

## 協議関連資料 2. Q/A

(注) 今回調査では質問票を通じて参考資料の収集に努めた。  
従って本質問票への直接的な回答書はない。

2. QUESTIONNAIRES (回答)

**QUESTIONNAIRE**  
**NATIONAL AND DISTRICT LEVEL**

PROJECT TITLE: THE PRELIMINARY STUDY ON THE STRENGTHENING REGIONAL HEALTH SYSTEM IN WESTERN KENYA  
STUDY BODY: JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
DURATION: APRIL 05-28, 1997

To whom it may concern;

Your response to the following questions and comments would help us for evaluation of the necessity and background of your request on the above mentioned development study. We kindly request you to answer the questions or supply us adequate and latest documents/booklets in relation with the following items.

CONTENTS

1. General Background
2. Demand Side of Health Services
3. Supply Side of Health Services
4. International Cooperation
5. Community Movement and WID

Date : \_\_\_\_\_

Respondent:

Name of Organisation \_\_\_\_\_

Address \_\_\_\_\_

Telephone: \_\_\_\_\_ Telex: \_\_\_\_\_

Name of Representative \_\_\_\_\_

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

(注) 今回調査では質問票を通じて参考資料の収集の努めた。  
従って本質問票への直接的な回答書はない。

## 1. General Background

### 1-1. Demographic Data

- (1) Population (age, sex)
- (2) Race and Language
- (3) Population Growth Rate
- (4) Urban/Rural Ratio
- (5) District Area (km<sup>2</sup>)
- (6) Map (proposed Districts and Divisions)

### 1-2. Economic Situation -- latest data / information

- (1) GDP & per capita (5 years)
- (2) Real Growth Rate of GDP (5 years)
- (3) Consumer Price Index (5 years)
- (4) Unemployment Rate
- (5) Revenue & Expenditure (5 years)
- (6) Production of District Industry
- (7) Labour force by Industry

### 1-3. Education (Male/Female)

- (1) Literacy Rate
- (2) Enrolment Ratio (Primary Level)
- (3) Number of Schools (Primary, Secondary & High School)
- (4) Education System

## 2. Demand Side of Health Services

### 2-1. Health Indicators

- (1) IMR, U5MR, MMR, CBR, CDR, TFR, Life Expectancy at Birth, etc.
- (2) Daily Caloric Intake (per capita)
- (3) Access to Water & Sanitation
- (4) Contraceptive Prevalence Rate (CPR), etc.

### 2-2. Disease Structure (age groups and seasons)

- (1) Major Diseases (10 case)
- (2) Major Death (10 case)
- (3) HIV/AIDS
- (4) Childhood Infectious Diseases (EPI preventable)
- (5) Maternal and Perinatal Diseases

### 2-3. Hygiene and Sanitation

- (1) Access to Drinking Water
- (2) Latrine and other Sanitary Facilities
- (3) Waste Disposal
- (4) Environmental Pollution (air, water, etc.)
- (5) Environmental Law/Standard and Environmental Impact Assessment (EIA)

### 3. Supply Side of Health Services

#### 3-1. Health Administration System on each level

- (1) Health Administrative Organisation Chart
- (2) Health Development Policy/Plan
- (3) Progressive of Health Sector Reform

#### 3-2. Health Financing System

- (1) Health Budget
- (2) Revenue and Expenditure (Recurrent/Development focusing on NHIF & FIF)
- (3) Diffusion of NHIF (rate)
- (4) Present Situation of User Charge (FIF)
- (5) Other Funds (ODA, Donation or Harambee, etc.)
- (6) Present Situation of Health Reform

#### 3-3. Health Facilities and Referral System (MOH, NGO, Missionary and Private)

- (1) Number of Health Facilities
- (2) Category, Activities and Health Manpower of the above
- (3) Physical Conditions of Facilities and Equipment
- (5) Bed Occupancy Rate, Patient Catchment Area,  
Number and Type of Patients, etc.

#### 3-4. Health Manpower and Training System

- (1) Number of Doctors, Nurses, Technicians, Midwives, etc.
- (2) Recruitment (How many/where from)
- (3) Training and Restraining Facilities (MTC, RHTC, NGO, etc.)
- (4) Training Method (Subject, Duration, Number of Unit, Certificate, etc.)

#### 3-5. Situation of Control Programmes (On-going/Planned)

- (1) Kenya Expanded Programme on Immunisation (KEPI)
- (2) Control of Diarrhoeal Diseases Programme (CDD)
- (3) Acute Respiratory Infection Programme (ARI)
- (4) Malaria Control Programme (MCP)
- (5) National Aids Control Programme (NACP)
- (6) STD Control Programme (NSCP)
- (7) Nutrition Programme (WFP/KOK:KCC/NGO:CRS/NSFCK)
- (8) National Leprosy and Tuberculosis Programme (NLTP)
- (9) Maternal and Child Health Programme (MCH)
- (10) Family Planning Programme (NCPD/PEPP)

#### 3-6. Medicine, Equipment and other Logistic System

- (1) Procurement and Distribution System
- (2) Supply and Stock Conditions
- (3) Essential Drug Programme (DANIDA/SIDA/MOH:MSCU)
- (4) Role of Private Pharmacies and Traditional Medicine
- (5) Equipment Maintenance/Repairing System (MOH:MTC/GTZ/Private Agent, etc.)
- (6) Blood Bank and Transfusion System (Cold Chain)
- (7) Specimens Examination System and Delivery

### 3-7. Other Related Information

- (1) Emergency Medical Services
- (2) Occupational Health System
- (3) Laboratory and Research Institutes Network
- (4) Health Information System (HIS)
- (5) Health & Environmental Regulations/Standard
- (6) Monitoring and Evaluation Activities for Health Services
- (7) Health Education System
- (8) Continue Education System

### 4. International Cooperation

#### 4-1. Relationship with Donors (On-going and Planned)

- (1) ODA and Technical Assistance by Donors & Budget
- (2) Health Related Programmes of the above
- (3) NGO Programmes

#### 4-2. Coordination among Donors/NGO

- (1) Coordination between Specific Programmes each other
- (2) Coordination of the above with the Government (MOH/MOLG/MPW and Local)
- (3) Coordination Body in each Level
- (4) Intersectoral Coordination; e.g. Environment, Education, Agriculture, Transportation, Communication, WID, etc.

### 5. Community Participation and WID

#### 5-1. Community Participation Movement

- (1) Community Based Projects by self-help or by the Government/Donor/NGO
- (2) Evaluation System on Past/On-going Projects
- (3) Bamako Initiative Programme

#### 5-2. WID (Women in Development) and Others

- (1) WID Programmes
- (2) Welfare Programmes for the Low-Income Group
- (3) Environmental Assessment Programmes

THANK YOU YOUR COOPERATION.  
THIS IS THE END OF QUESTIONNAIRE.

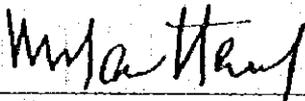


協議関連資料 3. S/W

3. SCOPE OF WORK

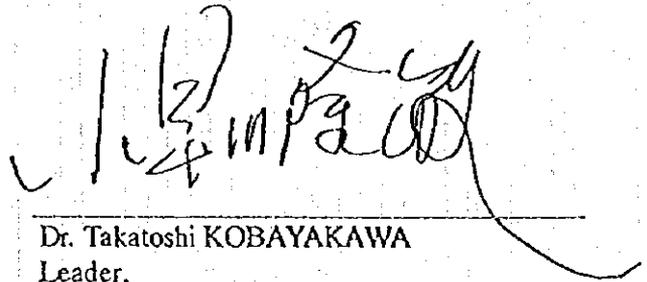
THE SCOPE OF WORK  
FOR  
THE STUDY  
ON  
STRENGTHENING DISTRICT HEALTH SYSTEM  
IN  
THE WESTERN PART OF KENYA  
AGREED UPON BETWEEN  
THE MINISTRY OF HEALTH  
AND  
THE JAPAN INTERNATIONAL COOPERATION AGENCY

Nairobi, April 17th, 1997



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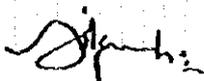
Mr. Mohamed KAITTANY, OGW  
Permanent Secretary,  
The Ministry of Health



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Dr. Takatoshi KOBAYAKAWA  
Leader,  
Preparatory Study Team,  
The Japan International Cooperation Agency

countersigned by



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Mr. J. K. Kinyua  
Financial Secretary  
The Ministry of Finance

## I. INTRODUCTION

In response to the request of the Government of the Republic of Kenya (hereinafter referred to as "the Government of Kenya"), the Government of Japan decided to conduct the Study on the Strengthening District Health System in the western part of Kenya (hereinafter referred to as "the Study") in accordance with the relevant laws and regulations in force in Japan.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programmes of the Government of Japan, will undertake the Study in close cooperation with the authorities concerned of the Government of Kenya.

The present document sets forth the scope of the works with regard to the Study.

## II. OBJECTIVES OF THE STUDY

The overall objective of the Study is to strengthen the District Health System in the western part of Kenya in accordance with the Kenya's Health Policy Framework.

The specific objectives are;

- (1) to make specific recommendations on what concrete steps are needed to restore a comprehensive referral system in the study area,
- (2) to specify those action plans for the components/regions identified to be necessary for the District Health System, which aim to attempt an overall implementation in order to strengthen referral network in intensified areas through the Study, including institutional and capacity building in the Ministry of Health (hereinafter referred to as "MOH"), and
- (3) to conduct technical transfer to the Kenyan counterpart personnel throughout the Study.

## III. STUDY AREA

The Study area will cover the following four(4) districts in the western part of Kenya.  
Bomet, Kericho, Kisii, and Nyamira.

## IV. SCOPE OF THE STUDY

In order to achieve the objectives mentioned above, the Study will cover the following items.

### Phase I : Baseline Study

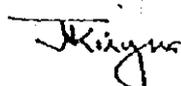
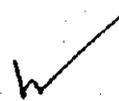
#### 1. Collection and review of existing data and documents on;

- (1) general issues,
- (2) health status (Demand side),
- (3) health service conditions (Supply side),
- (4) sectors and issues related to health,
- (5) progress situation of the related programme.

#### 2. Recognition of other related donors' and NGOs' activities and exchange of opinion.

#### 3. Examination of current conditions with regard to;

- (1) Present organizational and legal aspects for health authority,

- (2) Existing health service institutions and facilities,
  - <facilities and utilities>
  - <management conditions>
- (3) Inventory survey for medical equipment in health facilities,
- (4) Survey for logistics and referral system,
- (5) Present human resources development conditions of health personnel,
- (6) Knowledge, attitudes and practices for patients (KAP survey),
  - <Health service demand side>
  - <Health service supply side>
- (7) Sociological survey, possibility of participatory development and gender analysis, and,
- (8) Financial conditions.

4. Assessment and analysis of the results of the surveys

5. Assessment of current health status and sectors/issues influencing health status and identification of problems to be solved.

Issues to be assessed horizontally are as follows;

- (1) demography and health,
- (2) case management,
- (3) examination system,
- (4) disease prevention system,
- (5) logistics for medical supplies and equipment,
- (6) human resources development,
- (7) health education and people participation,
- (8) other sectors related to health.

Issues to be assessed vertically are as follows;

- (1) reproductive health,
- (2) infectious diseases of endemic importance,
- (3) other infectious diseases including EPI related diseases and HIV infection

6. Setting goals and targets for the strengthening of District Health System and preparation of basic strategies;

- (1) population,
- (2) society and economic, and
- (3) disease and mortality structure.

Phase II : Formulation of basic strategies for the strengthening of District Health System (implementation plan), and of priority programme

1. Supplementary data collection
2. Supplementary field surveys
3. Inter-sectoral strategies for achieving the goals and targets including;
  - (1) strategies specific to health sector,
  - (2) strategies in health-related sectors/issues that lead to the upgrading of the health status of the populace, and
  - (3) integration of strategies in health and health-related sectors.

*Thiriyana*

(h) ✓

4. Formulation of an integrated implementation plan for the improvement of district health system
  - (1) Basic policies
  - (2) Strategies for components including;
    - a. health administration and legal framework,
    - b. health financing,
    - c. health service systems and institutions including referral systems,
    - d. preventive/promotive programmes,
    - e. knowledge, attitudes and practices and education on health,
    - f. human resources development in health,
    - g. health facilities and equipment,
    - h. drug and vaccine supply system.
    - i. safety blood supply,
    - j. water supply and sanitation facilities,
    - k. institutional set-up and co-ordination,
    - l. other factors related to health.
  - (3) Evaluation of implementation plan
  - (4) Formulation of stage-wise implementation plan
  - (5) Identification and formation of priority programmes and identification of essential action plans;
    - (5)-1. basic policies,
    - (5)-2. design of action programme,
    - (5)-3. comparison of alternatives in health services systems and institutions,
    - (5)-4. selection of the best alternative,
    - (5)-5. organization and management plan,
    - (5)-6. facility plan,
    - (5)-7. human resources development plan,
    - (5)-8. rough cost estimation,
    - (5)-9. financial plan,
    - (5)-9. evaluation,
    - (5)-10. implementation schedule.

## V. WORK SCHEDULE

The tentative work schedule is shown in the attached sheet of Annex-1.

## VI. REPORTS

JICA shall prepare and submit the following reports in English to the Government of Kenya.

1. Inception Report:  
Thirty (30) copies at the commencement of the work in the Kenya.
2. Progress Report(1):  
Thirty (30) copies within five (5) months after the commencement of the Study.
3. Interim Report:  
Thirty (30) copies at the beginning on the second work in Kenya of the Study.

