district.

Table 1.11

STAFF IN HEALTH INSTITUTIONS, TAITA-TAVETA DISTRICT, 1981

CADRE	WESU	VOI	TAVETA
Dentists	-	1	-
Doctors	2	2	2
Clinical Midwives	6	8	6
Enrolled Midwives	4	4	3
Registered Nurses	7	15	9
Community Nurses	10	13	14
Public Health Officers	2	1	1
Public Health Technicians	8	6	4
Public Health Nurses	1	-	-
Health Education Officers	1	-	-

TABLE 1.11 (Continued)

Family Health/F. Education	10	3	2
Lab. Technologists	1	2	2
Ento. Lab. Technologists	-	2	2
Lab. Technicians	3	5	3
Ento. Lab. Technicians	-	-	1
Physiotherapists	1	1	1
Occup. Therapists	1	1	1
Plaster Technicians	1	2	-
Pharmaceutical Tech.	2	3	1
Radiographers	1	2	-
Radiographic Film	1	2	-
Processors			
Storemen	1	2	1
Hospital Secretaries	1	1	1
Clerical Officers	6	8	6
Drivers	6	3	3
Nutrition Field Workers	2	2	2

TABLE 1.12

HEALTH STAFF/POPULATION RATIO, 1980

CADRE	TOTAL NO. OF STAFF	STAFF/POPULATION RATIO
Doctors	6	1: 25500
Dentist	1	1: 153000
Registered Nurses	31	1: 5667
Enrolled Nurses	93	1: 1645
Clinical Officers	20	1: 7650
Public Health Technicians	18	1: 9000
Lab. Technicians	11	1: 11700
Family Health Field Educators	12	1: 12750
Health Education Officers	1	1: 153000
Pharmaceutical Technologists	6	1: 25500
Public Health Officers	4	1: 38750
Public Health Nurses	1	1: 153000

Also in Taita-Taveta District: Doctor/Bed ratio is 1:72  
Nurses/Bed ratio is 1: 3  
Doctor/nurses ratio is 1: 20  
Bed/population ratio is 1: 346



TABLE 1.13

RECORD OF SELECTED HEALTH PROJECTS, 1979/83

<u>Project Name</u>	<u>Activity</u>	<u>Remarks</u>
District Hospital	In three district hospitals at Voi, Wesu, and Taveta, increase the bed capacity.	This is the only district in the country with three full district hospitals, with 434 bed capacity.
Health Centres	Open health centres in the rural centres, reduce the distance travelled coming to the district hospital	Only one health centre at Kasigau was built.
Dispensaries and Private health Institutions	To spread out health services in the district by opening dispensaries at various locations.	Only seventeen dispensaries were built on harambee basis and six private health institutions are on site

Culture and Social Services

The Department of Social Services is comprised of five major divisions, namely Community Development, Social Welfare, Vocational Rehabilitation, Youth Development and Sports, the records of which are discussed separately below.

Community Development Division. This division, which is the backbone of the Department of Social Services, encompasses the self-help movement (Harambee) and Women Programmes.



The people's contribution to self-help projects increased substantially during the last Plan period.:

TABLE 1.14

HARAMBEE CONTRIBUTIONS TO DEVELOPMENT

<u>Year</u>	<u>People's Contributions</u>
1979	KShs 3,457,183.00
1980	6,444,067.00
1981	12,799,916.00
1982	10,027,334.65
1983	12,830,000.50
Totals	KShs <u>45,558,501.15</u>

Source: District Social Development Office (DSDO)

During the Plan period there was a shift from fund-raising for individual projects to fund raising for a cluster of projects, and this new method of fund raising had the advantage of attracting outside assistance. It relieved the people of too many fund raisings which, in effect, overtax them.

The Central Government and CARE/Kenya gave grants to boost the harambee spirit of the people as follows:

TABLE: 1.15

GOVERNMENT GRANTS AND CONTRIBUTIONS TO COMMUNITY DEVELOPMENT

<u>YEAR</u>	<u>GOVERNMENT GRANTS</u>	<u>CARE/ KENYA ASSISTANCE</u>
1979	Kshs. 63,920.00	Ksh 101,048.75
1980	63,049.50	890,803.00
1981	44,824.50	140,803.00
1982	54,064.35	58,168.90
1983	<u>70,000.00</u>	<u>144,538.90</u>
Totals	<u>295,857.85</u>	<u>1,335,362.55</u>

Source: DSDO

Women programmes are designed to promote the welfare of women by integrating them in development. During the Plan period, 1979-83, the Women's Bureau (formed 1975) assessed the needs of women through research studies and channelled inputs to them for the promotion of income-generating activities. The women programme expanded tremendously and received assistance from the Central Government, as shown below:

TABLE: 1.16

<u>YEAR</u>	<u>NO. OF WOMEN GROUPS</u>	<u>AMOUNTS GIVEN KSHS</u>	
		<u>HARAMBEE</u>	<u>GOK</u>
1979	103	1,103,000.00	72,000.00
1980	161	1,150,019.00	107,000.00
1981	173	1,633,462.00	233,500.00
1982	193	1,757,155.80	348,000.00
1983	200	1,950,120.50	350,000.00
		<u>7,593,757.30</u>	<u>1,110,500.00</u>

Social Welfare Division. The major objective of the social welfare programme is to make individuals, groups and committees, who may be disadvantaged and disabled for some reason or other, self-sufficient, self-reliant, and contributing to development.

During the last Plan period, foster care and resettlement of vocational rehabilitation graduates and other related welfare services were upheld despite the fact that the Central Government grants declined. A total of 692 cases were handled during the Plan period and a total of Kshs. 32,800/- was granted.

TABLE: 1.17

SOCIAL WELFARE CASES HANDLED AND GOVERNMENT AID

<u>YEAR</u>	<u>CASELOAD</u>	<u>ASSISTANCE (KSHS)</u>
1979	100	4,000.00
1980	101	5,800.00
1981	150	13,500.00
1982	161	5,500.00
1983	180	4,000.00
	<u>692</u>	<u>32,800.00</u>

Source: DSDO

Vocational Rehabilitation Division. The main objective of the vocational rehabilitation programme is to train and rehabilitate the physically disabled persons between the ages of 16 and 45 years. They are provided with skills which enable them to be more self-employed and self-reliant. Bura Vocational Rehabilitation Centre in Bura Location, is the only one of its kind in Coast Province. It opened its doors in 1976 and caters for disabled trainees from within and outside of Coast Province. Since 1976, a total of three courses for a period of 18 months have been organised. A total of 106 disabled persons have graduated from the centre as follows:-

1st Course	-	25
2nd Course	-	33
3rd Course	-	48

The 4th course, which has 50 disabled trainees, started in January, 1983. Since the Centre's inception, the Central Government has spent over Kshs. 1.8 million for its development.

TABLE 1.18

SELECTED EXPENDITURE ON BURA VOCATIONAL CENTRE

<u>YEAR</u>	<u>DEVELOPMENT GRANTS (Kshs)</u>
1979	12,000.00
1980	306,000.00
1981	730,000.00
1982	400,000.00
1983	400,000.00
	<u>1,848,000.00</u>

Source: DSDO

With only one Centre of its kind in the Province, there is an urgent need for its expansion to take a total of 120 additional dormitory beds for men and for women and three more workshops.

Youth Development Division. The Youth Development Division is mainly concerned with the implementation of Village Polytechnic Programmes whose objectives are to train schools leavers, especially Standard-seven leavers, in skills and knowledge which will fit them for employment in the rural areas.

The Village Polytechnic Programme expanded considerably during the Plan period 1979-1983, as shown below:

TABLE: 1.19

VILLAGE POLYTECHNICS AND GOVERNMENT ASSISTANCE

<u>YEAR</u>	<u>TOTAL NO. OF VPS.</u>	<u>TOTAL ENROLMENT</u>	<u>GOVERNMENT YEARLY GRANTS</u> Kshs.
1979	14	800	735,000.00
1980	15	1,050	850,000.00
1981	16	1,135	1,000,000.00
1982	17	1,321	1,300,000.00
1983	17	1,540	1,500,000.00

Source: DCO office

Sports Division. The major aim of sports is to develop the body physically and mentally. During the Plan period, 1979-1983, the sports activities in Taita-Taveta District fared well, despite the meagre finances and lack of proper stadia and sports equipment. The sports grants during the Plan period from Central Government and Taita-Taveta County Council were as follows:

TABLE 1.20

SPORTS GRANTS

<u>Year</u>	<u>Grant from Central Government</u> Kshs.	<u>Grant from C.C. Taita-Taveta</u> Kshs.
1979	3,000.00	6,000.00
1980	100,000.00	5,000.00
1981	50,000.00	5,000.00
1982	25,000.00	5,000.00
1983	3,000.00	2,000.00

Sources : DCO office

### Provincial Administration

The Provincial Administration provides security and housing services to the rest of the sectors. During the past plan period there were sub-divisions of some of the existing locations to make it easier to run and to provide for different services. It was required that office space be provided in those new locations created. No provision for offices has been made in Mwatate, Voi, Challa, or Wumingu Locations.