*JICA*

*CD*

4. Progress Report(2):  
Thirty (30) copies at the end of the third work in Kenya of the Study.
5. Draft Final Report:  
Thirty (30) copies within thirteen (13) months after the commencement of the Study.  
The Government of Kenya will submit their comments to JICA within one (1) month after the receipt of the Draft Final Report.
6. Final Report:  
Fifty (50) copies within one (1) month after JICA's receipt of the said comments on the Draft Final Report.

## VII. UNDERTAKINGS OF THE GOVERNMENT OF KENYA

1. To facilitate smooth conduct of the Study, the Government of Kenya shall take necessary measures;
  - (1) to secure the safety of the Japanese Study Team (hereinafter referred as "the Team"),
  - (2) to permit the members of the Team to enter, leave and sojourn in Kenya for the duration of their assignment therein, and exempt them from foreign registration requirements and consular fees,
  - (3) to exempt the members of the Team from taxes, duties and any other charges on equipment, machinery and other materials brought into and out of Kenya for the conduct of the Study,
  - (4) to exempt the members of the Team from income tax and charges of any kind imposed on or in connection with any emoluments or allowances paid to the members of the Team for their services in connection with the implementation of the Study,
  - (5) to provide necessary facilities to the Team for remittance as well as utilization of funds introduced into Kenya from Japan in connection with the implementation of the Study,
  - (6) to secure permission for entry into private properties or restricted areas for the implementation of the Study,
  - (7) to secure permission for the Team to take all data and documents (including maps and photographs) related to the Study out of Kenya to Japan, and
  - (8) to provide medical services as needed. Its expenses will be chargeable on members of the Team.
2. The Government of Kenya shall bear claims, if any arises, against the members of the Team resulting from, occurring in the course of, or otherwise connected with, the discharge of their duties in the implementation of the Study, except when such claims arise from gross negligence or willful misconduct on the part of the members of the Team.
3. The MOH shall act as a counterpart agency to the Team and also as a coordinating body in relation with other governmental and non-governmental organizations concerned for the smooth and effective implementation of the Study.

*J. K. Njoro*

*[Signature]*

4. MOH shall, at its own expense, provide the Team with the following items, in cooperation with relevant organizations concerned;

- (1) available data and information related to the Study,
- (2) counterpart personnel,
- (3) suitable office with necessary equipment and furniture,
- (4) credentials or identification cards, and
- (5) appropriate number of vehicles with drivers.

#### VIII. UNDERTAKINGS OF JICA

For the implementation of the study, JICA shall take following measures;

1. to dispatch, at its own expense, the Team to the Republic of Kenya, and
2. to pursue technology transfer to the Republic of Kenya counterpart personnel in the course of the Study.

#### IX. CONSULTATION

JICA and MOH will consult with each other in respect of any matter that may arise from or in connection with the Study.

(6/1) W

*J. K. Singh*

The Study on  
the Strengthening Districtal Health System  
in the western part of Kenya

TENTATIVE SCHEDULE

MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DESCRIPTION															
WORK IN KENYA	■	■	■	■	■		■	■	■	■	■		■		
WORK IN JAPAN	□					□	□					□		□	
REPORT PRESENTATION	▲				▲		▲				▲		▲		▲
	IC/R				P/R(1)		IT/R				P/R(2)		DF/R		F/R
PHASE	← PHASE I							→ PHASE II							

NOTE  
 IC/R : Inception Report  
 P/R : Progress Report  
 IT/R : Interim Report  
 DF/R : Draft Final Report  
 F/R : Final Report

*J. K. Kinyua*

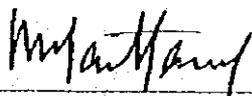
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協議関連資料 4. M/M

4. MINUTES OF MEETINGS

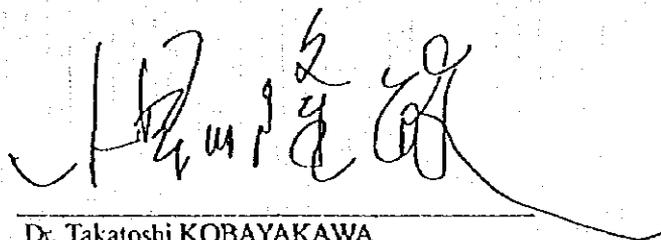
MINUTES OF MEETING  
FOR  
THE SCOPE OF WORK  
FOR  
THE STUDY  
ON  
STRENGTHENING DISTRICT HEALTH SYSTEM  
IN  
THE WESTERN PART OF KENYA  
AGREED UPON BETWEEN  
THE MINISTRY OF HEALTH  
AND  
THE JAPAN INTERNATIONAL COOPERATION AGENCY

Nairobi, April 17th, 1997



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Mr. Mohamed KAITTANY, OGW  
Permanent Secretary,  
The Ministry of Health



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Dr. Takatoshi KOBAYAKAWA  
Leader,  
Preparatory Study Team,  
The Japan International Cooperation Agency

Based on the official request of the Government of the Republic of Kenya, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched to Kenya the preparatory Study Team (hereinafter referred to as "the Preparatory Team"), headed by Prof. Takatoshi KOBAYAKAWA to Kenya from 6th to 19th April, 1997. And the Preparatory Team had a series of meetings with officials of the Ministry of Health (MOH), and some of District Hospitals, Health Centres, and Dispensaries in the visited area by the Preparatory Team. A list of the officials of the Ministries and other organizations is hereto attached in Annex-I.

Through the exchange of opinions and discussions, the Preparatory Team and the MOH reached an agreement on the Scope of Work.

Items discussed in the series of meetings are summarized in the followings:

1. Title of the Study

Originally the Government of Kenya requested the Government of Japan to conduct a development study entitled "the Study on Strengthening the Regional Health System in Western Kenya".

Kenyan side further proposed the Preparatory Team to revise the title of the study as "the Study on Strengthening District Health System in the western part of Kenya", in order to avoid confusion between area-wide health system and Regions as governmental unit and also to avoid misunderstanding of the inclusion of Western Province in the Study area.

2. The Objectives of the Study

The both side agreed to add an underlined phrase described below to the objectives of the Study, in order to clarify the concrete target of realization of the strengthening of the District Health System after completion of the Study.

Item 2) of Objectives of the Study in the Scope of Work:

"to specify the action plans for the components/regions identified to be necessary for the District Health System, which aims to attempt an overall implementation in order to strengthen referral network in intensified areas through the Study, including institutional and capacity building in the Ministry of Health (hereinafter referred to as "MOH"),"

3. The Committees to be organized for the Study

The both side agreed that, for the smooth implementation of the Study, Kenyan side will organize a Steering Committee at central headquarters level and a Technical Committee at district level composed of the Kenyan members listed in the Annex-II.

4. The Study Area

Kenyan side requested the Preparatory Team to include the boundary areas in the proximity districts of Nandi District, Uasin Gishu District and Kisumu District into the Study area.

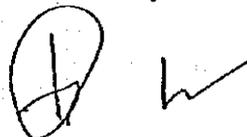
The request has been taken note for further consideration by Japanese side.

5. The Inception of the Study

(1) The both side agreed the year of 2005 as the target year of the implementation plan.

(2) The both sides agreed upon the following principal items to be assumed in the Study;

- (1) Rehabilitation of District Hospital(s) extended under the Grant Aid, with the consideration of necessity of assistance, strengthening, and effectiveness of the implementation.



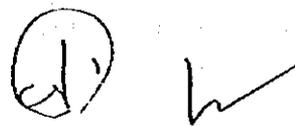
- 2) Project for improvement of the referral network, including facilities for public health laboratory and mobile clinic, extended under the Technical Cooperation in the selected area based on the result of the Study, and
- 3) Human resource development which might be included in the implementation programme such as provision of practical training with the trainees in Medical Training College at Kisii, and in the Rural Health Training Centre in Rift Valley Province.

#### 6. Undertakings of the Government of Kenya

- (1) As to the provision of the office space to the Team, the MOH notified the Preparatory Team that office space shall be arranged for the use of the Study Team.
- (2) As to the counterpart personnel to the Study, the Preparatory Team pointed out that health personnel in the fields of health policy and planning, health administration, health education, economic/financial analysis, human resources development etc., should be assigned by the MOH and, if necessary, other personnel from other ministries, for the purposes of smooth and effective implementation of the Study.
- (3) As to the provision of vehicles to the Study Team, MOH requested that JICA should provide the Study Team with transportation since the present conditions would not allow the Ministry to do so in terms of the number of the vehicles and funds available.

#### 7. Others

- (1) As to the timing of initiation of the Study, the Preparatory Team suggested that it would be August 1997, with a duration of thirteen (13) to fifteen (15) months.
- (2) MOH requested the Preparatory Team the provision of various data processed by computer to assure the further continuity of consequent updating in the Ministry even after the completion of the Study. The Preparatory Team replied that the data processing would be computerized owing to its variety and quantity as well.
- (3) MOH requested the Preparatory Team the provision of the Kenyan counterpart personnel with an opportunity to have training in Japan through the Study.  
The request shall be conveyed to JICA Headquarters by the Preparatory Team.



ANNEX- I

LIST OF ATTENDANTS

Kenyan side

<MOH>

Mr. Ibrahim M. Husein  
Mr. J. M. O'maroro  
Mr. John M. Nyamu  
Mr. Josephan K. Ouko

Under Secretary  
Deputy Chief economist/Medical officer  
Head, Medical Engineering Services  
ADS. Project Coordinator

<Kisii District Hospital>

Dr. John Ouma Odonoi  
Dr. Andrew Nyamwiya  
Mr. Kopha M. Ombaiffo  
Mr. Nicholas O. Were  
Mr. James Omambia  
Mr. Pefei Akuma  
Dr. Kilagowe

Medical Superintendent  
Medical Officer of Health (Surgeon)  
District Public Health Officer  
Sr. Health Administrative Officer  
Health Information System Officer  
District Health Education Officer  
Nursing Officer

<Nyamira District Hospital>

Dr. M. Ope  
Mr. Joshua Ombori  
Mr. Abigail Matini  
Mr. J. A. Bosire  
Ms. Japhrotha Mogaka  
Ms. Daoriel Momba Ogwangi  
Dr. Bruno Marchal  
Mr. Anderson Rioba  
Mr. Stephen Ogenbo  
Mr. Okueme Daril

Medical Officer of Health  
District Clinical Officer  
BOG Member  
District Public Health Officer  
Nursing Officer in charge (Matron)  
District Public Health Nurse  
Medical Superintendent (Technical Cooperation; Belgium)  
Chairmen, Finance officer in charge purpose in hospital management  
District Laboratory Technologist  
Health Administrative Officer,

<Kericho District Hospital>

Dr. T. Sawe  
Mrs. M. C. Nyaga  
Mrs. W. A. Ogwans  
Mr. S. Kimeto  
Mr. J. Rotich

Medical Superintendent  
Matron  
Deputy Matron  
District Public Health Nurse  
Hospital Administrator

<Kabsabet District Hospital>

Dr. F. W. Muleshe

Medical Officer of Health

<Eldret District Hospital>

Dr. J. W. Songa

Medical Superintendent

<Longisa District Hospital>

Dr. Sigilai

District Medical Officer of Health

<Kenya Medical Training College>

Mr. W. K. A. Boit  
Mr. M. Wagatha  
Mr. Paul Tunkno

Director  
A/Registrar

<Kenya Medical Training College in Kisii>

Mr. J. O. Anyira

Director

Annex-I continued/

Handwritten signatures and initials, including a large circular mark and a signature that appears to be 'W'.

<Kipkros Health Centre>  
Mr. Korir Community Health Officer

<Siibet Dispensary>  
Mr. Kilel Public Health Officer, Bomet Central Division

<Rural Health Training Centre in Mosorio>  
Mr. Julius Kimutei

<Bomet District Health Centre>  
Mr. J. K. Sang District Public Health Officer

<Kipkros Health Centre>  
Mr. Korir Community Health Officer

<Kenegot Dispensary>

<Silibwet Dispensary>  
Mr. Kilel Public Health Officer, Bomet Central Division

Japanese side

<Preparatory Study Team>  
Dr. Takatoshi Kobayakawa Leader  
Mr. Nobuaki Miyata Task management  
Dr. Kazuo Hikita Health Finance/Hospital Management  
Dr. Hideyo Itakura Public Health/Geological Pathology  
Dr. Yujiro Handa Human Resources Development/Personnel Management  
Mr. Tetsuro Nishimura Medical Facilities & Equipment, Consultant  
Mr. Hiroshi Nakamura Study planning.

<JICA Kenya Office>  
Mr. Ken Fujie Assistant Resident Representative



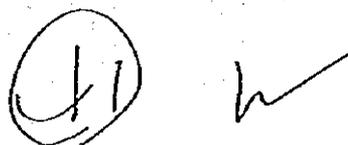
MEMBER LIST OF COMMITTEES

Steering Committee

1. Deputy Secretary (Policy, Planning, and Development)
2. Health Reform Secretariat
3. Deputy Director of Medical Services (Curative Services and Rehabilitative Services)
4. Officer in charge of Medical Equipment
5. Officer in charge of Japanese Desk
6. District Medical Officer of Health in the Study Area
7. Any other members mutually agreed upon

Technical Committee

Technical Committee is composed of the members of the District Health Management Team in the Study Area.





協議関連資料 5. 主要面会者リスト

## 5. 主要面会者リスト

### ケニア側

#### 1. 保健省

Mr.	<Ministry of Health>
Mr. Ibrahim M. Husein	Permanent Secretary
Mr. J. M. O'maroro	Under Secretary
Mr. John M. Nyamu	Deputy Chief economist/Medical officer
Mr. Josephan K. Ouko	Head, Medical Engineering Services
	ADS, Project Coordinator

#### 2. キシイ県病院

Dr. John Ouma Odonoi	<Kisii District Hospital>
Dr. Andrew Nyamwiya	Medical Superintendent
Mr. Kopha M. Ombaiffo	Medical Officer of Health (Surgeon)
Mr. Nicholas O. Were	District Public Health Officer
Mr. James Omambia	Sr. Health Administrative Officer
Mr. Pefei Akuma	Health Information System Officer
Dr. Kilagowe	District Health Education Officer
	Nursing Officer

#### 3. ニヤミラ県病院

Dr. M. Ope	<Nyamira District Hospital>
Mr. Joshua Ombori	Medical Officer of Health
Mr. Abigail Matini	District Clinical Officer
Mr. J. A. Bosire	BOG Member
Ms. Japhrotha Mogaka	District Public Health Officer
Ms. Daoriel Mamba Ogwangi	Nursing Officer in charge (Matron)
Dr. Bruno Marchal	District Public Health Nurse
Mr. Anderson Rioba	Medical Superintendent (Technical Cooperation; Belgium)
	Chairmen,
	Finance officer in charge purpose in hospital management
Mr. Stephen Ogenbo	District Laboratory Technologist
Mr. Okueme Daril	Health Administrative Officer,

#### 4. ケリチヨー県病院

Dr. T. Sawe	<Kericho District Hospital>
Mrs. M. C. Nyaga	Medical Superintendent
Mrs. W. A. Ogwans	Matron
Mr. S. Kimeto	Deputy Matron
Mr. J. Rotich	District Public Health Nurse
	Hospital Administrator

#### 5. カブサベット県病院

Dr. F. W. Muleshe	<Kabsabet District Hospital>
	Medical Officer of Health

#### 6. エルドレッド県病院

Dr. J. W. Songa	<Eldret District Hospital>
	Medical Superintendent

#### 7. ロンギサ県病院

Dr. Sigilai	<Longisa District Hospital>
	District Medical Officer of Health

#### 8. ケニア医学訓練学校

ナイロビ	<Kenya Medical Training College : KMTC>
Mr. W. K. A. Boit	Director
Mr. M. Wagatha	A/Registrar
Mr. Paul Tunkno	

キシイ	<KMTC in Kisii>
Mr. J. O. Anyira	Director

9. キブクロス ヘルス・センター <Kipkros Health Centre>  
Mr. Korir Community Health Officer
10. シイベルト診療所 <Siibet Dispensary>  
Mr. Kilel Public Health Officer, Bomet Central Division
11. 僻地医療訓練学校 <Rural Health Training Centre:(RHTC)in Mosorio>  
Mr. Julius Kimutei
12. ボメット 地域ヘルス・センター <Bomet District Health Centre>  
Mr. J. K. Sang District Public Health Officer
13. ケネゴット診療所 <Kenegot Dispensary>
14. ケニア熱帯医学研究所 <Kenya Medical Research Institute:(KEMRI)>  
Dr. Peter M. Tukei Director Virus Research Centre  
WHO-Medical Officer(Virologist)

日本側関係者

1. 在ケニア日本大使館  
堀内伸介 特命全権大使  
植松龍治 書記官
2. JICA派遣専門家 (KEMRI)  
[感染症研究対策(フェーズII)]  
角野文彦 プロジェクトリーダー  
神谷保彦 急性呼吸器疾患(ARI)
3. JICAケニア事務所  
田上 実 所長  
松本 淳 次長  
藤江 顕 所員

その他

1. USAID  
Ms. Mildred Howard Senior Health Program Advisor



## 付 属 資 料

1. 援助機関プロジェクト・リスト

2. 参考図表

3. 参考資料

4. 収集資料リスト



## 付属資料 1. 援助機関プロジェクト

リストー 1 : ケニア西部地域の保健医療援助活動 (1993年までの概要)

リストー 2 : 全国規模の保健医療援助活動 (1993年までの概要)

リストー 3 : 現行の保健医療援助活動 (1996年計画案件)

リストー 4 : ケニア国の保健・人口関連 NGO (1993年)

(注) リストー 1 は、国内準備作業にて調査対象地域の援助案件を抽出している。

リストー 2 は、全国規模の主要プログラムを列記している。

リストー 3 は、現地収集資料から主要な現行プログラムを列記した。

1. 援助機関プロジェクト・リスト

(援助活動)

リスト1: ケニア西部地域の保健医療援助活動 (1993年までの概要)

Donor	District	Project Title	Responsible Ministry	Budget (US\$ Mill)	Period	Activities (活動概要)
Belgian Embassy	Kisumu	Construction of Medical Centre and Training	MOH	Bf. 15m	1993 - 1997	モデル医療センターの建設と訓練・運営
Chinese Embassy	Jasin Gishu	Upgrading of the Eldoret and Uashin Gishu District Hospital to National Referral	MOH, MOH	Loan	1990 - 1993	教員宿舎、学生寮、食堂、倉庫、望望室、給水・排水施設などの建設
CIDA	Kisumu Western P.	AGA KHAN Foundation Primary Health Care	MOH, Aga Khan Health Services	CSL 5m	1993	コミュニティ・ヘルス・ワーカー及び指導員の訓練計画(サニテーション、免疫、家族計画、生活用水)
DANIDA	4 Districts	Maintenance of Health Centres and Clinics in Rural Areas	MOH	DKr. 23.4m	1988 - 1993 (5年延長予定)	ヘルス・センター、クリニックの予防的メンテナンス(施設、機材、給排水)
FINIDA	Western P.	Kenya-Finland Primary Health Care Programme - Some Special Activities	MOH	?	1984 - 1993	マリヤ/救急のコントロール、検査室の設置、エイズ予防訓練
	Western P.	Rural Health Services	MOH	?	1984 - 1993	14名のコミュニティ・普及員を養成し、TBA:伝統助産婦(3,144人)、コミュニティ・ヘルス・ワーカー(714人)、産婦見配給員(781人)、栄養意識指導員(2,301人)を訓練。
	Kakamega Western P.	Kenya-Finland Primary Health Care Programme	MOH	Kshs. 40m~75m(Ann.)	1984 - 1995 (Phase I-IV)	加納 PCHの改修、55保健所の改修、便所の設置、DHの改修、エイズ検査機器の配布、その他
	Western P.	Kenya-Finland Primary Health Care Programme - Construction Activities Component	MOH	?	1984 - 1993	エイズセンター(改修:1)、ヘルスセンター(新築:9)改修:12)、加納 DHの小児病棟と産科病棟の新築。
	Western P.	Kenya-Finland Primary Health Care Programme - Environmental Health and Sanitation	MOH	?	1984 - 1993	デモンストラティブ・トリートメント(179箇所)、パリン・スワフの設置(19,113箇所)、公衆衛生関連の訓練(7,080人)
CTZ	Kisumu, Nyeri, Mombasa	Health Facilities Maintenance Management Improvement Project	MOH	P-I DM4.5m P-II DM4m	1989 - 1995	医療機器の修理施設と部品倉庫の建設(スル、ゴリ、モハナ、ナロト中央)、キスウムの改修。
IFAD	Western Province	Farmers' Group and Community support Project: Siaya, Kakamega, Vihiga, Homa Bay, Migori, Kisii	MPND/MOH	US\$2.1m (給排水含まず)	1991 - 1999	村営レベルのPHC改修、UNFPA家族計画、栄養所改修(9箇所)、CIW/TBAの訓練、村落給水・便所の改修。
Italy	South Nyanza	Rehabilitation of the Tabaka Hospital and Training of Medical Person	NGO - CCM	1,152m Lira	1989 - 1993	Tabaka病院の改修と医療従事者の訓練
Japan/JICA	Kisumu, Kakamega	Communicable Diseases Research and Control Project, Research and Control of Infectious Diseases	MRSTT/MOH		1979 - 1985 1985 - 1990 1990 - 1995	

(注) 国内準備作業にて調査対象地域の援助案件を抽出している。

(援助活動)

Netherlands	Siaya	Siaya Health Education Water and Sanitation Project	MOHD/CARE International Kenya	?	1992 - 1993	Boro地区の衛生改善(給水、トイレ)とコミュニティ教育。
	Homa Bay	Homa Bay Community Health Care Child Survival and Development (CSD)	MOH/AMREF	?	1991 - 1995	Rangwe地区でのコミュニティ・ヘルス・サービス・プログラムの実施と宿舍建設(ホマバヤ内)
	Homa Bay	Homa Bay Community Health Care Child Survival and Development (CSD)	MOH/AMREF	?	1993 - 1998	Karachuonyo地区でのコミュニティ・ヘルス・サービスのプログラム
SIDA	South Nyanza, Siaya, etc. HQs	Health Policy and Management Programme	MOH/AMREF	Kshs. 5m	1990 - 1994	DIMTS/RH Workerの業務能力強化、DHIS(情報システム)整備、人材配備、ロジ強化、その他。
	Rift Valley (Bome) & Eastern P.	Environmental Health	MOH	SEK 22.3m	1987-1989 (I) 1990-1993 (II)	小規模給水、サービスの改善、ベクターコントロール、食品衛生、住宅改善、及び教育訓練(WID/コミュニティ)、その他。
	Kisumu, Nandi, Siaya	Primary Health Care District Development	MOH	SEK 12.6m	1990 - 1993	MOH本部のPHC機能強化。
SIDA/DANIDA	South Nyanza, Kisumu	Maintenance of Rural Health Facilities (RHF)	MOH	?	1990 - 1993 (Pilot Phase)	地域保健所(RHF)改修: South Nyanza (55), Kisumu (33), Kilifi (37), Awale (22), マナ-ワクワツツ改修: Nakuru PHC, Kericho DH, Kerugoya DH, Kapsabel DH.

Source: Wind M. " Overview of Donor's Policies, Activities, Constraints and Possible Solutions of the Health and Population Sector of Kenya' year".

リスト-2: 全国規模の保健医療援助活動(1993年までの概要)

Donor	Project Title	Resp. Ministry	Cost (Mill.)	Period	Activities
SIDA/DANIDA	Essential Drug Programme	MOH	?	1990 - 1991	ナ側負担の不履行により1991年中止(SIDA)。
Netherlands	Procurement of Essential Drug Special Health Support Fund (SHSF)	MOH	?	1991 - 1993	必須医薬品の地域保健施設への供給。
	National Leprosy and Tuberculosis Programme (NLTTP)	Netherlands Embassy MOH/National Tuberculosis Programme (NTP)	?	1987-1992 (I) 1993-1996 (II)	地域保健施設への財務支援。
	Continuing Education	MOH (CE Unit) / AMREF	Dfl. 11.4m	1992 - 1996	医薬品購入、輸送、健康教育・訓練、給与補填、その他。
SIDA	Contraceptives	MOH/Family Health Division	SEK 5.0 ~ 5.6 (各年) SEK 31.6m	1990 - 1993 1990 - 1993	MOH/CEユニットの機能強化、DIMT/Health Workerの訓練、学習教材の開発。 ビル供与のみ(ただしビル需要は減退している)

(援助活動)

UNFPA	Maternal and Child Health and Family Planning	NCPD/MOH	US\$ 7.1m	1993-1995	具体的な活動計画の策定中。(家族計画の普及のためUNITSを機能強化する)
	Information, Education and Communication	NCPD/MOH	US\$ 3.0m	1992 - 1995 (4 Years)	同上
	Data Collection and Analysis	NCPD/USAID/WB	US\$ 0.5m	1992 - 1995	人口計画に関するDemographic and Socio-economic Dataの収集と定期的改定。
	Population Policy Formulation	NCPD/WB	US\$ 1.0m	1992 - 1995 (2.5 Years)	人口計画政策の見直しと第6次五年計画(1994-1998)への統合。
	Population Dynamics	NCPD	US\$ 1.1m	1992 - 1995	人口動態分野の研究と訓練、計画策定・実施。
UNICEF	Women, Population and Development:	NCPD/Women's Bureau	?	1993 - 1995	調査・研究・普及活動(特にSafe Motherhood Initiative分野)。UNDP/UNICEF/WBが支援。
	Health	MOH	US\$ 5.7m (1992) US\$ 4.7m (1993)		各種プロジェクトを、国連機関・ドナ・葛国と協同で実施中。
	- Essential Drugs				
	- HIS: Health Information Systems				
	- AIDS Control				
USAID	- Immunization against the Six Killer Diseases and Hepatitis				
	- CCD: Control of Diarrhoeal Diseases				
	- PNC / Bamako Initiative				
	- ARI: Acute Respiratory Infections				
	- MCH/FP: Maternal Child Health and Family Planning				
- Research and Surveys					
- Malaria Control					
A: Family Planning Services and Support (FPSS)	MOH/MIANI/NCPD	US\$ 58.2m	1985 - 1995		
D: Kenya Health Care Financing	MOH/NHIF	US\$ 9.9m US\$ 5.7m	1989 - 1994		保険医療制度(NHIF)の計画・実施・財源支援。
E: Control of Diarrhoeal Diseases (CCD)		?			
F: Kenya Expanded Programme on Immunization (KEPI)		?			
G: AIDS Control		?			
I: Malaria Control		?			
WB/ODA	Third Population Project (Pop 3)	NCPD/MOH/NGOs	US\$ 23.6m	1989 - 1993	- 政府・NGOによる家族計画の機能強化。 - IEC(情報・教育・通信)活動の強化。
	Fourth Population Project (Pop 4)	NCPD/MOH/NGOs	US\$ 35m	1990 - 1994	- NCPDの計画・調整・モニタリング能力の強化。
	Health Rehabilitation Project	MOH/KNH	SDR 21.6m	1992 - 1996	ケニア国立病院(KNH)改修、ナイロビ地区医療サテライト強化、MOH計画機能強化、モニタリング機能強化。
	Technical Guidance in the Primary Health Care and Managerial Capacities	MOH	US\$ 0.23m	1992 - 1993 1994 - 1995	村落レベルのPIIC強化のための技術指針策定。

Source: Waid M. "Overview of Donor's Policies, Activities, Constraints and Possible Solutions of the Health and Population Sector of Kenya" year?