Other proposed plans which were not implemented include the splitting of Wundanyi Division and the provision of an office for the DO, Wundanyi, to move out of the District Headquarters building. Office accommodation at the headquarters is scarce and decentralising the administrative services to the divisional centres would ease that problem. Also means of transport for the officers in the district is a big obstacle.

## DISTRIBUTION AND UTILIZATION OF INFRASTRUCTURE

### Roads and Railways Line

It is difficult to give comprehensive statistics on the utilisation rates of the roads and the railway line (between Voi and Taveta, to Tanzania border) in the district. However, one can make general observations. Major roads within the district are underutilised, because they are not adequately maintained after gravelling or when required due to limitations on maintenance funds. This is seen as a constraint on the transport of produce, supply of farm inputs, and supply of goods and services to the public. The Ministries of Agriculture, Commerce and Industry, Livestock Development and Co-operatives Development have singled out bad roads as a major obstacle to their effective operations. It should be noted that it is not because these roads do not exist, but their bad conditions hamper their very use.

The railway line is also underutilised in the sense that there does not exist a regular passenger-train service or a goods service. Services are on occasional basis, either on market days at Taveta or other special cases. The Kenya Railways is trying to maintain the line, but one wonders whether the physical infrastructure does not cost more than what the Corporation receives as benefits. However it is anticipated that, as the Kenya Tanzanian border has been reopened, the line may be fully utilised in the future.

### Schools

To repeat an earlier point, out of 30 secondary schools in the district, 18 are on harambee basis and such schools are understaffed and have no major facilities like laboratories, dining halls, and staff houses. There is, then, underutilisation of schools in the district. It is not that students are not available, but there is a failure to provide other complementary facilities, which should make these schools fully equipped. It will be a good idea to furnish these existing schools before starting new ones which may face the same problem.

### Health Sector

Numerous dispensaries exist which lack one or two things to function effectively. Moreover, with three full hospitals, one is tempted to conclude that these hospitals are underutilised; before arriving at that conclusion, however, one needs to take stock of the statistics of health centres and fully equipped dispensaries in the district. One of the unfortunate side effects of having three district hospitals is that they have discouraged the development of health institutions distributed more evenly the district. People travel all the way to Voi or Wesu or Taveta for medical services and one observes a concentration of services at one point and crowding of the people at those centres, hence making the hospitals overutilised.

### Water Sector

The existing water supplies that are operating are overutilised, and there is a need to extend and expand these facilities. Also, some projects were started and not completed, hence making the use of the services not possible, and the facilities underutilised.

## PRODUCTON TRENDS

### Crops

Earlier discussion revealed that only zones II and III are ideal for crop production. This area is estimated to be 18,000 ha., of which 63% is shallow or too steep or is taken up by homesteads, access roads and soil conservation measures. This leaves 6,660 ha. for rainfed agriculture. Records show that only 5,300 ha. are under cultivation, leaving a balance of some 1,360 ha. for pasture or fallow. Production trends on the area under cultivation are given below in Table 1.21 for various crops, with projections for the next five years. It is envisaged that improvement of yields will depend upon better farming techniques on the existing farms or on the opening of new land in underutilised fertile areas.

TABLE 1.21

PRODUCTION TRENDS AND PROJECTIONS FOR SELECTED CROPS, TAITA-TAVETA DISTRICT

Crop	Units	1981	1982	1983	1984	1985	1986	1987	1988
Maize	Hectares	6509	8181	8300	8400	8500	8600	8700	9000
	Tonnes	11716	7290	11376	11448	11520	11592	11700	11880
Beans	Hectares	3149	3834	3800	3850	4000	4100	4150	4200
	Tonnes	2519	2544	2660	2695	2800	2870	2905	2940
Rice	Hectares	78	40	45	50	65	80	90	150
	Tonnes	56	29	32	36	47	58	65	108
Sorghum	Hectares	135	100	120	140	180	200	230	
	Tonnes	108	80	96	112	144	160	184	200
Cassava	Hectares	412	661	680	700	710	725	730	750
	Tonnes	4720	6610	6800	7000	7100	7250	7300	7500
Pigeon Peas	Hectares	367	323	330	340	345	350	350	350
	Tonnes	163	145	149	153	155	158	158	158
Cow-peas	Hectares	347	357	360	365	370	375	380	390
	Tonnes	156	161	162	164	167	169	171	176
Coffee	Hectares	556.5	592	602	615	615	615	615	615
	Tonnes	115.7	178	181	185	185	185	185	185

TABLE 1.21 (cont.)

Cotton	Hectares	1421	1084	1200	1300	1400	1450	1500	1600
	Tonnes	1219	976	1080	1170	1260	1305	1350	1440
Sunflower	Hectares	-	2	200	300	350	380	400	450
	Tonnes	-	2	200	300	350	380	400	450
Coconuts	Hectares	27	27	30	30	35	40	45	48
	Tonnes	94,500	105,000	105,000	105,000	122,000	140,000	157,500	168,000
Cashewnuts	Hectares	19.5	36	36	37.5	37.5	40	40	41
	Tonnes	39,140	40,000	40,000	41,000	41,000	41,000	41,000	41,000
G/grams	Hectares	146	202	215	225	240	245	250	260
	Tonnes	66	91	97	107	108	110	112	120
Bananas	Hectares	1632	1700	1705	1720	1730	1740	1745	1750
	Tonnes	9792	10200	10230	10220	10380	10440	1047	10500
Sisal	Tonnes	8105	8280	8280	8300	8364	8364	8400	8400
Cabbages	Hectares	148	200	210	215	220	225	230	240
	Tonnes	1480	2000	2100	2150	2200	2250	2300	2400
Tomatoes	Hectares	183	239	240	245	250	250	250	250
	Tonnes	1404	1912	1920	1960	2000	2000	2000	2000
Kales	Tonnes	720	1710	1750	1800	1850	1900	1950	2000
Onions	Tonnes	480	420	440	520	640	680	760	800
Mangoes & Oranges	Tonnes	370,900	382,600	390,630	390,660	396,690	396,696	400,700	401,200



Livestock

About 24% of the land in the district can be developed as rangeland. During the past Plan period, ranch and dairy areas recorded high increases in beef cattle and milk cows. Also, other breeds indicated a slight increase. The livestock population figures are shown below:

TABLE 1.22

LIVESTOCK POPULATION PROJECTIONS  
(All estimates)

<u>Breed</u>	<u>1980</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Beef Cattle	98,579	119,000	136,900	164,000	188,900	217,200
Dairy Cattle	4,260	5,000	6,000	7,200	8,600	10,320
Sheep	26,155	35,000	40,000	46,300	53,200	61,200
Goats	103,698	140,000	161,000	185,100	212,900	244,800
Pigs	197	210	230	240	250	260
Rabbits	3,106	3,300	3,600	3,990	4,400	4,800
Donkeys	192	220	230	240	250	260
Camels*	4	4	4	4	4	4
Poultry (layers)	N/A	12,000	13,000	14,000	15,000	16,000
Poultry (broilers)	N/A	19,000	21,000	23,800	26,700	29,900

\* Camels are for tourist attraction at Salt Lick Lodge.

Source - DLDO Wundanyi

DISTRICT DEVELOPMENT INSTITUTIONS

The major development institutions in the district are described below:

District Development Committee

This committee includes all heads of departments, local leaders, such as MPs, KANU officials (Chairman and Secretary), and leaders of parastatal and voluntary organisations. During the last Plan period the Committee met twice every year. It is chaired by the District Commissioner and its secretary is the District Development Officer.

### Divisional Development Committees

Just as there are three divisions, so too are there three DVDCs, one each for Voi, Taveta, and Wundanyi.

These committees came into effect in 1980. Since then they have met about twice every year.

### Locational Development Committees

These are 13 in number. They meet as often as the chiefs call them, but not less than twice a year.

### Taita Taveta County Council

Its sub-committees are:

- Finance, Establishment and General Purposes Committee.
- Town Planning, Trade and Markets Committee.
- Agrarian and Social Services Committee, including Public Health.
- District Urban Plot Allocation Committee.

A full council meeting is held quarterly. One of the meetings is the mandatory Annual General Meeting.

### Voi Town Council

Apart from the full Council meetings there are the other committees which also meet, as explained for the Taita-Taveta County Council.

### District Education Board

This committee has not met in the last five years. The Ministry of Education should be asked to revive it.

### District Community Development Committee

The committee meets to consider grants to self-help projects in the district. Other sub-committees of this main committee are at the divisional level. The Committee is chaired by the District Commissioner and the Secretary is the District Social Development Officer.

### District Trade Development Joint Loans Board

This committee is chaired by the District Commissioner, and the Secretary is the District Trade Development Officer. The purpose is to disburse small-scale loans (up to a maximum of Kshs. 20,000) to up-coming traders. Such loans are meant to be recovered within a period of 5 years.

### Divisional Land Control Boards

These are chaired by the various District Officers in Divisions, who authorize and control land transactions there. The Secretary to these meetings is the District Land Registrar. The gazetted Boards are:

Wundanyi Land Control Board  
Taveta Land Control Board  
Voi Land Control Board

### District Agricultural Committee

The District Commissioner is the Chairman, and the District Agricultural Officer is the Secretary of the DAC. This committee meets at least three times in a year. Its sub-committees are found in the divisions.