(注) 全国規模の主要プログラムを列記している。

リストー3 : 現行の保健医療援助活動 (1996年計画案件)

(援助活2)

Donor/ Organization	Program / Project Title	Responsible Ministry	Budget (US\$ Mill)	Period
Belgian Embassy	[CURRENT] A. Control of STDs including AIDS B. Scientific Cooperation between Universities C. Fellowships in the Area of Health D. Technical Assistance/Flemish Association	MoH MoE O/P MoH/MoE	1.5m 0.6m 0.1m(1994) Salaries	1988 - ongoing ongoing ongoing 1988 - ongoing
	[PLANNED] A. Control of STDs including AIDS (2nd phase) B. Revolving Drug Fund Demonstration Project C. Support to Family Health Planning D. Others D-1. Upgrading of Clinical Laboratory/Eldoret Teaching and Referral Hospital D-2. Postgraduate Training in Clinical Cytology / Univ. of Nairobi	MoH MoH MoH MoH MoE	3.7m 0.9m 2.6m 0.7m 0.7m	1995 - 1997 3 years 3 years 3 years 4 years
British/ODA	[CURRENT] A. Family Planning Bridging Project B. Contraceptive Supply Project C. Essential Drugs Provision Project D. Contribution to the Kenya National AIDS Control Program E. HIV/AIDS Prevention supply Project F. Participatory Educational Theater Project	MoH MoH MoH/NGOs MoH/UNAIDS MoH/NGOs MoH/CARE Kenya	2.15m 2.90m 2.47m 4.50m 2.46m 0.10m	1994 - 1995 - 1996 - 1996 - 1996 1995 - 1996 1996 - 1997
	[APPROVED] A. EC/ODO/GOK Kenya Family Health B. HIV/AIDS Prevention and Care Project C. Planned: Health Unit Support, PP Support, Health Sector Reform, Malaria	MoH/NGOs MoH/NGOs -	34.5m 13.3m -	1997 - 2001 1996 - 1999 -
Canada/CIDA	[CURRENT] A. Kenya AIDS/STD Control - Phase II B. Kisumu Primary Health Care C. AMREF Strategic Plan	MoH MoH/AGA KIPAN MoH/AMREF	C\$ 4.7m C\$ 1.7m C\$ 9.5m	1996 - 2001 1992 - 1997 1996 - 2001
Danish/DANIDA	[CURRENT] A. Health Sector Support Program (HEASSP) B. Maintenance Project for Rural Health Facilities C. Family Life Training Program D. Educational Assessment and Resource Services (EARS) E. Voluntary Women Rehabilitation Institute (VOWRI) F. Uyoima Integrated Rural Health Program	MoH MoH MoC MoE Univ of Nairobi Univ of Nairobi	27.6m 8.8m 3.4m 5.4m 0.24m 0.24m	1995 - 1998 1993 - 1998 1994 - 1998 1993 - 1998 1990 - 1996 1990 - 1996
European Communities/EC	[CURRENT] A. AIDS/STD-Renovation of the Special Treatment Clinic in Nairobi B. AIDS/STD Control Program - Phase II C. EC/ODA/GOK Family Health Program D. Other Activities - NGO Co-financing E. Other Activities - Mother and Child Care	MoLC MoLG/KNACP MoH/NGOs NGOs CNU (Arusha)	0.5m 3.7m 34.5m 3.35m 0.33m	1995 - 1996 1995 - 1998 1997 - 2001 1993 - 1996 -

	[CURRENT] None			1984 - 1993
FINIDA	[PLANNED] Health and Population Sector Support Program is under preparation			1997 - 2000
Germany/GTZ	[CURRENT] A. Postgraduate Training in Applied Nutrition B. Support for a Regional Center for Training, Research and Services in Community Health C. Family Planning in Selected Districts D. Training of Hospital Technologists for Maintenance E. Management of Hospital Maintenance F. National Drug Quality Control Laboratory G. Mitigating the Socio-economic and Development Effects of HIV/AIDS Epidemic	Univ of Nairobi Univ of Nairobi Moi/DoFH MoHT Moi/MESU Moi -	4.33m 4.8m 4.7m 13.0m 12.0m 5.0m 1.25m 1.06m	1985 - 1996 1989 - 1999 1986 - 1997 1985 - 1997 1986 - 1998 1994 - 1997
IFAD	[CURRENT] A. Farmers' Group and Community Support Project B. Dry Area Smallholder and Community Services Development Project.	MoPND/Moi MoPND/Moi	- -	1991 - 1999 1991 - 1999
Italy	[CURRENT] A. Supply of X-Ray Equipment to the Kenyatta National Hospital B. Program on Preparedness towards Cholera Outbreak and Control	Moi/KNH Moi	0.81m 0.07m	1992 - 1996 1996 - 1997
Japan/JICA	[CURRENT] A. Grant Assistance for Grass-Roots Projects B. Research and Control of Infectious Diseases C. Population Education Promotion Project (PEPP) D. Kenya Expanded Program for Immunization (KEPI)	NGOs MoTT/KNRI Moi/NCPP Moi/KEPI	0.7m(1996) 1.8m(1996) 1.5m(1996) 0.25m(1996)	Annual 1986 - 2001 1993 - 1998 1991 - 1998
Netherlands	[PLANNED] A. Kenya Medical Training College (KATC) B. Coast General Provincial Hospital Rehabilitation	Moi/KATC Moi	20m app.	- -
	[CURRENT] A. Procurement of Essential Drugs B. Special Health Support Fund (SHSF) C. The National Leprosy and Tuberculosis Program D. Rural Domestic Water Supply and Sanitation in Nyanza Province E. Implementation of Kenya National Drug Policy (KNDP) F. Primary Health Care Program for Homa Bay District	Moi/Med. Supply Moi Moi/NTTP Moi Moi/WHO Moi	5.12m 0.12m(annual) 13.3m 16.7m 2.67m 8.55m	Annual Annual 1996 - 2000 1996 - 2001 1995 - 1999 1996 - 2001
Sweden/SIDA	[CURRENT] 1. Environmental Health Program (EHP) 2. Primary Health Care Program (PHC) 3. Continuing Education Program (CEP) 4. Family Planning with Reproductive Health (FRH) 5. Institutional Cooperation between Moi Univ. and Linköping Univ. 6. Planning and follow-up	Moi (all)	144.5m Kshs 61.0m Kshs 130.0m Kshs 184.0m Kshs 29.5m Kshs 59.0m Kshs	1995 - 1997 (all)
Joint United Nations/UNAIDS	[CURRENT] HIV/AIDS related programs by WHO, WB, UNESCO, UNDP, UNICEF, UNFPA	Gov/NGOs	0.6m	1996/97

UNDP	[CURRENT] A. The Impact of AIDS in the Business Sector B. The Impact of HIV/AIDS on Child Survival and Welfare C. Socio-cultural Factors Associated with HIV Prevalence in Kenya D. The Role of the Christian Church Groups in HIV/AIDS Prevention and Care [PLANNED] Mitigating the Socio-economic and Development Effects of HIV/AIDS Epidemic	- - - -	0.06m 0.05m 0.07m 0.04m 1.06m	- - - -	- - - -
UNFPA	[CURRENT] 1. Reproductive Health 2. Population and Development Strategies 3. Advocacy	- - -	13.0m 6.0m 1.0m	- - -	5 years from Jan. 1997
UNICEF	[CURRENT] 1. PHC / Bamako Initiative (PHC/BI) in Focus Districts 2. Kenya Expanded Program on Immunization (KEPI) 3. District Health Management Information systems 4. Micronutrient Deficiencies Control	- - - -	(1997) Funded 0.9m Unfunded 2.48m	- - - -	1994 - 1998 (revision in May 1996)
USAID	[CURRENT] A. National Service Delivery Support B. Private Sector Service Delivery C. Health Care Financing and Sustainability D. Child Survival E. Other Activities (Research Programs)	Moll/DHS Moll/NGOs Moll/NGOs Moll Moll	60.0m (5 years)	- - - -	1995 - 2000 (5 years)
IDA/WB	[CURRENT] A-1. Third Population Project A-2. Fourth Population Project B. Kenya Health Rehabilitation (KNH, Nairobi Area Health Services, Others) [PLANNED] A. Sexually Transmitted Project B. Health Sector Reform Project	Moll/MoPND/NCPD Moll/MoPND/NCPD Moll/MoPND/KNHII Moll/NGOs Moll/NGOs	12.2m 35.0m 31.0m 40.0m IDA 24.2m Donors Not Fixed	- - - -	1989 - 1996 1990 - 1997 1992 - 1997
WHO-Kenya	[CURRENT] A. Human Resources for Health (HRH) B. Women Health and Development C. Malaria Control D. Health Promotion and Media Relations E. Reproductive Health F. Health Situation and Trends G. Essential Drugs and Vaccines - National Drug Policy (NDP) H. Kenya Expanded Program on Immunization (KEPI) I. National Health system and Policies	Moll Moll Moll Moll/KWA Moll Moll Moll Moll Moll	59,500 US\$(1997) 2,500 US\$ 10,000 US\$ 12,500 US\$ 28,000 US\$ 25,500 US\$ 2.5mUS\$(1996/97) 2.2mUS\$(1996) 80,000 US\$(1997)	- - - - - - - - -	- - - - - - - - -

Source: USAID/Kenya "Inventory of Donor Assistance to the Population and Health Sector in Kenya" March, 1997.

(注) 現地収集資料から主要な現行プログラムを列記した。

リストー4：ケニア国の保健・人口関連NGO（1993年）

組織名	設立	F	TA	I	PIC	MCI	FP	RH	AIDS	Mal	ED	W/G	HE	PM	Others
ACTION AID-Kenya	1970	X	X	X	○	○	○	○	○	○	○	○	○	○	Poverty
AHF African Housing Fund	1989	X	X	X	○	○	○	○	○	○	○	○	○	○	FP
ANF Aga Khan Foundation		X	X	X	○	○	○	○	○	○	○	○	○	○	Childhood
AMREF African Med. & Research Foundation		X	X	X	○	○	○	○	○	○	○	○	○	○	Low Cost PIC
AVSC Ass. for Vol. Surgical Contraception	1984	X	X	X	○	○	○	○	○	○	○	○	○	○	Contraceptives
BIG Breast Feeding Inf. Group	1978	X	X	X	○	○	○	○	○	○	○	○	○	○	Breast Feeding
CARE CARE International	1969	X	X	X	○	○	○	○	○	○	○	○	○	○	Water & Sanitation
CAFS Centre for African Family Studies	1975	X	X	X	○	○	○	○	○	○	○	○	○	○	Family Welfare
CCF Christian Children's Fund	1960	X	X	X	○	○	○	○	○	○	○	○	○	○	Children
CPN Crisis Pregnancy Ministries	1989	X	X	X	○	○	○	○	○	○	○	○	○	○	Crisis Pregnancy
FPIA Family Planning Int'l. Ass.		X	X	X	○	○	○	○	○	○	○	○	○	○	FP/AIDS
FPPS Family Planning Private Sector	1984	X	X	X	○	○	○	○	○	○	○	○	○	○	FP/IEC
FEMNET			X												Gender Issue
FORD FORD Foundation															NGO Funding
FPAX Family Planning Ass. of Kenya	1961	X	X	X	○	○	○	○	○	○	○	○	○	○	Family Health
FPWO Family Planning Management		X	X	X	○	○	○	○	○	○	○	○	○	○	Donor Funding
IFRC Inter. Fed. of Red Cross		X	X	X	○	○	○	○	○	○	○	○	○	○	Disaster/Refugees
IPPF Inter. Planned Parenthood Fed.		X	X	X	○	○	○	○	○	○	○	○	○	○	Indirect Services
INTRAH Inter. Training in Health	1982	X	X	X	○	○	○	○	○	○	○	○	○	○	Health Training
KCS Kenya Catholic Society	1950		X	X	○	○	○	○	○	○	○	○	○	○	Health/Maternity
KMWA Kenya Medical Women Ass.			X	X	○	○	○	○	○	○	○	○	○	○	Medical Education
KAS Know Aids Society			X	X	○	○	○	○	○	○	○	○	○	○	AIDS/IEC
LWR Lutheran World Relief	1983	X	X	X	○	○	○	○	○	○	○	○	○	○	Urban Health
MSI Marie Stopes Inter. (UK)		X	X	X	○	○	○	○	○	○	○	○	○	○	Health Training
MEDS Mission for Essential Drug & Supply	1987		X	X	○	○	○	○	○	○	○	○	○	○	E. Drug Supply
NTCC Nairobi Terminal Care Centre				X	○	○	○	○	○	○	○	○	○	○	Terminal Care
NCKK Nat. Cncl for Churches of Kenya	1943			X	○	○	○	○	○	○	○	○	○	○	Women/Health
NCWK Nat. Cncl for Women of Kenya	1964			X	○	○	○	○	○	○	○	○	○	○	Traditional Practises
NYUMBANI Home for HIV+ Children				X	○	○	○	○	○	○	○	○	○	○	AIDS/Children
OXFAM				X	○	○	○	○	○	○	○	○	○	○	Health Care
PFI Pathfinder Inter.		X		X	○	○	○	○	○	○	○	○	○	○	Health Care
PI PLAN Inter.	1981		X	X	○	○	○	○	○	○	○	○	○	○	Women/Empowerment
PC Population Council			X	X	○	○	○	○	○	○	○	○	○	○	Research S.M.
RF Rockefeller Foundation		X			○	○	○	○	○	○	○	○	○	○	Training & Research
SA Salvation Army	1921			X	○	○	○	○	○	○	○	○	○	○	Family Welfare
UDUQU UNDUQU Society of Kenya	1973			X	○	○	○	○	○	○	○	○	○	○	Slum/Street Children
YOWRI YOWRI	1992			X	○	○	○	○	○	○	○	○	○	○	Women/AIDS
WV World VISION	1974			X	○	○	○	○	○	○	○	○	○	○	Mission/PHC
YWCA YWCA	1912			X	○	○	○	○	○	○	○	○	○	○	PHC/Water

略称: F:Funding, TA:Technical Assistance, I:Implementation, RH:Reproductive Health, Mal:Malaria, ED:Essential Drugs  
 HE:Health Education, W/G:WID/Gender, PM:Project Management  
 出所: A Survey of Health Sector NGOs in Kenya, Netherland 1993

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2. 参考図表

別表一 1 周辺諸国との保健指標比較 (UNDP人間開発報告書による)

保健医療の状況	ケニア	ザンビア	ウガンダ	マダガスカル	LLDC	サハラ以南アフリカ
1990-94 (調査年)						
1 歳児予防接種率: 結核 / 麻疹 (%)	92 / 73	100 / 88	86 / 75	100 / 77	99 / 98	71 / 60
エイズ患者 (10万人当り)	24.8	17.3	8.7	23.2	49.2	8.3
医師 1 人当り / 看護婦 1 人当り人口 (千人)	20 / 9	11 / 5	.. / ..	25 / 7	50 / 33	19 / 14
保健医療支出の対 GDP 比	2.7	2.2	3.2	1.6	2.9	1.8
2.4						2.4
<子供の生存率と発達>						
低体重児: 新生児 / 5 歳未満児 (%)	16 / 22	13 / 25	14 / 25	.. / 23	20 / 27	23 / 43
妊産婦死亡率 (新生児 10 万人当り)	650	940	770	1,200	560	1,015
乳児死亡率 (新生児千人当り)	69	103	85	115	142	110
5 歳未満の死亡率 (新生児千人当り)	90	203	159	185	221	171
ORT 利用率 (%)	76	90	76	45	50	57
49						49
<人口統計に見る現状>						
推定人口の推移 (100 万人)	26.4 / 32.6	8.9 / 10.8	28.0 / 34.1	19.9 / 24.6	10.5 / 12.1	550T / 670T
年平均人口増加率の推移 (%) 1960-93/1993-2000	3.6 / 3.1	3.2 / 2.7	3.1 / 2.8	3.4 / 3.1	3.4 / 2.1	2.5 / 2.8
粗出生率 (%) / 粗死亡率 (%)	44.4 / 11.8	44.3 / 15.3	43.0 / 13.6	51.9 / 19.3	50.1 / 19.9	42.9 / 14.9
合計特殊出生率 (%)	6.3	6.0	5.9	7.3	7.2	5.8
避妊普及率 (%)	33	15	10	5	13	19
520T / 540T						2.8 / 2.9
44.8 / 15.1						44.8 / 15.1
6.3						6.3
15						15
<人間開発の状況>						
出生時平均余命 (年)	55.5	48.6	52.1	44.7	45.5	51.5
利用人口: 保健医療サービス (%)	77	75*	80	49	80	50
安全な水 (%)	53	50	50	34	47*	52
衛生設備 (%)	77	37	64	57	53	31
カロリー供給量 (一人 1 日当り)	2,075	1,931	2,021	2,162	1,827	2,027
成人識字率 (%)	75.7	76.2	65.5	59.7	54.7	47.3
全教育レベルの合計就学率 (%)	56	49	34	35	47	35
一人当たりの実質 GDP (PPP) 米	1,400	1,110	630	910	710	894
一人当たりの GNP (US\$) 米	270	380	90	180	200	210
56.0						56.0
1,385						1,385
555						555
<開発指標>						
人間開発指標 (HDI) の順位	128	136	144	155	157	—
ジェニファ-開発指数 (GDI) の順位	98	104	111	119	121	—

出所: UNDP 人間開発報告書 1996 年

別表-2 ケニア西部地域の人口・保健指標

District	RIFT VALLEY PROVINCE				NYANZA PROVINCE				WESTERN PROVINCE		KENYA
	Nandi	Kericho	Bomet	Uasin Gishu	Kisumu	Homa Bay	Kisii	Nyamira	Kakamega	Vihiga	
<b>POPULATION</b>											
Population	1979 298,646	423,811	300,766	482,327	743,565	568,555	300,956	1,005,373	460,535	15,300,000	
	1996 568,036	645,000	578,395	844,538	790,227	1,037,263	486,104	1,321,496	580,554	28,267,000	
Area (km <sup>2</sup> )	2,839	2,515	3,218	2,098	3,095	1,302	861	3,020	613	581,787	
Density (psn/km <sup>2</sup> )	1989 75	97	50	192	114	307	220	320	220	19	
	1979 109	161	89	220	143	395	27	294	294	27	
	1989 156	182	133	320	187	517	37	411	411	37	
	1996 200	256	180	404	255	797	565	438	438	49	
Growth Rate (%)	1989-79 3.59	2.79	4.54	1.86	2.09	2.53	3.37	2.76	2.76	3.37	
	1979-89 3.71	3.52	3.93	3.20	2.66	2.68	3.36	3.50	3.50	3.36	
<b>HEALTH</b>											
CDR (%)	1989 9.0	7.7	7.5	17.1	13.2	10.4	13.2	13.2	13.2	10.3	
IMR (per 1,000)	1989 59	54	54	129	137	62	101	101	101	68	
USMR (per 1,000)	1989 38	82	81	205	213	109	156	156	156	113	
Male	92	85	184	213	221	113	182	182	182	117	
Female	34	78	78	196	204	104	149	149	149	108	
Exp Life at Birth	1989 64.7	65.6	65.9	49.0	49.0	58.7	56.6	56.6	56.6	60.2	
Male	63.1	63.9	65.1	47.2	46.9	56.5	55.4	55.4	55.4	59.2	
Female	66.2	67.2	66.6	50.7	51.1	60.9	57.7	57.7	57.7	61.2	

出所：各県開発計画書(1994-96)、その他

別表-3 州別にみるケニア国の外来疾患統計(1993年)

Annex I: National Annual Out-Patient Morbidity Statistics By Province, Kenya, 1993

Response Rate:	16.16%	71.87%	65.14%	66.00%	53.62%	67.15%	56.35%	64.76%	58.45%
	NAIROBI	CENTRAL	COAST	EASTERN	NORTH EASTERN	NYANZA	RIFT VALLEY	WESTERN	KENYA TOTAL
Malaria	86,235	487,936	713,889	1,279,970	71,861	844,928	1,065,822	645,010	5,197,651
Respiratory dis.	139,243	1,062,172	495,946	811,146	50,750	423,374	1,091,831	384,398	4,458,860
Skin diseases	44,000	366,275	238,104	335,069	16,883	198,492	316,252	159,832	1,674,907
Intestinal worms	15,742	197,388	84,307	186,033	7,478	104,342	147,641	62,942	805,863
Diarrhoeal dis.	29,052	106,241	107,066	118,137	10,059	128,576	204,381	90,727	754,239
Accidents	21,913	145,696	46,249	95,388	4,722	53,514	139,686	51,494	558,662
Urinary Tr. Infeet.	32,987	77,030	82,663	84,722	7,636	89,099	117,746	61,171	553,056
Eye Infections	15,252	82,733	48,075	83,347	6,424	54,713	113,222	41,109	444,875
Rheumatism	14,264	88,520	33,174	86,335	2,659	43,008	98,153	22,488	388,601
Pneumonia	16,709	75,944	27,397	66,962	4,008	38,529	80,812	34,661	345,042
EAR Infections	12,440	54,450	15,240	55,774	6,201	18,402	72,709	27,588	103,512
Dental dis.	5,730	47,224	21,489	51,266	3,603	29,530	41,969	24,172	224,991
Oncorrhoea	17,909	26,696	18,402	32,479	2,262	26,008	63,842	16,728	214,326
Anaemia	4,201	10,057	40,162	23,212	6,057	31,498	18,013	19,432	152,631
Pyrexia of U. origin	13,533	21,425	7,326	14,229	531	15,393	21,420	12,459	106,306
Circulatory dis.	9,462	20,313	10,671	19,896	714	9,044	17,322	8,587	96,009
Chickenpox	3,396	26,814	6,250	6,085	562	3,981	26,814	3,711	80,613
Mumps	1,487	19,974	6,907	10,880	440	5,526	22,221	1,943	69,378
Malnutrition	2,242	5,360	7,080	7,194	2,297	9,726	15,013	6,627	55,539
Measles	1,635	6,088	2,465	10,761	675	10,499	16,438	5,950	54,511
Mental disorders	3,595	14,572	6,868	9,403	309	3,334	7,603	3,258	48,942
Diphtheria	1,162	3,939	16,495	4,203	2,587	3,381	1,429	2,167	37,363
Abortion	3,479	5,497	3,345	2,979	931	3,749	6,625	3,695	30,300
Puerperium dis.	5,717	3,469	2,573	2,528	504	3,786	5,030	2,221	25,828
Blood diseases	3,781	3,540	2,660	2,137	162	1,479	2,319	888	16,966
Cataract	476	2,559	1,606	2,026	377	1,760	4,851	1,800	15,455
Tuberculosis	1,533	3,030	2,082	1,129	348	889	2,693	588	12,300
Poisoning	784	1,985	882	1,409	141	1,232	3,915	1,340	11,688
Hepatitis	1,057	1,752	1,182	1,984	106	1,142	1,589	657	9,469
Congenital Anomalies	1,673	1,583	709	1,094	66	1,503	1,900	1,507	9,035
Neoplasms	1,132	1,802	641	372	195	1,470	897	496	7,005
Whooping cough	229	244	404	379	662	1,100	776	1,041	4,835
Meningitis	135	150	26	187	8	379	481	181	1,547
Poliomyelitis	37	316	74	181	2	112	252	156	1,130
Tetanus	48	69	86	88	8	86	127	133	645
Leptosy	4	74	77	41	29	106	127	108	566
All Others	88,255	544,909	244,934	461,256	14,577	229,982	621,412	163,864	2,369,189
TOTAL NEW CASES	601,537	3,527,842	2,321,206	3,870,261	226,834	2,413,672	4,355,333	1,865,150	19,181,835
Revisits	181,310	1,175,900	647,304	1,246,969	104,697	681,207	1,477,133	465,276	5,979,796
Referrals	11,787	52,939	24,600	50,438	39,756	1,435	39,756	77,409	21,483

THE HEALTH INFORMATION REPORT for the period 1993 to 1994

別表一 4 ケニア西部地域の県別外来疾患統計 (1995年)

District	RIFT VALLEY PROVINCE				NYANZA PROVINCE				WESTERN PROVINCE	
	Nandi	Mericho	Bobel	Uasin Gishu	Kisumu	Iloma Bay	Kisii	Nyamira	Kakamega	Vihiga
1 Malaria	188,424	72,738		100,794	141,640	152,000	213,696	105,745	194,830	
2 Respiratory dis.	133,496	51,035		81,921	76,408	78,363	98,199	56,536	103,414	
3 Skin Diseases	42,414	19,679		30,213	27,931	32,988	34,798	19,356	45,329	
4 Diarrhoea	23,542	6,969		14,525	26,350	30,047	16,858	11,141	29,534	
5 Accidents	17,297	9,291		10,395	3,520	6,197	14,637	13,369	12,412	
6 Intestinal Worms	18,884	10,134		10,706	11,104	15,932	20,529	14,167	16,601	
7 Eye Infection	10,812	5,959	不詳	11,733	9,489	9,400	9,744	12,824	11,119	不詳
8 Urinary Tr. Infecl.	7,477	5,786		9,275	10,651	14,628	11,872	7,050	12,932	
9 Pneumonia	5,946	3,504		7,514	5,196	4,967	8,162	7,008	10,239	
10 Rheumatism	10,458	2,524		5,028	4,790	5,174	6,921	5,850	6,859	
11 Ear Infection	6,577	3,805		5,751	5,450	5,571	6,383	6,176	6,992	
12 Dental Disorders	4,815	3,350		6,414	2,896	4,443	5,890	4,874	4,678	
13 Gonorrhoea	1,493	1,202		3,702	4,822	4,526	2,046	2,897	2,717	
14 Chicken Pox	3,681	1,842		3,303	516	532	737	848	1,208	
15 Circulatory Dis.	496	987		9,095	1,331	1,572	4,308	2,160	959	
16 Pyrexia of U. Orig.	2,760	1,167		879	3,919	1,750	6,137	2,126	2,597	
17 Anaemia	1,646	999		1,034	5,054	4,270	3,254	3,453	5,534	
18 Measles	1,372	580		786	1,043	1,701	967	449	2,074	
19 Mumps	691	732		2,108	1,578	434	781	1,566	911	
20 Mal-Nutrition	639	451		853	1,468	1,575	869	708	2,085	
21 Mental Disorders	343	959		667	226	445	561	283	538	
22 Abortion	391	672		241	454	771	833	797	1,474	
23 Puerperium	382	131		750	350	904	457	203	874	
24 Poisoning	169	495		305	326	134	1,106	980	318	
25 Cataract	228	194		226	491	183	464	2,095	278	
26 Blood Dis.	103	58		530	174	247	468	104	328	
27 Congenital Anomalies	234	91		123	102	303	666	716	620	
28 Tuberculosis	58	130		176	283	221	214	21	95	
29 Bilharzia	92	117		276	332	2,708	202	438	279	
30 Whooping Cough	88	257		161	410	82	255	273	106	
31 Hepatitis	91	24		167	831	181	183	117	443	
32 Neoplasm	44	68		172	130	347	169	43	122	
33 Meningitis	30	24		103	98	53	221	31	70	
34 Poliomyelitis	24	16		23	8	19	16	20	17	
35 Leprosy	4	0		5	43	26	24	3	14	
36 Tetanus	7	5		40	9	8	95	15	14	
All Others	80,449	32,696		43,738	30,700	39,071	40,512	35,111	52,283	
Total New Cases	565,657	238,671		364,237	379,923	422,089	512,284	319,367	520,947	
Revisits	230,255	70,226		85,765	117,610	124,919	97,825	79,588	74,342	
Referrals	?	?	?	?	6,272	4,537	12,127	1,791	9,631	