### District Wildlife Compensation Committee

This committee is chaired by the District Commissioner and the Secretary is the Game Warden. It meets when the compensation claims are received by the District Game Warden. Recommendations of the committee are forwarded to the Ministry of Tourism and Wildlife which releases the compensation cheque to the District Commissioner to be paid to the farmers.

## OTHER RESOURCES IN THE DISTRICT

### Minerals

Presently, only gemstones found at Tsavo West National Park form the minerals exploitable in the district. However, the recent report by TARDA indicates that the district has nine untapped mineral resources, namely graphite at Chawia and Mwatate; marble in the Taita area; asbestos at Mwakinyambu; iron-ore at Mtonga Hills; kaolin at Mgambonyi, mica at Mgage; kyanite at Murka; red corundum at Kishushe; and tsavorite at Mgama and Mindi.

### Wildlife

Some 62% of the District is occupied by the Tsavo (West and East) National Park, yet the statistics available show that the County Council and the local communities derive little economic benefit from these vast lands. The population of the wildlife and their varieties are given below.

TABLE 1.23

WILDLIFE POPULATION

<u>Species</u>	<u>Population in 1977</u>	<u>Population in 1978</u>
Elephant	15301	19663
Buffalo	2872	2377
Giraffe	3717	2113
Zebra	18644	20647
Rhinoceros	1083	264
Lion	377	624

Source TARDA, 1982

Although these figures are both estimates and dated, some of the species show a decline in number, which might be explained by the high rate of poaching in the parkland. But it remains that the wildlife is a resource which has not been fully utilised for the benefit of the local communities, even though it occupies the lion's share of the district area.

Water Catchment Basins

Earlier the existence of major river basins in the district was mentioned. These basins include: Lumi Basin, Voi River Basin, Mwatate River Basin, and Tsavo/Galana River Basin. Water engineering studies indicate that the first three basins have high potential and the development is possible of water projects for livestock, human and wildlife uses, irrigated agriculture, fisheries, industrial requirements, and hydro-power. Irrigation agriculture has been tried in the Lumi Basin within Taveta Division, and the results are encouraging. Tsavo/Galana River Basin has the potential for water supplies for human use, and wildlife and probably hydro-power. The harnessing of these water resources will not only ease the anticipated population pressure but also contribute to uplifting the standard of living of the population on the lowlands.

## Chapter Two

### DISTRICT DEVELOPMENT STRATEGY AND PRIORITIES

### DISTRICT DEVELOPMENT POLICY

Under the umbrella of the National Development Plan theme, "mobilising domestic resources for equitable development," the district should likewise mobilise its resources to alleviate its existing district-wide problems. Such problems include poor farmers living in the lowlands, the population pressure in the high and medium potential areas, landlessness, and underdevelopment of rangelands.

While it appears the district consumes more than it produces, it has the capacity to increase food production. The district imports dairy goods, but at the ranches there is a waste in dairy products, especially milk, due to the lack of marketing channels and storage facilities. Water resources lie idle or underutilised because efforts have not been made to develop such resources.

The policy will be to mobilise the above resources and maximise their linkages. The policy strategy will endeavour first to develop the lowlands (arid and semi-arid areas), such that the landless, the poor farmers and the displaced from over-populated areas can be settled down to become economically active. The water catchment basins will be the likely areas to start this endeavour, especially for agriculture. Once this is done, other activities will follow, namely livestock development, fisheries, etc. Secondly, in the high and medium potential areas, ways of improving cultivated land and the opening of new land for food production will be introduced. Finally, to encourage livestock development, ranch rehabilitation and dairy improvement, along with provision of marketing channels and facilities, will be introduced.

In summary, the overall district development policy in the next five years will aim at mobilising the local resources so that the district can feed itself as well as alleviate the socio-economic constraints retarding the well-being of the local community.

#### Production Development Policy

It is necessary to interpret existing national crop and livestock policies so as they fit conditions in the district. Simply, the two major production sectors, and to some extent the fisheries and forestry sectors, will try to feed the ever-increasing population, up to the nutritional standards.

To achieve this will require opening of new agricultural areas and also improving on the crop production of the existing cultivated areas. Upgrading of dairy cows, assistance to the ranches and establishment of marketing channels will boost the livestock development sector, increasing milk and meat production and also higher income levels.

Introduction of a new agricultural extension programmes, as well as new and tested ideas, will be the key to achieve increased yields from the farms. Also, achievement of this target will require concerted and coordinated efforts of other sectors, especially physical infrastructure and social services. For instance, farmers need to be educated on various methods of soil and water conservation. Therefore, irrigated and rain-fed agriculture for varieties of crops will be the vehicle to increase food production in the district.

Last but not least, the Taita-Taveta DDC feels strongly that much more active and substantial measures need to be taken by Government to protect humans, crops and livestock from the encroachment and destruction caused by the Park's wildlife.

#### Physical Infrastructure Development Policy

The physical infrastructure sectors are complementary to the production sectors. Their failure to be in place will imply a halt to the operation of the production sectors. For instance, water supplies for livestock and feeder-roads used to transport produce to the market and inputs to the farmers are needed. This calls for coordination and integration of projects in the operation of the physical infrastructure sectors with the production sectors.

#### Social Services Development Policy

Like the physical infrastructure sectors, the social service sectors will also support and complement activities in the production sectors, so as to accomplish the task of feeding the district with its own local resources.

To participate positively in economic development, one needs to be healthy, nourished, educated and well informed. The production sectors and its complementary sectors will aim at this. It is the role of the social service sectors to facilitate this. Therefore, the social services sectors will act as catalysts in development.

Last, but not least, efforts will continue to establish an Arid and Semi-Arid Lands Programme for the entire district. Several donors have been contacted and it is expected that such a Programme will be funded during the Plan period, with a focus on soil and water conservation, small-scale water development, afforestation, livestock and crop improvements, and support to income-generating activities, particularly those of village polytechnics and women groups.

The following section lists, by sector on Ministry, the proposed priorities for the 1984/88 Plan period. These priorities originated from a number of different sources, namely the DDC, DVDCs, and District Department Heads. These listings do not include all project proposals and government activities, but only major ones considered by the district.

TABLE 2.1

PROJECT AND PROGRAMME PRIORITIES:

AGRICULTURE

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
1.	Soil and Water Conservation	Mbololo Catchment	Ministerial	New Project	To be impemented by MOA & LD
	Description: To make use of the rain-water in the area, by trapping of run off water.				
2.	Soil and Water Conservation	Mwatate Catchment	Ministerial	New Project	Implemented by MOA & LD; be funded by FAO
	Description: Covering 5,500 hectares of the upper catchment of Mwatate River. It will conserve water from Mwatate river catchment.				
3.	SIDA Soil and Water Conservation Project	Entire District	Ministerial	On-going	Implemented by MOA & LD; be funded by SIDA
4.	Irrigation Programmes Kimorigo, Kamleza, Kimala A&B and Kitobo	Chala, Kimala C,	Ministerial	New project	MOA & LD
	Description: Construction of new schemes at Chala and Kimala, and rehabilitation of the old ones at Kimala A & B, Kimorigo, Kamleza, and Kitobo.				

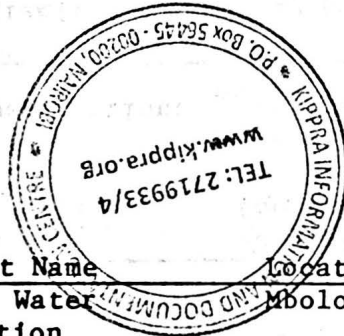




TABLE 2.1 (Continued)

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
5.	Sub-Surface Dams	Along Voi River	Ministerial	New Project	MOA & LD
	Description:	Part of the utilisation of the water basins and soil and water conservation programme.			
6.	Horticultural Production Project	Wundanyi Division	Ministerial	On-going	MOA & LD
	Description:	Provide credit to farmers, organise better marketing .			
7.	Small-holder Coffee Improvement Project	High and medium areas of the District	Ministerial	On-going	MOA & LD
	Description:	Credit and extension services to farmers, as well as staff training			
8.	Co-operative Production Credit Scheme	Taita Farmers Cooperative Society	Ministerial	On-going Project	MOA & LD
	Description:	Provision of short-and medium-term credit to farmers.			
9.	Seasonal Credit Scheme	High potential area and irrigation schemes	Ministerial Project	On-going	Funding through AFC but MOA & LD will implement the project
	Description:	Provision of credit to farmers in high potential areas and the irrigation schemes.			

TABLE 2.1. (Continued)

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
10.	Rice Production	Taveta	Ministerial	On-going Project	MOA & LD
Description:		Expansion of rice production in the Taita Division, as part of the District Development Policy to improve on the food production.			
11.	Tree Nurseries Sagalla and others	Msau, Taita FTC,	Ministerial	On-going Project	MOA & LD
Description:		To provide seedlings for soil conservation programme, horticultural production and general crops.			



TABLE 2.2.