出所: Health Information System, MOH, 1995

別表-5 対人口比で見るとニア西部地域の県別外来疾患統計 (1995年)

District	RIFT VALLEY PROVINCE			NYANZA PROVINCE			WESTERN PROVINCE			
	Nandi	Kericho	Bomet	Uasin Gishu	Kisumu	Homa Bay	Kisii	Nyamira	Kakamega	Vihiga
<b>&lt;対人口10,000人&gt;</b>										
1 Malaria	3,317	1,128		1,743	1,677	1,923	2,060	2,175	1,474	
2 Respiratory Dis.	2,350	791		1,416	905	992	947	1,163	783	
3 Skin Diseases	747	305		522	331	417	335	398	343	
4 Diarrhoea	414	108		251	312	380	158	229	223	
5 Accidents	304	144		188	42	78	142	275	94	不詳
6 Intestinal Worms	332	157		185	131	202	198	291	126	
7 Eye Infection	190	92		203	112	119	94	264	84	
8 Urinary Tr. Infect.	132	90		160	126	185	114	145	98	
9 Pneumonia	105	54		130	62	63	79	144	77	
10 Rheumatism	184	39		87	57	65	67	120	52	
11 Ear Infection	116	59		99	65	70	62	127	53	
12 Dental Disorders	85	52		111	32	56	52	100	35	
13 Gonorrhoea	26	19		64	57	57	20	60	21	
14 Chicken Pox	65	29		57	6	7	7	17	9	
15 Circulatory Dis.	9	15		157	16	20	42	44	7	
16 Pyrexia of U. Orig.	49	18		15	46	22	59	44	20	
17 Anaemia	29	15		18	60	54	31	71	42	
18 Measles	24	9		14	12	22	9	9	16	
19 Mumps	12	11		35	19	5	8	32	7	
<b>&lt;対人口100,000人&gt;</b>										
20 Mal-Nutrition	112	70		147	174	199		145	158	
21 Mental Disorders	50	149		42	54	98		58	41	
22 Abortion	69	104		130	41	114		164	112	
23 Puerperium	57	20		53	39	17		44	66	
24 Poisoning	30	77		39	58	23		202	24	
25 Cataract	40	30		92	21	31		431	21	
26 Blood Dis.	18	9		21	12	38		45	25	
27 Congenital Anomalies	41	14		30	34	28		64	47	
28 Tuberculosis	10	20		48	39	343		21	7	
29 Bilharzia	16	18		28	49	10		19	21	
30 Whooping Cough	15	40		29	98	23		25	8	
31 Hepatitis	16	4		30	15	44		18	34	
32 Neoplasm	8	11		18	12	7		16	9	
33 Meningitis	5	4		4	1	2		21	5	
34 Poliomyelitis	4	2		1	5	3		2	1	
35 Leprosy	1	0		7	1	1		1	1	
36 Tetanus	1	1		7,562	3,635	4,944		9	1	
All Others	14,161	5,069		62,974	44,985	53,414		7,223	3,956	
Total New Cases	99,572	37,003		14,828	13,926	15,808		49,388	65,699	39,421

出所: Health Information System, MOH, 1995

別表-6 ケリチヨ一県病院の主要外来疾患件数 (1997年)

1月		2月		3月	
1) Malaria	830	Malaria	935	Malaria	935
2) Upper Resp. Inf.	650	Upper Resp. Inf.	554	Upper Resp. Inf.	793
3) Skin Diseases	543	Skin Diseases	520	Skin Diseases	654
4) Gastro-Enteritis	325	Dental Disorders	503	Gastro-Enteritis	575
5) Dental Disorders	232	Gastro-Enteritis	340	Eye Infections	530
6) Urinary T. Inf.	135	Eye Infections	203	Ear Infections	204
7) Eye Infections	113	Ear Infections	115	Urinary T. Inf.	104
8) Ear Infections	103	Bronchitis	112	Bronchitis	98
9) Bronchitis	98	Urinary T. Inf.	101	Pneumonia	35
10) Accidents	55	Accidents	35	Accidents	26

出所：調査時入手資料

別表-7 ケリチヨ一県病院のスタッフ構成 (1997年4月時点)

職名	人数
1) Doctor	7
2) Health Administrator	1
3) Kenya Registered Nurses	22
4) Kenya Enrolled Nurses	132
5) Clinical Officers	25
6) Physiotherapists	7
7) Plaster Technicians	2
8) Radiographers	8
9) Lab. Technologist	3
10) Lab. Technicians	25
11) Clerical Officers	16
12) Medical Records	9
13) Drivers	5
14) Storeman	3
15) Supplies Assistant	1
16) Telephone Operators	1
17) Copy Typist	Nil
18) Nutrition Field Workers	5
19) Subordinate Staff	54
20) Dental Technicians	6
合計	332

出所：調査時入手資料

別表-8 ケリチヨ一県の施設別疾患件数 (1993年)

Disease Recorded Incidences

Health Facility	Diarrhoeal Diseases	Chicken Pox	Mumps	Malaria	Gonorrhoea	Urinary Tract Infections	Intestinal Worms	Ear Infections	Dental Disorders	Rheumatism Joint Pains	Accidents
Tenwek	45	2		226		91	119	48	53	104	91
Kaploug	66			300	22		14	1			52
Kapkong	57	13		321		45	75	13	13	34	120
Sigor	47	20	22	736		21	417	20	1	6	56
Chebangan	59	20	23	186		23		15		33	2
Kipsonoi	111	15				58	84				
Kapkesesio	19			68	68		19				
Kaboson	4	1		147	147					22	1
Gelele	57	34		433		5	88	22	14	6	14
Koimo	78			132				14			17
Itare							108				
Tarekwa	32			5		19		3			83
Chebunyo	41	17	36	501	15	27	21	28	6	4	7
Longise											
Sotik	63	1	16	210	22	17	52	11	4		73
Bomet	96	3	2	190	15	15	20	2	3	7	36
Gorger						58					

Source: MOH, Kericho, 1993.

別表-9 ケリチヨ一県の施設別小児栄養情報 (1993年)

Child Health and Nutrition Information System

Facility	Children aged 0-11 Months		Children aged 12-35 Months		Children aged 36-59 Months		Children All ages (0-59 Months)				Children needing Follow-up			Child Welfare Clinic Records	
	Under Wt.	Total Over 12 Mths.	Under Wt.	Total Over 12 Mths.	Under Wt.	Total Over 12 Mths.	Grand Total	Kwa	Mer	Others	Constant Fautering growth	New	Total		
Tenewk Hosp.	337	5131	151	1483	66	889	7603	20	1	15	7	2112	8523		
Sigor	299	2965	106	562	15	174	3681	4	.	3	1	695	2614		
Keplong Hosp.	243	5515	65	380	31	272	6167	4	9	149	21	2320	8308		
Kapkeros	295	5332	247	1365	113	1061	8106	6	1	5	7	1105	9380		
Qibutyø	24	620	1	13	.	5	638	.	.	.	.	34	361		
Bomet Disp.	3	176	5	13	1	4	195	.	1	.	.	60	255		

Source: MOH, Kericho, 1993.

別表-10 ケニア西部地域における主な人獣共通寄生虫感染症

1) 皮膚リーシュマニア症 (東洋種)	5) 糞虫症
2) 包虫症 (単包虫症)	6) メジナ虫症
3) 住血吸虫症	7) その他: リノスポリチオーシス, リノスクレローマなど
4) 赤痢アメーバ症	

出所: 長崎大学熱帯医学研究班の研究資料 (鳥山寛, 楠田昌子, 板倉英世, 他)

別表-11 ケニア西部地域における悪性腫瘍

男性	女性
1) 悪性リンパ腫瘍	1) 子宮頸癌
2) 軟部組織腫瘍	2) 皮膚癌
3) 皮膚癌	3) 悪性リンパ腫
4) 食道癌	4) 乳癌
5) 前立腺癌	5) 悪性黒色腫
6) 悪性黒色腫	6) 軟部組織腫瘍
7) 陰茎癌	7) 卵巣癌
8) 肝細胞癌	8) 食道癌
9) その他: カボシ肉腫, 膀胱癌, 網膜芽細胞腫など	9) 肝細胞癌
	10) その他: 膀胱癌, 網膜芽細胞腫など

出所: 同上

別表-12 ケニア西部地域における小型固形悪性腫瘍

1) バーキットリンパ腫	6) 線維肉腫
2) 非ホヂキン悪性リンパ腫	7) ホヂキン病
3) 網膜芽細胞腫	8) 偏平上皮癌
4) カボシ肉腫	9) 骨肉腫
5) 腎芽細胞腫	10) その他

出所: 同上

別表-13 ケニア全国の保健医療施設（種類別・所属別）

	保健省 (MOH)	私営・企業 (Private)	教会系 (Mission)	地方自治省 (MOLG)	家族計画協会 (FPAN)	その他政府 (GOV)	合計 (Total)	構成比 (%)
ディスペンサリ (Dispensary)	1,158	409	285	28	0	2	1,882	57.36%
地域保健センター (RHD)	32	0	0	0	0	0	32	0.98%
地域保健訓練センター (RHTC)	7	0	0	0	0	0	7	0.21%
モバイルクリニック (Mobile Clinic)	4	0	12	0	0	0	16	0.49%
ヘルスセンター (HCS)	350	87	68	31	0	0	536	16.34%
ヘルスセンター (SHCS)	13	1	2	6	0	0	22	0.67%
ヘルスクリニック (Health Clinic)	51	230	19	39	21	3	363	11.06%
治療センター (Medical Centre)	8	10	3	0	1	0	22	0.67%
ヘルスプログラム (Health Programme)	0	0	6	1	1	0	8	0.24%
病院 (Hospital)	101	43	62	1	0	1	208	6.34%
助産院 (Maternity Home)	2	19	4	6	0	0	31	0.94%
ナースホーム (Nursing Home)	4	34	2	0	0	0	40	1.22%
保健事務所 (Office)	103	6	1	0	0	0	110	3.35%
特殊施設 (Special Institution)	1	0	3	0	0	0	4	0.12%
合計 (Total)	1,834	839	467	112	23	6	3,281	100%
構成比 (%)	55.90%	25.57%	14.23%	3.41%	0.70%	0.18%	100.00%	

出所：MOH, Kenya's Health Policy Framework 1994より転載。

別表-14 対象地域別の保健医療施設（1996年5月現在）

州 Province	県 District	保健医療施設 (Health Facilities)					訓練施設 (Training F.)			その他 (Other Facilities)					
		HSP	HC	SHC	DSP	小計	MTC	RHTC	RHDC	HCL	MH	NH	MC	N/C	MCL
リフト・バレー州 (RIFT VALLEY)	ケリコ県 (Kericho)	3	3	6	47	59				1					
		7	3		54	64				3		1		2	1
	ボメト県 (Bomet)	1	4	3	28	36									
		2	1		3	6									
	カシオギシ県 (Kisumu)	1	10		34	45			2						
		4	1		25	30				34		1		1	
	ナンディ県 (Nandi)	2	7		21	30		1							
		5		37	42						1				
ニャンザ州 (NYANZA)	キシイ県 (Kisii)	1	12		27	40	1		2				1		
		2	7		12	21				8	6	1		4	
	ニヤミラ県 (Nyamira)	1	9		15	25									
			7		13	20				12		4	9		
	キスム県 (Kisumu)	3	10		37	50	1	1	2			1			
		3	1		14	18				1	3	10			
	ホバ湾県 (Homa-Bay)	1	7	5	28	41			1						
3		12	1	23	39				6	2	11				
西部州 (WESTERN)	カカメガ県 (Kakamega)	1	22		22	45		1	2				2		
		4	4		25	33				8	1	9			
	ビヒガ県 (Vihiga)	1	14		2	17			1						
2		2		5	9						1	1			
合計	政府(GOK)	15	98	14	261	388	1	3	10	1		3	1	1	
	非政府(NGO)	27	43	1	211	282				72	12	39	10	7	
	地域総計	42	141	15	472	670	1	3	10	73	12	42	11	7	

注) 上段は政府系、下段はNGO/Mission系、空欄は該当無し。表中の略語は下記。

- |   |                    |
|---|--------------------|
| HSP: Hospital                           | HCL: Health Clinic |
| HC: Health Centre                       | MH: Maternity Home |
| SHC: Sub-Health Centre                  | NH: Nursing Home   |
| DSP: Dispensary                         | MC: Medical Centre |
| MTC: Medical Training Centre            | N/C: Not Clear     |
| RHTC: Rural Health Training Centre      | MCL: Mobile Clinic |
| RHDC: Rural Health Demonstration Centre |                    |