PROJECT AND PROGRAMME PRIORITIES

Priority Ranking	Project Name	Location	LIVESTOCK		Proposed Implementing Ministry or Funding Agency
			Origin	Selection Criteria	
1.	Improvement in Milk and Beef Production	Taveta, Wundanyi and Voi Divisions	DDC	On-going Project	MOA & LD
	Description:	Provision of Artificial Insemination and Bull Camps' Services. Also the initiation of livestock multiplication centre at Funju. Taveta is singled as a top priority Division to start the Artificial Insemination.			
2.	Auction Rings	Selective areas of the three Divisions	DVDC	New Project	Partly funded by County Council and MOA&LD for implementation by the Ministry.
	Description:	To be located at Chala, Timbila, Maktau, Kishushe, Kasigau and Mto-wa-Mwagoti; expected to provide a readily available market for livestock owners, as well as help destock pastoral areas which are overgrazed.			
3.	Honey Refining Plant	Taveta	DDC	On-going Project	MOA&LD
	Description:	To promote bee-keeping production which has great potential in Lumi basin and the ranches. Production can be expected to increase from 75 tonnes to 88 tonnes.			
4.	Dip Construction	Bura, Chala Sagalla, Mwanda Wumingu Mbololo Chawia, Kasigau	DVDC	On-going Project	MOA&LD
	Description:	To provide dips nearer to the farmers; sixteen new ones to be constructed, hence reduce the distances taken by livestock to travel to the nearest dip. This is			

TABLE 2.2 (contd.)

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
5.	Ranch Water Supplies	At a number of ranches of the District, group and commercial.	Ministerial	New Project	MOWD should fund and implement the project.
	Description:	In order to rehabilitate ranches of all types, water points need to be provided for nine ranches.			
	These ranches are as follows:				
	1. Mbulia group ranch (34,000 ha)	5. Mbale, Bura & Washumbu	D.A.Co Ranches (49,000 ha)		
	2. Kishamba group ranch (12,000 ha)	6. Dawida	D.A.Co Ranches (4,500 ha)		
	3. Oza group ranch (12,000 ha)	7. Kambanga	D.A.Co Ranches (14,250 ha)		
	4. Ndara group ranch (7,000 ha)	8. Wananchi	D.A.Co Ranches (8,496 ha)		
		9. Mwasui (Shakos)	D.A.Co Ranches (2,025 ha)		
6.	Construction of Primary Fire Breaks	For 13 ranches in the District	Ministerial	New Project	MOA & LD
	Description:	To ensure that boundaries of ranches are known and cleared of fire bush. The recommended ranches include Mbale, Bura, Wushumbu, Dawida, Kambanga, Mwasui, Mwananchi, Bachuma Graziers, Kishushe, Mbulia, Ndara, and Kishamba.			
7.	Milk Cooling and Distribution Project	Wundanyi Division	Ministerial	New Project	MOA&LD
	Description:	Assisting the dairy co-operative society in buying and cooling milk before distributing. Also this project will assist in storing excess milk.			
8.	Support Services	All Divisions	Ministerial	New Project	MOA&LD will implement the project.
	Description:	To provide housing, office space and transport for staff members.			
9.	Loans Allocation to Ranches	All operational Ranches	DVDC	On-going projects	AFC, commercial Banks
	Description:	To provide credit for purchased inputs and infrastructure.			

EDUCATION SECTOR (PRIMARY)

As was noted on earlier there is a need for DEB to meet frequently and co-ordinate the operations of Primary Education in the district. So far there exists no information as to how many schools will be required over the Plan period, but judged by the population projections, the children going to school will be more than double the enrolment figure for 1983, 47,359 pupils.

If this figure actually does increase so substantially, more physical facilities will be required and more co-ordination of various donors will be required all the more urgently to meet the increased demand.

TABLE 2.3

EDUCATION SECTOR (HIGHER)

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
1.	Technical High School	Taveta	DDC	New Project	Ministry of Education
	Description: There is no technical school in the district, but there is one needed to provide technical skills to young people there.				
2.	Up-grading Harambee Schools	Mwangeka Sec. School and St. Johns Sec. School.	DDC	On-going Project	Ministry of Education
	Description: Take over the maintenance of these two Harambee secondary schools, and make them Government-aided.				
3.	David Kayanda Technical school	Voi	DDC	New Project	Ministry of Education but started on Harambee basis.
	Description: To open a technical school at a piece of land dominated on Harambee basis by the people of Voi, especially the late David Kayanda.				

TABLE: 2.4

WATER SECTOR

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
1.	<b>Maungu-Buguta Rukanga Waterline project</b>	Maungu, Buguta and Rukanga	DDC	On-going Project	MOWD
	<b>Description:</b>	The completion of this water project, which is an extension of Mzima pipeline, will provide water for human and livestock use, and also for small-scale irrigation.			
2.	<b>Taveta-Lumi water project</b>	Lumi Basin	DDC	New project	MOWD
	<b>Description:</b>	The target is to utilise better the Lumi Basin by providing water for human use.			
3.	<b>Mwikipitau water project</b>	Wundanyi	DDC project	On-going	RDF/MOWD
	<b>Description:</b>	This project was funded in instalments through RDF, where the last instalment has not been delivered yet.			
4.	<b>Mwakui-Wongonyi Water Project</b>	Mwakui and Wongonyi	DDC	New project	RDF or other source like EEC or NGO, but implemented by MOWD.
	<b>Description:</b>	This project was estimated to cost Ksh 1.5 million, and application was made for RDF funding, or other sources. The project will serve a section of the district that has enormous water problem.			

TABLE: 2.4 (Continued)

WATER SECTOR

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
5.	District Water Office	Voi	MOWD	New Project	MOWD
	Description:	The District Water Offices are temporary in nature. Permanent buildings should be put up.			

TABLE: 2.5

TRANSPORT AND COMMUNICATION

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
1.	Road D540 Mwakinungu- Rong'e Juu- Wongonyi	Mwakinungu Rong'e Juu and Wongonyi	DDC	On-going	MOTC
	Description:	Improvement of this road by proper repair and maintenance will assist in the transportation of fruits, vegetables and forestry activities.			
2.	Wanganga-Rong'e Juu Road	Wanganga and Rong'e Juu	DDC	On-going project	MOTC and DDC
	Description:	This project was started on Harambee basis and it seems it will not be completed unless some external assistance is provided.			

TABLE: 2.6.

CULTURE AND SOCIAL SERVICES SECTOR

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
1.	Voi Stadium	Voi	DDC	On-going	MOCSS
	Description:	Completion of Voi Stadium which has been an on-going project since the last Plan period.			
2.	Bura Vocational Rehabilitation Centre.	Bura	Ministerial	On-going project	MOCSS
	Description:	Additional dormitories and workshops to cope with the increasing enrolment.			
3.	Village Polytechnics project	Entire district	Ministerial	On-going project	MOCSS
	Description:	Grants for staff salaries, tools and equipment and also building construction.			
4.	Werugha Multi-purpose Training Centre	Werugha	DVDC	On-going project	MOCSS, DDC, Harambee
	Description:	Werugha Multi-purpose Training Centre will offer various training opportunities to the local community.			



TABLE 2.7

TOURISM AND WILDLIFE

Priority Ranking	Project Name	Location	Origin	Selection Criteria	Proposed Implementing Ministry or Funding Agency
1.	Water Holes & Dams South of Galana	Along Galana River	Ministerial	Rehabilitation	MOTW
	Description:	The existing water holes and dams require complete rehabilitation, so as to hold more water for longer period during the dry season. This will assist in restricting game animals from moving into adjacent ranches in search of water.			
2.	Gates at Park entrances and water supplies	Mtito Andei, Sala, and Ithumba	Ministerial	New Project	MOTW
	Description:	To replace the existing gates with up-to date ones which have double entrance with central office armoury and water supplies.			
3.	Physical facilities	New Roads South of Galana River and Yatta plateau; Voi Education Centre staff houses at Park HQs, etc.		Some of the projects are on-going and others new	MOTW
	Description:	These projects will increase the effectiveness of the staff members to work at the Park .			

TABLE 2.8

FISHERIES SECTOR

Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
1.	Fisheries Development Project.	Lakes Chala and Jipe	DDC	New project	MOTW
Description: There is underutilised potential at the two lakes. Desilting at Lake Jipe and construction of dams to prevent silting at Lake Chala are needed.					

COMMERCE AND INDUSTRY

Given the problems faced in last Plan period, this sector will endeavour in the future to ensure that the businessmen have basic managerial skills. Assistance will be provided for producers especially in exploiting the industrial potential of the district.

Therefore as a development policy, a high degree of competitiveness will be created in both the commerce and industry sectors. Table 2.9 sets out the 1984/88 priorities for this sector.

TABLE 2.9

Priority Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
1.	KIE Programme	Taveta	Ministerial	On-going Project	KIE
Description: The extension of RIDC Taveta Division by constructing factory sheds where various industrial activities will be accommodated and also assisting small-scale businesses to take off.					
2.	Small-scale, Non-agriculture Activities	Voi and Wundanyi	Ministerial	On-going project	MOCI
Description: To start small scale non-agricultural activities like carpentry workshops, clay works, posho mills, printing press etc.					

HEALTH SECTOR

The health policy aims at the better provision of preventive and promotive services to the public through the already existing health institutions. It is felt that the three district hospitals are fairly equipped to implement the policy strategy of providing preventive and promotive health services. However, additional supportive services for the members will be required to implement effectively the policy. As many of the dispensaries in the district are underutilised, these facilities will be up-graded to the standard that their services can be utilised fully by the public.

TABLE: 2.10

Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
1.	Upgrading of dispensaries	Centres with dispensaries, e.g. Mwambirwa, Nyache Sagalla etc.	DDC	On-going Project	Ministry of Health
	Description:	To decentralise the provision of medical services and better utilise the existing physical facilities			
2.	Extension of Voi District Hospital	Voi	DDC	On-going Project	Ministry of Health
	Description	To cope with the increasing demand for medical services, the Voi District Hospital needs to be extended.			
3.	Environmental Sanitation Programme	Many parts of District	Ministerial	New Project	Ministry of Health
	Description	Working together with the County Council to construct a sewerage system in the district and a control system for common diseases like Bilharzia.			

TABLE: 2.10 (Continued)

Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
4.	Hospital Staff and Housing Programme	Voi, Wesu and Taveta District Hospital	Ministerial	On-going Project	Ministry of Health
	<b>Description:</b>	To staff fully the three District Hospitals and provide adequate housing.			

TABLE: 2.11

CO-OPERATIVES DEVELOPMENT SECTOR

Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
1.	Farmers Co-operative Union	Wundanyi	DDC	New Project	MOCD
	<b>Description</b>	Allocation of funds to revive the former Farmers Co-operative Union, which will aim at facilitating the marketing of produce from farmers.			
2.	Agricultural Co-operatives	Mrugua and Mgambonyi and Office Block	Ministerial	New Project	MOCD/SCIP
	<b>Description</b>	Construction of new factories at Mrugua and Mgambonyi. Also the construction of office block.			
3.	Multi-purpose Co-operatives	New irrigation schemes (Taveta)	Ministerial	On-going Project	MOCD
	<b>Description</b>	Expansion of cotton production in the irrigation schemes, along with other cash crops, and export of varieties of produce.			

TABLE 2.11 (contd.)

CO-OPERATIVES DEVELOPMENT SECTOR

Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
4.	Other Co-operatives- Ranches, Dairy, Fisheries, Consumer, Bee-keepers, Savings and Credit.	Entire district	Ministerial	On-going Project	MOCD
	Description	Provision of transport, office space, managerial training, inputs from other sectors like water, roads, etc.			
5.	Expanding the District Co-operative office	Entire District	Ministerial	On-going Project	MOCD
	Description	The new projects and programmes will require more officers from MOCD, who in turn will require additional transport, office space and housing.			

LANDS AND SETTLEMENT SECTOR

It was mentioned earlier how vital the area of Lands and Settlement is to the general development efforts. The district consists of large tracts of trust and state land, which is often either underutilised or idle.

The land adjudication exercise has not been completed in the District. It is planned that by the year 1988, all the 50 sub-locations in the district will be covered by the land adjudication exercise.

The Surveys section will assist in this exercise by providing aerial photography and photo enlargements. All this requires logistic support in the form of housing, office space and transport to provide services to be

ENVIRONMENT AND NATURAL RESOURCES

Ranking	Project Name	Selection Location	Origin	Criteria	Proposed Implementing Ministry or Funding Agency
1.	Rural Afforestation Extension Scheme	Mgange Nyika	Ministerial	New Project	MENR
	Description:	A new nursery to be opened to cater for the upper zone region of the district. This will require new water supplies and new buildings to be provided.			
2.	Maintenance of Rural Afforestation Stations	Voi and Taveta Nurseries	Ministerial projects	On-going	MENR
	Description	Additional transport, plant, equipment, and personnel are required at these stations.			
3.	Chiefs' Nurseries	7 Locations project	Ministerial	On-going	RDF/DDC or MENR
	Description:	Additional Chiefs' nurseries in locations not yet covered by the Programme are needed. This will require additional personnel, water supplies and buildings.			
4.	Institutional Tree Nurseries	Entire District	MENR	On-going	MENR, Self-help, DDC
	Description:	Additional nurseries in various institutions such as schools, village polytechnics, GK prisons and other organisations such as Maendeleo ya Wanawake (ref. to Green Belt Movement).			
5.	Gazettement of Forest Areas	Entire District	MENR	New Project	MENR
	Description:	Gazettement of all forest areas in the district. There is only one gazetted forest (Kasigau). The rest are not gazetted; including the hilltops which were earmarked for afforestation by the County Council.			

Appendix A.I provides additional details on the specific requirements for MENR projects and staff in the District.

PROVINCIAL ADMINISTRATION

Some of the district's locations and sub-locations were created recently, which means offices have not been constructed yet. Examples are Mwatate Location, Wumungu Location, Voi Location and Challa Location.

In previous DDC meetings recommendations have been recorded that Wundanyi Division should be split into two: one division to have Mwatate, Bura, Chawia and Mwanda Locations and the other division to have Mbale, Werugha and Wumungu Locations, but complications arose because this involves changes in constituency boundaries which fall under the powers of the Electoral Review Commission.

During the Plan period 1984-88, it will be necessary to move the office of the District Officer Wundanyi out of the District Headquarters buildings. This has to be done because other departments have expanded due to decentralization, e.g. the Accounts Section, Supply Section, etc. The proposal to divide Wundanyi Division into two should, be taken into account when siting the present District Officers Office once out of the District Hq. Building.

Office accommodation in the District Commissioner's Office needs to be expanded for reasons stated above.

Taveta Divisional Headquarters has been given DDC priority during the Plan period. Construction of the office building should have a provision for staff quarters.

In summary the proposals for offices and staff quarters are for 1984/88 as follows:

- |                       |            |                                      |
|-----------------------|------------|--------------------------------------|
| <u>Chiefs Offices</u> | 1. Chala   | - Already started, needs completion. |
|                       | 2. Mwatate | - New                                |
|                       | 3. Wumungu | - New                                |
|                       | 4. Voi     | - New                                |

- |                                |              |                    |
|--------------------------------|--------------|--------------------|
| <u>Divisional Headquarters</u> | 1. Taveta )  | - to include staff |
|                                | 2. Wundanyi) | quarters.          |

District Headquarters                      Expansion of office accommodation.

Pool Housing                      Proposals which were forwarded to Office of the President for pool housing are as follows:

	<u>Housing Category</u>				TOTAL
	C	D	E	F	
Wundanyi (Division and District Hqrts.)	18	37	147	194	396
Voi	1	8	52	61	122
Taveta	-	8	31	54	93
	19	53	230	309	611

Government Vehicles

The District Planning Committee has discussed the envisaged constraint on transportation during the implementation of the District Focus for Rural Development. The following was a recommended establishment of vehicles for the Provincial Administration

- |                       |  |
|-----------------------|--|
| District Headquarters | 1 Staff Car  |
|                       | 2 Land Rover Caravans  |
|                       | 1 Land Rover Pick Up   |
|                       | 1 Nissan (14 Seater)   |
|                       | 2 Lorries (one tipper)   |
|                       | 1 Bus  |
| Divisions             | 3 Land Rover Pick Ups for the 3 Divisions,- Voi, Wundanyi and Taveta |

Explanation for the Requirements

- |                                   |  |
|-----------------------------------|--|
| i) District Commissioner          | 1 Land Rover Caravan   |
|                                   | 1 Staff Car  |
| ii) District Development Officer  | 1 Land Rover Caravan   |
|                                   | This will enable sharing of transport during projects inspection with other departmental heads   |
| iii) Group Visits to Field        | A Nissan Mini Bus would be convenient for group visits to projects, barazas etc.   |
| iv) 2 Lorries                     | One would be used for normal administrative duties, eg. transfer of Administration Police and other Officers whereas the tipper would be used for carrying materials for projects. The tipper would be for development projects. |
| v) Transport for DOs              | Each D.O. needs a Land Rover Pick Up.  |
| vi) Training session participants | The Bus would be used for tours and transporting participants during training sessions.  |



TABLE 2.13

LOCAL AUTHORITIES - COUNTY COUNCIL OF TAITA/TAVETA

<u>Priority Ranking</u>	<u>Project</u>	<u>Location</u>	<u>Origin</u>	<u>Selection Criteria</u>	<u>Proposed Implementing Ministry or funding Agency</u>
1.	Water Supplies	Mwatunge Ngange, Nyika Kichingima Josa	County Council	On-going and new projects	County Council, Ministry of Local Government and MOWD

**Description:** Extension of Mwatete Water supply to Mwatunge, and improvement of rural water supplies in the other rural centres.

2.	Social Amenities	Wundanyi and Taveta	County Council	On-going	MOCSS
----	------------------	---------------------	----------------	----------	-------

**Description:** Construction of cultural centres cum social halls at Wundanyi and Taveta. Also the completion of stadia at Wundanyi and Taveta, and if possible play/sports grounds in other 11 rural centres.