出所) 保健省資料 1997年

別表-15 保健省開発予算額の推移(1997年~2000年)

(百万K£, %)

		1996/97年	1997/98年	1998/99年	1999/2000年
D11 保健省開発予算額 (百万K£)	合計	257.36	248.95	108.71	84.51
	ODA資金	181.18	191.59	45.13	17.54
	政府資金	76.18	57.35	63.58	66.97
110 管理・計画	小計	34.20	21.10	4.30	1.50
	ODA資金	27.80	20.20	0.60	0.60
	政府資金	6.40	0.94	3.70	0.85
111 治療関連	小計	35.40	30.70	9.95	8.80
	ODA資金	20.00	22.00	-	-
	政府資金	15.40	8.70	9.95	8.81
112 予防プログラム	小計	41.11	56.32	49.54	50.05
	ODA資金	24.51	40.44	28.19	0.60
	政府資金	16.60	15.88	21.35	49.45
113 農村保健	小計	91.65	96.79	43.08	23.00
	ODA資金	68.06	71.36	16.35	16.35
	政府資金	23.59	25.43	26.73	6.66
114 保健訓練 (KMTC他)	小計	22.99	22.65	0.85	0.23
	ODA資金	20.00	20.00	-	-
	政府資金	2.99	2.65	0.85	0.23
115 ケニア国立病院	小計	32.05	21.38	1.00	0.98
	ODA資金	20.86	17.65	-	-
	政府資金	11.19	3.73	1.00	0.98

D11 同構成比 (%)		小計	100.00	100.00	100.00	100.00
	ODA資金	70.40	76.96	41.51	20.75	
	政府資金	29.60	23.04	58.49	79.25	
	小計	13.74	8.48	3.96	1.77	
110 管理・計画	ODA資金	11.17	8.11	0.55	0.71	
	政府資金	2.57	0.38	3.40	1.01	
	小計	14.22	12.33	9.15	10.41	
111 治療関連	ODA資金	8.03	8.84	-	-	
	政府資金	6.19	3.49	9.15	10.42	
	小計	16.51	22.62	45.57	59.22	
112 予防プログラム	ODA資金	9.85	16.24	25.93	0.71	
	政府資金	6.67	6.38	19.64	58.51	
	小計	36.81	38.88	39.63	27.22	
113 農村保健	ODA資金	27.34	28.66	15.04	19.35	
	政府資金	9.48	10.21	24.59	7.88	
	小計	9.23	9.10	0.78	0.27	
114 保健訓練 (KMTC他)	ODA資金	8.03	8.03	-	-	
	政府資金	1.20	1.06	0.78	0.27	
	小計	12.87	8.59	0.92	1.16	
115 ケニア国立病院	ODA資金	8.38	7.09	-	-	
	政府資金	4.49	1.50	0.92	1.16	

出所: MOH Programme Review and Forward Budget 1997/98-1999/2000  
Development Expenditures, Volume-1, 1997より集計した。

別表-16 保健省経常支出額の推移 (1985年~1990年)

(百万K£, %)

	1985年	1986年	1987年	1988年	1989年	1990年
R11 経常支出額 (百万K£)	73.0	79.6	96.5	101	113.7	122.6
111 治療	48.6	57.2	69.6	79.0	82.1	81
112 予防プログラム	2.9	3.5	4.0	4.1	6.2	12.9
113 農村保健	4.2	6.7	6.5	6.5	12.5	15.4
117 ケニア国立病院	8.1	9.4	12.4	11.7	12.9	15.3

同構成比 (%)	100.0	100.0	100.0	100.0	100.0	100.0
111 治療	66.6	71.9	72.1	78.2	72.2	66.1
112 予防プログラム	3.9	4.4	4.2	4.1	5.5	10.5
113 農村保健	5.8	8.4	6.7	6.4	11.0	12.6
117 ケニア国立病院	11.1	11.8	12.9	11.6	11.4	12.5

出所: MOH Programme Review and Forward Budget 1997/98-1999/2000

Recurrent Expenditures, Volume-1, 1997より集計した。

別表-17 保健省経常予算の予定額 (1997年~2000年)

(百万K£, %)

	1996/97年	1997/98年	1998/99年	1999/2000年
R11 経常予算額 (百万K£)	411.9	435.6	457.9	479.3
110 管理・計画	16.5	18.3	18.9	18.4
111 治療	220.4	235.5	248.4	258.5
112 予防プログラム	11.3	12.3	13.1	14.0
113 農村保健	68.9	73.4	76.4	79.3
114 保健訓練(KMTC)	19.0	19.8	21.8	23.9
115 医療保険(NHIF)	10.3	10.3	13.8	19.1
116 医薬品供給	2.1	3.0	2.4	3.1
117 ケニア国立病院	62.6	62.0	62.0	62.0

同構成比 (%)	100.2	100.2	100.2	100.2
110 管理・計画	4.1	4.2	4.1	3.9
111 治療	53.6	54.2	54.4	54.1
112 予防プログラム	2.8	2.8	2.9	2.9
113 農村保健	16.8	16.9	16.7	16.6
114 保健訓練(KMTC)	4.6	4.6	4.8	5.0
115 医療保険(NHIF)	2.5	2.4	3.0	3.9
116 医薬品供給	0.5	0.7	0.5	0.7
117 ケニア国立病院	15.2	14.3	13.6	12.9

出所: MOH Programme Review and Forward Budget 1997/98-1999/2000

Recurrent Expenditures, Volume-1, 1997より集計した。

別表-18 保健省の治療分野の経常予算の内訳別予定額 (1996年~2000年)

(百万K£, %)

	1996/97年	1997/98年	1998/99年	1999/2000年
治療分野の経常予算額 (百万K£)	220.46	235.46	248.43	258.27
294 交換部品購入	-	0.18	0.22	0.18
296 PHCユニット	-	0.05	0.05	0.06
316 州病院	65.70	68.40	71.10	73.70
316 県病院	144.20	155.40	165.00	171.50
318 精神病院	7.70	8.20	8.80	9.20
319 NGO支援	0.53	0.55	0.56	0.56
320 脊椎病院	1.20	1.30	1.30	1.50
321 医療機器検査	0.14	0.30	0.23	0.25
351 歯科病院	0.99	1.08	1.17	1.32

同構成比 (%)	100.00	100.00	100.00	100.00
294 交換部品購入	-	0.08	0.09	0.07
296 PHCユニット	-	0.02	0.02	0.02
316 州病院	29.8	29.1	28.6	28.5
316 県病院	65.4	66.0	66.4	66.4
318 精神病院	3.5	3.5	3.5	3.6
319 NGO支援	0.2	0.2	0.2	0.2
320 脊椎病院	0.5	0.6	0.5	0.6
321 医療機器検査	0.1	0.1	0.1	0.1
351 歯科病院	0.5	0.5	0.5	0.5

出所: MOH Programme Review and Forward Budget 1997/98-1999/2000

Recurrent Expenditures, Volume-1, 1997より集計した。

別表-19 対象病院別にみる保健省経常支出額の内訳 (1996/7年度)

(単位: 1K $\text{\yen}$  = 20KSH)

	610 キシイ病院 (KISII DH)		550 ニヤマラ病院 (NYAMIRA DH)		720 ケリチョー病院 (KERICHO DH)		721 ロンディニアニ病院 (Londiani SDH)		722 カフカテット病院 (Kapkatei SDH)		780 ロンギサドゥ病院 (LONGISA DU Bomet)	
	額(K $\text{\yen}$ )	構成(%)	額(K $\text{\yen}$ )	構成(%)	額(K $\text{\yen}$ )	構成(%)	額(K $\text{\yen}$ )	構成(%)	額(K $\text{\yen}$ )	構成(%)	額(K $\text{\yen}$ )	構成(%)
000~080 人件費・手当	2,836.2	79.8	2,116.2	81.5	2,058.1	78.9	521.2	67.1	544.9	56.6	151.8	33.1
100~115 交通・輸送費	90.4	2.5	37.6	1.4	62.5	2.4	24.5	3.2	33.1	3.4	30.3	6.6
120~143 通信・光熱費	150.9	4.2	99.8	3.8	137.8	5.3	35.2	4.5	85	8.8	61.2	13.3
151 医薬品購入費	199.6	5.6	141.8	5.5	162.1	6.2	86.5	11.1	144.1	15.0	86.4	18.8
155~179 消耗品・その他購入費	253.5	7.1	166.8	6.4	163.6	6.3	96.5	12.4	139	14.4	119.7	26.1
181~220 機材・機器購入費	4.9	0.1	16.9	0.7	4.9	0.2	4.9	0.6	4.6	0.5	4.9	1.1
250~260 メンテナンス費	19.7	0.6	17.95	0.7	18.6	0.7	8.4	1.1	12.6	1.3	4.6	1.0
経常支出額	3,554.9	100.0	2,597	100.0	2,607.5	100.0	777.1	100.0	953.2	100.0	459.0	100.0
雑収入	100		100		100		60		60		100	
経常支出額	3,554.8		2,596.9		2,607.4		777.0		953.1		458.9	

出所: Programme Review and Forward Budget 1997/98-1999/2000, Recurrent Expenditures, Volume-1, 1997より作表した。

解説:

別表一20 対象病院別にみる保健省経常予算額 (1996/7年度)

単位: 1K£=20KSH

	610 KISII		650 NYAMIRA		720 KERICHO		721 Londiani		722 Kapkatet		780 LONGISA		(Some) %
	DH	%	DH	%	DH	%	SDH	%	SDH	%	DH	%	
000 Personal Emoluments	1989.6	56.0	1514.9	58.3	1446.9	55.5	365.3	47.0	371.9	38.6	60.4	13.2	
050 House Allowances	429.9	12.1	314.3	12.1	300.2	11.5	75.5	9.7	77.2	8.0	13.1	2.9	
060 Other Personal Allowances	96.7	2.7	54.6	2.1	79.9	3.1	23.5	3.0	36.3	3.8	29.1	6.3	
065 Medical Allowance	307.1	8.6	224.5	8.6	214.4	8.2	53.9	6.9	55.1	5.7	9.3	2.0	
080 Passage and Leave Expenses	12.9	0.4	7.9	0.3	16.7	0.6	3	0.4	4.4	0.5	39.9	8.7	
100 Transport Operating Exp.	50	1.4	28.7	1.1	42.3	1.6	16.9	2.2	23	2.4	21.1	4.6	
110 Travelling and Accomodation Exp.	16.9	0.5	8.7	0.3	19.8	0.8	7.4	1.0	9.9	1.0	8.7	1.9	
115 Patient Travelling Exp.	23.5	0.7	0.2	0.0	0.4	0.0	0.2	0.0	0.2	0.0	0.5	0.1	
120 Postal and Telegrams Exp.	1.1	0.0	0.6	0.0	1.1	0.0	0.4	0.1	0.4	0.0	0.4	0.1	
121 Telephone Exp.	13.2	0.4	5.3	0.2	14.6	0.6	4.5	0.6	6.7	0.7	3.2	0.7	
140 Electricity Exp.	66.2	1.9	42.8	1.6	53.8	2.1	12.8	1.6	33.5	3.5	25	5.4	
141 Water and Conservancy Exp.	50	1.4	38	1.5	47.5	1.8	12.5	1.6	31.2	3.2	23	5.0	
143 Fuel/Gas Exp.	20.4	0.6	13.1	0.5	20.8	0.8	5	0.6	13.2	1.4	9.6	2.1	
151 Purchase of Drug	199.6	5.6	141.8	5.5	162.1	6.2	36.5	11.1	144.1	15.0	86.4	18.8	
155 Pur. of X-Ray Supplies	3.5	0.1	2.2	0.1	4.5	0.2	1.8	0.2	3.7	0.4	3.5	0.8	
156 Pur. of Oxygen	13.2	0.4	7.6	0.3	8.8	0.3	6.3	0.8	8.2	0.9	7	1.5	
158 Pur. of Dressg and Non-Pharm. Items	5.7	0.2	3.9	0.3	5	0.2	1.7	0.2	3.2	0.3	4.3	0.9	
160 Pur. of Food and Rations(Patients)	181	5.1	111.6	4.3	104.1	4.0	60	7.7	85	8.8	71	15.5	
170 Pur. of Consumable Stores	3.4	0.1	2.7	0.1	3.5	0.1	2.1	0.3	2.5	0.3	3.1	0.7	
172 Pur. of Uniform and Clothing	5	0.1	5	0.2	5	0.2	2.4	0.3	5.2	0.5	5.2	1.1	
174 Pur. of Stationery	4.3	0.1	4.4	0.2	5.5	0.2	3.3	0.4	4.4	0.5	3.3	0.7	
177 Printing of Med. Records	5.8	0.2	3.5	0.1	4.5	0.2	3	0.4	3.8	0.4	2	0.4	
178 Pur. of Hospital Linen	27.7	0.8	19	0.7	19	0.7	14.3	1.8	20	2.1	17.3	3.8	
179 Pur. of Uniforms and Clothing(Patie)	3.9	0.1	1.9	0.1	3.7	0.1	1.6	0.2	3	0.3	3	0.7	
181 Payment of Rents and Rates-Resident	0	0.0	12	0.5	0	0.0	0.5	0.0	0.0	0.0	0	0.0	
180 Mis. Other Charges	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.1	0.2	0.0	0.5	0.1	
200 Replacement of Motor Vehicles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
220 Pur. of Plant and Equipment	4.4	0.1	4.4	0.2	4.4	0.2	4.4	0.6	4.4	0.5	4.4	1.0	
250 Maint. of Plant, Mach. and Equip.	9.3	0.3	9	0.3	6.5	0.2	6.6	0.8	6	0.6	2.8	0.6	
255 Maint. of Dental Equipmt.	8.6	0.2	7.15	0.3	9.2	0.4	0	0.0	2	0.2	0	0.0	
260 Maint. of Buildings and Stations	1.8	0.1	1.8	0.1	2.9	0.1	1.8	0.2	4.6	0.5	1.8	0.4	
Gross Expenditure (K£)	3554.9	100.0	2597	100.0	2607.5	100.0	777.1	100.0	963.2	100.0	459	100.0	
Miscellaneous Receipts	100		100		100		60		60		100		
Net Expenditure Subhead	3554.8		2596.9		2607.4		777		963.1		458.9		