TABLE 2.13 (continued)

<u>Priority Ranking</u>	<u>Project</u>	<u>Location</u>	<u>Origin</u>	<u>Selection Criteria</u>	<u>Proposed Implementing Ministry or funding Agency</u>
3.	Rental Housing Scheme	Wundanyi, Taveta, Mwatate	County Council	New and on-going programme	National Housing Corporation will provide the funds while the County Council will implement.

**Description:** 100 units in each site, will be phased into two, to enable the implementation. Also lodges and hotel will be expanded and some rental houses will be built at the main 12 rural centres.

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4.	Miscellaneous Projects	Wundanyi Township Mgange, Nyika Msau	County Council	On-going projects	Funds will come from L.G.L.A. and implementation will be supervised by the Council.
----	------------------------	--	----------------	-------------------	---

**Description:** The first miscellaneous project will be feasibility study on sewerage in Mwatate, Taveta and Wundanyi. Other projects will be markets construction at Taveta town, Wundanyi town, Ngange, Nyika and Msau. Also a petrol station should be constructed at Wundanyi.

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LOCAL AUTHORITIES

VOI TOWN COUNCIL

Voi Town, with an area of 118 sq. km. and a 1979 population of 7397, was upgraded from an Urban Council to Town Council in July 1982. Depending on the availability of funds, i.e. grants from the Ministry of Local Government, the following are the development priorities for 1984/88:

-Town Hall and Offices: According to the physical development plan of the town a site has already been earmarked for the construction of the Town Hall. At present the Council personnel are accommodated in a former County Council Beer Hall which has been converted into offices. Office accommodation is, however, far from adequate.

-Street Lighting: This is a necessary project for the security of the urban residents. Theft and burglary can be considerably reduced by undertaking this activity.

-Roads and Drainage: Bitumenisation of the town streets and construction of rain drains, although expensive, is a necessity. At present it is only the Mombasa-Nairobi trunk road A109 which has tarmac, passing through the town of Voi.

-Sewerage System: The Ministry of Local Government needs to look around for funds, including external funding, to develop a central sewerage system for the town.

-Housing: The Town Council needs to develop a rental housing estate for its staff and also for renting to other tenants. To start with 100 units of various categories would be quite adequate. In addition the site and service scheme should be completed and individuals who have plots in town should develop them. It is hereby recommended that the Commissioner of Lands could be asked to repossess plots which have not been developed in a period of four years since the issue of lease. Such plots could be re-advertised for allocation to people who are able and interested in the development of the town.

-Water Storage: At present the town gets its water from the Mzima Pipeline enroute to Mombasa. Should there occur a break between the town and the source the entire town will have no water. Water storage facilities are necessary so that water can last at least a day or two during such emergencies. In addition, plans must be started for an alternative source of water for the town. During the Plan period 1984-88 it is suggested that studies for an alternative source of water be undertaken.

-Industrial Development: The Rural Industrial Development Centre has 10 sheds for various individual ventures such as tailoring, timber works, bakery, chillies processing, etc. The Voi Industries crushes cotton seed into edible oil and cattle cake. Bata Shoes has a centre for processing of shoes. These activities have less than 200 employees.

-Education: The town has one secondary school and four primary schools. There is need to have a second secondary school and to expand the existing primary schools to cater for larger intake of children. A technical secondary school to be called David Kayanda Technical School had been proposed by the DDC to start on harambee. Land is available, approximately 44 acres. Other commercial studies, such as secretarial typing, bookkeeping etc, should be recommended for individual ventures.

-Voi Stadium: It has been recommended elsewhere in this Plan that construction of the stadium which was started in the first half of 1983 should be completed as a priority project.

-Voi Hospital: Voi District Hospital has been recommended for expansion to give adequate service to the people of the division. In addition, plans should be started at this early stage to site a health centre possibly at Sofia- in order to filter minor cases and thus save the hospital from congestion.

APPENDIX A-1

The following tables show the physical facilities and personnel requirements for MENR staff and projects in the district.

PLACE	NATURE OF HOUSES	NO.	TOTAL AMOUNT IN £
Bura	Village houses	10	12,500
	F. Guard Houses	1	1,500
Sagalla	Office and store	1	5,000
	Class 9 house	1	4,000
	Village houses	7	8,750
	F. Guard houses	2	3,000
Rong'e	Village house	10	12,500
	F. Guard houses	3	4,500
Taveta	Office and store	1	5,000
	F. Guard house	1	1,500
	Village houses	7	8,750
Irizi	F/A Class 9 house	1	4,750
	F. Guard house	1	1,500
	Village House	6	7,500
Kinyesha/Mvua	F. Guard	1	1,500
	Village houses	5	6,250
Wundanyi	Office store	1	5,000
<b>Total</b>			<b>93,500</b>

New Road Construction: New road network will make plantations and planting areas accessible. The network will be as follows:-

Place	Length in Km.
Sagalla	6Km
Rong'e	10Km
Taveta	7Km
Mwandongo	5Km
<b>Total</b>	<b>28Km.</b>

The above roads will be expected to cost about £ 30,000.

Nursery Expansion: The following nurseries will be expanded follows:-

<u>Nursery Site</u>	<u>Expected Seedlings Capacity (No)</u>
Wundanyi	1,000,000
Bura	1,000,000
Rong'e	200,000
Sagalla	200,000
<b>Total</b>	<b>2,400,000 per year</b>

Water Supply: The following necessities are to be considered the expansion of the above nurseries:-

	<u>Cost</u>
i) <u>Bura Nursery</u>	
a) Pipes and concrete tank and accessories 4,000 Gallons	£ 2,500
ii) <u>Wundanyi Nursery</u>	
Pipes and storage tank (water) G.l. 3 x 1000 gallons and other accessories	450
iii) <u>Sagalla Nursery</u>	
Pipes and water storage tank concrete (4,000 gallons)	2,500
iv) <u>Rong'e Nursery</u>	
Pipes and water storage tank 2x1000 gallons and accessories	300
<b>Total</b>	<b>£ 5,750</b>

Manpower: As a result of expansion of nurseries and enhanced wo capacity, the following labour is required:

<u>Forest post</u>	<u>Nature of staff</u>	<u>No. required</u>	<u>Cost</u>
i) Bura	Nursery labour	20	
	Night watchmen	4	
	Nursery H/Man	1	£12,000
	Forest Assistant	1	840
ii) Sagalla	Nursery Labour	18	
	Night watchman	2	
	Field Labour	20	
	Forest Assistant	1	
	Forester	1	22,440
iii) Rong'e	Field labour	20	
	Nursery labour	10	
	Nursery H/man	1	14,800
iv) Wundanyi	Nursery labour	10	4,800

Manpower (cont.)

<u>Forest post</u>	<u>Nature of staff</u>	<u>No. required</u>	<u>Cost</u>
v) Irizi	Field labour	7	-
	Forest Assistant	1	3,500
	Forest Guard	1	3,500
vi) Taveta	Field labour	15	-
	Forest Assistant	1	-
	Forest Guard	1	8,400
vii) Kinyesha / Mvua	Forest Guard	1	600
		- Total	<u>70,880</u>

Addition of Vehicles and Plants: While the existing plants and vehicles are not fully utilised due to shortage of funds to keep them on the move, some are grounded and out of order. More funds are needed for their running and maintenance.

The expected additions are as follows:-

<u>Type of Vehicle/Plant</u>	<u>Purpose</u>	<u>Cost</u>
1) 3 Tractors with trailer for Taveta, Rong'e and Sagalla	Material delivery	£400,000
ii) 3 Light vehicles (Land Rovers for Taveta, Kasingau and Wundanyi.	Field supervision	£300,000
iii) One Lorry 7 tonnes	Material delivery	£ 40,000
iv) 4 V.H.F. radios to be installed at Wundanyi, Rong'e, Sagalla and Taveta	Communication	£ 4,000
v) 2 Water pumps lister engines for Rong'e and Sagalla	Water supply	£ 80,000
vi) 4 Typewriters for Wundanyi, Sagalla, Taveta and Rong'e	Office correspondence	£ 12,000
vii) 4 Motorcycles for Sagalla, Rong'e, Taveta and Kasigau	Field supervision	£ 6,000
viii) 4 Power saws for Wundanyi, Taveta, Rong'e and Kisagau	Timber cutting	£ 15,000
Total		<u>£857,000</u> *****

# TAITA TAVETA

## DISTRICT DEVELOPMENT PLAN





A N N E X

TAITA TAVETA DISTRICT

ANNUAL WORK PROGRAMMES

1984 - 1988

ANNEX

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SECTION I  
ANNUAL WORK PROGRAMME

1983 - 1984

PART I: Annual Work Programme 1983/84

Sector/Ministry	Head	Sub-Head	Item	Project Name	Annual Target (Description)	Development Estimates (K£)
Office of the President	*092	350	410	Voi Police Station	Provision of Sewerage facilities	50,000
Office of the Vice President & Home Affairs	*117	351	220	Manyani Prison	Purchase of Equipment of various types	40,000
	*117	351	410	Manyani Prison	Additional houses	20,000
	*124	350	400	Voi Juvenile Remand Home	Construction of Additional buildings	10,000
Livestock	*284	020	[100		Transport operating expenses	2,000
			121		Installation of Telephones	1,550
			150		Drugs sera & Vaccines	1,850
			151		Purchase of Animals	1,030
			153	Bachuma Research	Farm inputs	460
			250		Maintenance of Station	1,240
			295		Minor Works	1,000
			400		Construction of Buildings	10
			409]		Construction of Water Supply	5,000
					Purchase of prefabs	5,000
					Transport operating expenses	1,000
Agriculture	*245	080	[100		Travelling & Accommodation Expenses	1,000
			110		Purchase of stationary	300
			174	Soil/Water	Miscellaneous other charges	100
			190	Conservation Project	Maintenance of Stations	200
			260		Soil conservation works	10,000
			403]		Minor Works	1,000
			295	FTC, Taita		

\*Projects indicated by an asterisk are expected to continue into 1988/85.

<u>Sector or Ministry</u>	<u>Head</u>	<u>Sub-Head</u>	<u>Item</u>	<u>Project Name</u>	<u>Annual Target (Description)</u>	<u>Development Estimates(Kf)</u>
Health	*342	352	[400	Voi Nurses' Training	Buildings	10
			410	Centre	Tutor's Housing	10
	335	351	228	Kasingu Health Centre	Equipment	10
	*335		411	Mgambonyi Dispensary (Nyache Health Centre)	Buildings	10
	317	350	400	Taveta District Hosp.	Buildings	4,500
Works & Housing	413	300	350	Taveta Electrical	Purchase of Equipment	32,000
			351	Voi/Wundanyi Electrical Department	Office renovations	5,000
			430	Mbogoni Bridge	Construction	17,500
Transport & Communications	*446	350	433	Gravelling Programme	Gravelling major roads in the District	150,000
	465	350			Gravelling or tarmacking of the airstrip	10
	464	350	440	Kilaguni Airstrip	Plant and Equipment	7,500
Culture & Social Services	*906	350	[220	Bura Vocational	Building and minor works	40,000
			400]	Rehabilitation Centre		
Water Development	*563	001	[181	Mwasoko Water Supply	Investigations Planning & Design	8,000
			425]		Construction	10
		002	[181	Taveta Lumi Water	Investigations, Planning & Design	
			425]	Supply	Construction	20,000
		003	[181	Maungu-Buguta	Investigations, Planning & Design	
			425]	Water Supply	Construction	40,000
	004	[181	Oza Water Supply	Investigations, Planning & Design	10	
		425]		Construction	10	

<u>Sector or Ministry</u>	<u>Head</u>	<u>Sub-Head</u>	<u>Item</u>	<u>Project Name</u>	<u>Annual Target (Description)</u>	<u>Development Estimates(K£)</u>
Water Development (cont.)	184	000	[181 425]	District HQs. Water Supply(self-help)	Investigation, Planning & Design Construction	10
	*184	001	425	Mbololo Water Supply (Self-help)	Construction	6,000
	894	351	[181 425]	Voi Urban Water Supply	Investigations, Planning & Design Construction	10
	*894	352	425	Wundanyi Urban Water Supply	Construction	150,000
			353	[181 425]	Mwatate Urban Water Supply	Investigations, Planning & Design Construction
Co-operatives Development	709	300	436	Office-space and housing	Provision of offices and staff quarters at Wundanyi	10
Higher Education	*805	350	400	Government aided Secondary schools	Buildings	16,171
Lands and Settlement	*202	350	400	Department of Lands Registry	Extension of the Registry	5,000

**SECTION TWO**

**TWO YEAR ROLLING PLAN**

**1983/84 - 1984/85**

PART II: Two Year Rolling Plan,  
1983/84 - 1984-85

MINISTRY	PROJECT NAME	TARGET/DESCRIPTION	COMMENTS
Livestock Development	Bachuma Research Station	Building Construction, Water Supply Provision and day-to-day maintenance.	Continuous
	Improvement in Milk and beef production	Provision of AI and Bull camps as well as livestock multiplication	Continuous
	Auction Rings	Selected Locations in the three Divisions to cater for readily available market for livestock	To start 1984/1985 financial year
	Honey Refinery Plant	To promote bee-keeping production in the District	Continuous
	Dip Construction	Additional dip facilities in selected locations as a way to combat tick-borne disease	Continuous
	Water Supplies at Ranches	In order to rehabilitate ranches of all types, water points need to be provided for nine ranches	Continuous



**MINISTRY**

**Education**

PROJECT NAME	TARGET/DESCRIPTION	COMMENTS
Government aided School	Additional Buildings	Continuous
Taveta Technical High School	To begin at least one technical school at the District, to provide technical skills to students.	This is a DDC priority awaiting funds allocation
Up-grading Harambee Schools Programme	To up-grade Mwangeka and St. John's Secondary Schools up to a Government aided Schools standard.	This is a DDC priority which awaits funds allocation

**Lands and Settlements**

District Headquarters Registry	Extension of the Registry at Headquarters.	Continuous
Surveys Programme	In order to cover all the 50 Sub-locations in the District, it will be required to produce aerial photography and photo enlargement.	Continuous

**Tourism and Wildlife**

Waterholes and Dams along South Galana River	Provision of water for wildlife so as to prevent them from moving into adjacent ranches in search of water.	Awaits actions from MOTW
Entrance gates and water supplies	Renovating gates at Mtito Andei, Ithumba and Sala.	Awaits allocations of funds.
Physical Facilities	New roads, and staff quarters, causeway along Athi River and Voi Park airstrip.	Some of the projects are on-going but more funds are required.
Fisheries Dev Programme	To exploit the potential of Lakes Jipe and Chala.	This is a DDC priority

**Commerce and Industry**

KIE Programme	The extension of the RIDC to Taveta Division and also assisting small-scale businesses to take off in the district.	Continuous
---------------	---	------------

MINISTRY	PROJECT NAME	TARGET/DESCRIPTION	COMMENTS
Commerce and Industry (cont.)	Small-Scale Non-agricultural Activities Programme	To assist businesses in small-scale non-agricultural activities in the district.	Continuous
Environment and Natural Resources	Rural Afforestation Extension Scheme	A new nursery to open, to cater for upper zone region of the District. This requires water supplies and new buildings.	This is a new project which awaits funds allocation
	Rural Afforestation Stations	Maintenance of the existing Afforestation Stations.	Continuous
Local Government	Voi Town Council	Provision of a town hall and offices, street lighting facilities, roads and drainage system.	Continuous
	Taita/Taveta County Council	Provision of water supplies at various centres, cultural centre cum social hall, and miscellaneous projects.	Awaits allocation of funds

**MINISTRY****Water Development**

<b>PROJECT NAME</b>	<b>TARGET/DESCRIPTION</b>	<b>COMMENTS</b>
<b>Rural Water Supply Programme</b>	A close follow-up of Projects at Mwasoko, Taveta Lumi, Maungu-Buguta, and Oza, which have been investigated on existent water resources and planning design and construction awaits.	Continuous
<b>Self-help Water Supply</b>	Immediate follow-up of projects which have been investigated, planned and designed at Mbololo and Voi, for construction.	Continuous
<b>County Council and Urban Water Supply</b>	Continuous effort in implementing at Voi, Wundanyi and Mwatate.	Continuous
<b>Maungu-Buguta-Rukanga Water Project</b>	Extension of Mzima Pipeline to these regions will provide water for human and livestock use and also small-scale irrigation.	This is DDC priority and it awaits to be allocated with funds

**Co-operative Development**

<b>Office and Staff quarters.</b>	To provide office space and housing for the staff at Wundanyi.	Continuous
<b>Farmer's Co-operative Union</b>	Grant to revive the former Farmers' Co-operative Union, which will facilitate the marketing of farmers' produce.	
<b>Agricultural Co-operatives</b>	Construction of new factories at Mrugua and Mgambonyi and office block.	This is a DDC priority, which awaits funds allocation.
<b>Multi-purpose Co-operatives</b>	Expansion of the cotton industry at the irrigation schemes and to export various produce.	This is also a DDC priority, awaiting funds allocation.

MINISTRY	PROJECT NAME	TARGET/DESCRIPTION	COMMENTS
Co-operatives (cont.)	Milk cooling and Distribution Project	To assist the dairy co-operative society in buying and cooling the milk before distribution and even the extra milk that cannot be sold.	Continuous
Agriculture	Soil/Water Conservation Project	Extension services and maintenance of soil/water conservation stations.	Continuous
	Irrigation Schemes	Construction of new schemes and rehabilitation of existing ones.	Continuous
Office of the President	Voi Police Station	Provision of sewerage facilities.	It will start late this financial year and be completed in 1984/85 financial year
	Pool Housing	To provide 19 houses of Category "C", 53 houses of Category "D" 230 houses of Category "E" and 309 houses of Category "F" . This will ease the existing housing problem for civil servants in the District.	This project to funded in 1984/85 financial year
Office of Vice President and Home Affairs	Manyani Prison	Provision of equipment of various types and housing facilities.	Continuous, because the projects' activities started late 1983/84

1  
8  
1

MINISTRY	PROJECT NAME	TARGET/DESCRIPTION	COMMENTS
Office of Vice President and Home Affairs (cont.)	Voi Juvenile Remand Home	Additional Buildings.	Continuous
Health	Kasigau Health Centre	Purchase of equipment for the Centre.	The activities will continue to 1984/85, due to late beginning
	Up-grading of dispensaries in the District	Selected locations with dispensaries to be fully equipped to operate as health centres.	This programme will begin in 1984/85
	Extension of Voi District Hospital	To expand the facilities at Voi Hospital to cope with the increasing demand for medical service.	Continuous
Transport & Communications	Mbogoni Bridge	To facilitate the use of the road passing through Mbogoni area, construct a bridge of a high standard.	Continuous
	Road D540(Mwakinyungu -Rong'e juu-Wongonyi)	Proper repair and maintenance of this road, to facilitate transportation of citrus fruits, vegetables and forestry activities from this region.	Continuous
	Wanganga-Rong'e juu Road	To complete this project, which was started on Harambee basis.	Waiting to be allocated funds in 1984/85 financial year
Culture and Social Services	Bura Vocational Rehabilitation Centre	Assisting the disabled to become economically active.	Continuous
	Voi Stadium	To complete the stadium hence facilitate social activities in the District	Continuous
	Village Polytechnics Project	Grant for staff salaries, tools, and equipment for all Village Polytechnics in the District.	

SECTION III

DETAILED IMPLEMENTATION PLANS

1983 - 1984



District: TAITA TAVETA

Fiscal Year: 1983/84

Project or Programme: Soil Conservation Project  
(name)

Vote Number: D10/245/080/100,110,174,190,260,403

(I)	(II)	(III)	(IV)	(V)											
<u>Implementation Activities</u>	<u>Input Requirements</u>	<u>Responsible Individual(s)</u>	<u>Time Required over period of</u>	<u>Implementation Schedule</u>											
				AIE											
				June, 1984											
				1	2	3	4	5	6	7	8	9	10	11	12
1. Transport	AIE to Officer	MOA & LD	12 months	XX											
2. Operating Expenses	I/C														
3. Travelling & Accommodation	-do-	-do-	12 months	XX											
4 Purchase of stationery	-do-	-do-	12 months	XX											
5. Misceallaneous other changes	-do-	-do-	12 months	XX											
6. Soil conservation works	-do-	-do-	12 months	XX											
7															
8															
9															
10															
11															
12															



District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Taveta Electrical Department  
(name)

Vote Number: D31/413/300/350/531

(I) <u>Implementation Activities:</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>											
				AIE						June 1984					
				1	2	3	4	5	6	7	8	9	10	11	12
1 Taveta	Construction & Work	MOW	12 months	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															



District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Taveta Lumi Water Supply  
(name)

Vote Number: D20/563/002/181,182

(1) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III)		(IV)	(V) <u>Implementation Schedule</u>											
		Responsible		Time	AIE											
		Individual(s)		Required	June 1984											
					1	2	3	4	5	6	7	8	9	10	11	12
1 Planning & Design	Design works HQs	Contractor by		12 months	XX											
2 Construction of W/supply	construction of water	Ministry of Water														
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																



District: TAITA/TAVETA

Fiscal Year: 1983/84

Project or Programme: Voi Urban Supply  
(name)

Vote Number: D20/894/351/181,525

(I) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>											
				AIE											
				June 1984											
				1	2	3	4	5	6	7	8	9	10	11	12
1 Planning & Design	Design by MWD HQs	MWD	12 months	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX											
2															
3 Construction of W/supply	Construction	MWD/contractor	12months												
4															
5															
6															
7															
8															
9															
10															
11															
12															



District: TAITA/TAVETA

Fiscal Year: 1983/84

Project or Programme: Mwatate Urban Water Supply  
(name)

Vote Number: D20/894/353/181,425

(I)

(II)

(III)

(IV)

(V)

Implementation Activities

Input Requirement

Responsible Individual(s)

Time Required

Implementation Schedule

1 Planning & Design  
2 Construction of w/supply

Design by MWD HQ  
Construction

MWD  
MWD/  
Construction

12 months  
12 months

AIE										June 1984	
1	2	3	4	5	6	7	8	9	10	11	12
XX											
XX											

District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Kilaguni Airstrip  
(name)

Vote Number: D14/464/350/440

(I)

(II)

(III)

(IV)

(V)

Implementation Activities

Input Requirements

Responsible Individual(s)

Time Required

Implementation Schedule

AIE									June, 1984		
1	2	3	4	5	6	7	8	9	10	11	12
XX											

1 Graveling and tarmacking

Design and construction

MOTC/Contractor

12 months

2  
3

4  
5  
6

7  
8  
9

10  
11  
12

District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: OZA Water Supply

Vote Number: D20/563/004/181,425

(I) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>																																																																																																																																																																																									
				<table border="1"> <thead> <tr> <th colspan="11">AIE</th> <th colspan="1">June, 1984</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> </thead> <tbody> <tr> <td>1</td><td colspan="11">XX</td> </tr> <tr> <td>2</td><td colspan="11">XX</td> </tr> <tr> <td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>												AIE											June, 1984	1	2	3	4	5	6	7	8	9	10	11	12	1	XX											2	XX											3													4													5													6													7													8													9													10													11													12								
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1	Design by MWD HQs	MWD/Consultant	12 months	XX																																																																																																																																																																																									
2	Construction of water supply	MWD/Contractor	12 months	XX																																																																																																																																																																																									
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District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Construction of Land Registries  
(name)

Vote number: D36/202/350/400

(I) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>																		
				AIE						June, 1984												
				1	2	3	4	5	6	7	8	9	10	11	12							
1. Extension of Registry	Construction Works	MOW/LANDS DEPT	12 months	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2																						
3																						
4																						
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11																						
12																						





District: TAITA-TAVETA

Fiscal Year: \*1983/84

Project or Programme: Mbololo Self-help  
(name)

Vote Number: D20/184/001/425

(I) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>																		
				AIE						June, 1984												
				1	2	3	4	5	6	7	8	9	10	11	12							
1. Construction	Direct labour and supply of equipment	MOWD	12 months	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
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District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: VOI JUVENILE REMAND HOME

Vote Number D5/124/350/400

(I)	(name)	(II)	(III)	(IV)	(V)										
<u>Implementation Activities</u>	<u>Input Requirements</u>	<u>Responsible Individual(s)</u>	<u>Time Required</u>	<u>Implementation Schedule</u>											
1.	Design & Contr- uction	MOW/contract	12 months	AIE                             June, 1984											
2. Buildings				1   2   3   4   5   6   7   8   9   10   11   12											
3.				XX											
4.															
5.															
6.															
7.															
8.															
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10.															
11.															
12.															



Project or Programme: Manyani G.K. Prison  
 District: TAITA-TAVETA  
 (name)

Fiscal Year: 1983/84  
 Vote Number: D5/117/351/220,410

(I) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>											
				AIE											
				June, 1984											
				1	2	3	4	5	6	7	8	9	10	11	12
1. Equipment	Authority for Purchase Design & Constr- uction	M.O.H.A	6 months												
2. Housing		MOW/Constr- uction	12 months												
3.															
4.															
5.															
6.															
7.															
8.															
9															
10															
11															
12.															

District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Voi Police Station  
(name)

Voi Number: D1/092/350/410

(I) <u>Implementation Activities</u>	(II) <u>Input Requirements</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>											
				<u>AIE</u>											
				<u>June 1984</u>											
				1	2	3	4	5	6	7	8	9	10	11	12
1. Sewerage Works	Designing & Construction	MOW/Contract	6 months							XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
2.															
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12.															







District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: TAITA District Hospital  
(name)

Vote Number: D11/317/350/400

(I) <u>Implementation Activities</u>	(II) <u>Input Requirem.</u>	(II) <u>Reponsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>											
				<u>AIE</u>											
				<u>June, 1984</u>											
				1	2	3	4	5	6	7	8	9	10	11	12
1. Buildings	Construction	MOW/Contractor	12 months	XX											
2.															
3															
4															
6															
7.															
8.															
9.															
10.															
11.															
12.															

District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Kasigau Rural Health Centre  
(name)

Vote Number: D11/335/351/228

(I)

(II)

(III)

(IV)

(V)

Implementation Activities

Input Require-  
ments

Responsible  
Individual(s)

Time  
Required

Implementation Schedule

AIE										June 1984	
1	2	3	4	5	6	7	8	9	10	11	12

1. Equipment

Authority for  
Purchase

MOH

6 months

XXXXXXXXXXXXXXXXXXXXXXXXXX

2.  
3.

4.  
5.  
6.

7.  
8.  
9.

10.  
11.  
12.

District: TAITA-TAVETA

Fiscal Year: 1983/84

Project or Programme: Voi Nurses Training Centre  
(name)

Vote Number: D11/342/352/400/410

(I) <u>Implementation Activities</u>	(II) <u>Input Requirement</u>	(III) <u>Responsible Individual(s)</u>	(IV) <u>Time Required</u>	(V) <u>Implementation Schedule</u>																			
				June, 1984																			
				AIE	1	2	3	4	5	6	7	8	9	10	11	12							
1. Buildings	Design & Construction	MOH/MOW	12 months	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
2 3. Tutors Housing	-do-	-do-	12 months	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
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