出所: Programme Review and Forward Budget: 1997/98-1999/2000, Recurrent Expenditures Volume-1, MOH 1997

別表-21 対象病院別にみる保健要員数と人件費の推移 (1996/7年~1997/8年)

	要員数 (人)						人件費 (1000K£)			1人当り年間人件費 (K£)		
	1996/97年		1997/98年		対前年 縮小数	増加率 (%)	1997年	1998年	増加率 (%)	1997年	1998年	増加率 (%)
	認定数	実働数	認定 不足数	実働 予定数			1997年	1998年		1997年	1998年	
600 ニヤンザ州総合病院 (NEW NYANZA PCH)	1,323	1,089	-234	1,067	-22	3.686.9	3,797.5	3.00	3,385.6	3,559.0	5.12	
700 ナクル州総合病院 (NAKURU PCH)	1,540	1,524	-16	1,359	-165	4,763.0	4,905.9	3.00	3,125.3	3,609.9	15.51	
610 キンイ県病院 (KISII DH)	568	548	-20	519	-29	1,989.6	2,049.3	3.00	3,630.7	3,948.6	8.76	
650 ニヤミラ県病院 (NYAMIRA DH)	306	493	187	443	-50	1,514.9	1,560.3	3.00	3,072.8	3,522.1	14.62	
720 ケリチヨー県病院 (KERicho DH)	503	392	-111	385	-7	1,446.9	1,490.4	3.01	3,691.1	3,871.2	4.88	
721 ロンディアニ二級県病院 (Londiani SDH)	83	102	19	102	0	365.3	376.2	2.98	3,581.4	3,688.2	2.98	
722 カブカテット二級県病院 (Kapkalet SDH)	275	102	-173	102	0	371.9	383.1	3.01	3,646.1	3,755.9	3.01	
780 ロンギサ県病院 (LONGISA DH, Bomet)	19	17	-2	16	-1	60.4	62.3	3.15	3,552.9	3,893.8	9.59	
335 ベンガウ/ディズベ'ガリ(全国) (RHCS & Disp.)	10,818	9,031	-1,787	8,477	-544	3,850.6	3,966.1	3.00	426.4	467.9	9.73	
336 地域保健訓練所(全国) RHIC & RHDC	1,455	900	-555	870	-30	2,641.1	2,720.3	3.00	2,934.6	3,126.8	6.55	

出所: Programme Review and Forward Budget 1997/98-1999/2000, Recurrent Expenditures, Volume-1, 1997より作表した。

別表-22 対象病院別にみる保健施設の年間診療収益額 (FIF: 1995年6月~1997年)

	IP/Cash	IP/NHIF	X-RAY	LAB	DENTAL	MED EXAM	CIRCSN
<b>&lt;ケリチョー県&gt;</b>							
Kericho DH	819.98	98.56	200.88	170.94	144.89	15.20	0.00
構成比 (%)	34.33	4.13	8.41	7.16	6.07	0.64	0.00
Londiani SDH	105.78	0.00	16.00	11.65	0.30	3.07	0.00
構成比 (%)	46.57	0.00	7.04	5.13	0.13	1.35	0.00
Kapkalet SDH	28.87	0.00	0.00	7.32	0.15	0.40	0.00
構成比 (%)	40.07	0.00	0.00	10.16	0.21	0.56	0.00
Health Centres	7.28	0.06	0.00	8.46	0.00	0.00	0.00
構成比 (%)	7.75	0.06	0.00	9.01	0.00	0.00	0.00
小計	961.91	98.62	216.88	193.37	145.34	18.67	0.00
構成比 (%)	34.58	3.55	7.80	7.13	5.23	0.67	0.00
<b>&lt;キシイ県&gt;</b>							
Kisi DH	1,832.65	445.42	395.61	251.01	121.95	106.70	0.00
構成比 (%)	35.96	8.74	7.76	4.92	2.39	2.09	0.00
Health Centres	44.75	0.00	0.00	26.36	0.00	0.00	0.00
構成比 (%)	5.30	0.00	0.00	3.12	0.00	0.00	0.00
小計	1,877.40	445.42	395.61	277.37	121.95	106.70	0.00
構成比 (%)	31.60	7.50	6.66	4.67	2.05	1.80	0.00
<b>&lt;ニヤミラ県&gt;</b>							
Nyamira DH	971.30	105.12	77.92	146.90	33.93	35.60	0.00
構成比 (%)	48.81	5.28	3.92	7.38	1.70	1.79	0.00
Health Centres	0.10	0.00	0.64	3.12	0.00	0.00	0.00
構成比 (%)	0.04	0.00	0.23	1.12	0.00	0.00	0.00
小計	971.40	105.12	78.56	150.02	33.93	35.60	0.00
構成比 (%)	42.82	4.63	3.46	6.61	1.50	1.57	0.00
<b>&lt;キスム県&gt;</b>							
New Nyanza PGH	1,237.71	2,014.25	557.87	409.64	166.34	23.82	0.00
構成比 (%)	19.51	31.74	8.79	6.46	2.62	0.38	0.00
Kisumu DH	527.21	757.92	79.50	167.70	0.00	13.10	0.00
構成比 (%)	24.10	34.64	3.63	7.66	0.00	0.60	0.00
Victoria AH	89.55	862.75	0.00	0.85	0.00	0.00	0.00
構成比 (%)	9.17	88.36	0.00	0.09	0.00	0.00	0.00
Health Centres	0.00	0.00	0.00	0.00	0.00	0.00	0.00
構成比 (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
小計	1,854.47	3,634.92	637.37	578.19	166.34	36.92	0.00
構成比 (%)	19.19	37.62	6.60	5.98	1.72	0.38	0.00
<b>&lt;ナンディ県&gt;</b>							
Kapsabet DH	694.54	445.61	93.75	287.75	11.76	38.00	0.00
構成比 (%)	27.80	17.84	3.75	11.52	0.47	1.52	0.00
Nandi Hills SDH	185.08	366.88	15.39	31.99	0.58	11.72	0.00
構成比 (%)	24.07	47.71	2.00	4.16	0.08	1.52	0.00
Health Centres	0.00	0.00	0.00	0.00	0.00	0.00	0.00
構成比 (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
小計	879.62	812.49	109.14	319.74	12.34	49.72	0.00
構成比 (%)	26.92	24.87	3.34	9.79	0.38	1.52	0.00
<b>&lt;ウアシングシユ県&gt;</b>							
Eldoret DH	1,877.00	879.71	229.25	199.66	225.56	72.80	0.00
構成比 (%)	39.34	18.44	4.81	4.18	4.73	1.53	0.00
Health Centres	0.00	0.00	0.00	0.00	0.00	0.00	0.00
構成比 (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
小計	1,877.00	879.71	229.25	199.66	225.56	72.80	0.00
構成比 (%)	37.67	17.65	4.60	4.01	4.53	1.46	0.00

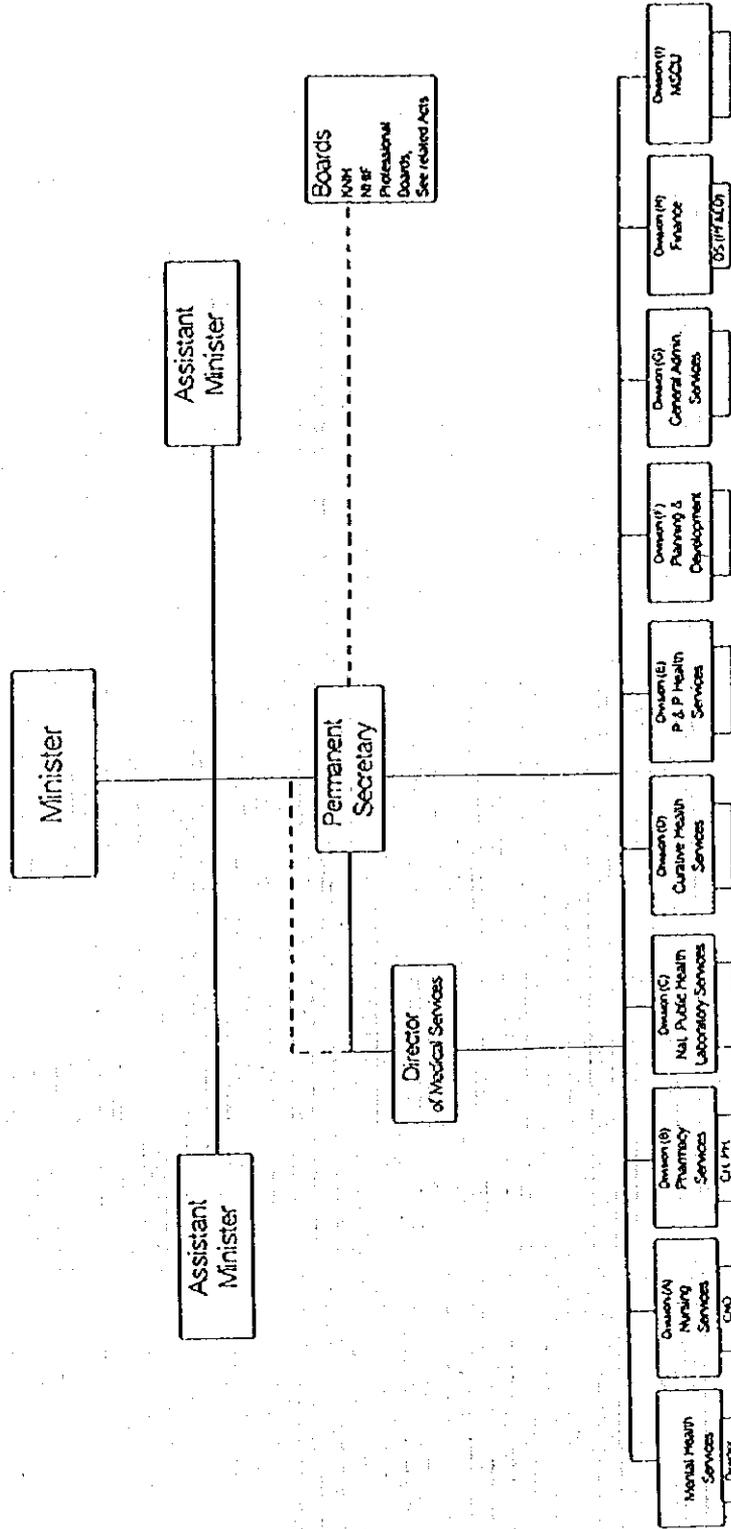
略語) IP: In-patient, OP: Out-patient

出所: 保健省 MONTHLY COLLECTIONS REPORT, 22 April 1997, RIS より集計した。

MORTURY	PHYSIOPT	OP/TREATMT	OP/PHARMCY	MISC.	UNIDENTIFD	TOTAL (A)	TARGET (B)	E=A/B(%)
42.38	55.78	32.77	807.00	0.02	0.00	2,388.40	5,112.37	46.72
1.77	2.34	1.37	33.79	0.00	0.00	100.00		
4.30	1.10	21.60	62.81	0.54	0.00	227.15	739.87	30.70
1.89	0.48	9.51	27.65	0.24	0.00	100.00		
1.20	0.60	2.38	30.72	0.40	0.00	72.04	2,341.90	3.08
1.67	0.83	3.30	42.64	0.56	0.00	100.00		
0.00	0.00	26.38	24.39	0.00	27.37	93.94	2,363.51	3.97
0.00	0.00	28.08	25.96	0.00	29.14	100.00		
47.88	57.48	83.13	924.92	0.96	27.37	2,781.53	10,557.65	26.35
1.72	2.07	2.99	33.25	0.03	0.98	100.00		
0.00	45.03	858.20	1,040.37	0.00	0.00	5,096.93	7,291.02	69.91
0.00	0.88	16.84	20.41	0.00	0.00	100.00		
0.00	0.00	174.65	88.65	0.00	509.34	843.75	2,701.15	31.24
0.00	0.00	20.70	10.51	0.00	60.37	100.00		
0.00	45.03	1,032.85	1,129.02	0.00	509.34	5,940.67	9,992.17	59.45
0.00	0.76	17.39	19.00	0.00	8.57	100.00		
78.30	10.06	110.72	420.28	0.00	0.00	1,990.12	4,872.05	40.85
3.93	0.51	5.56	21.12	0.00	0.00	100.00		
0.00	0.00	80.48	125.33	0.00	68.82	278.49	1,012.93	27.49
0.00	0.00	28.90	45.00	0.00	24.71	100.00		
78.30	10.06	191.20	545.61	0.00	68.82	2,268.61	5,884.98	38.55
3.45	0.44	8.43	24.05	0.00	3.03	100.00		
787.15	68.75	163.14	840.18	76.38	0.00	6,345.22	24,122.95	26.30
12.41	1.08	2.57	13.24	1.20	0.00	100.00		
0.00	24.95	129.26	193.60	2.26	292.40	2,187.91	3,680.10	59.45
0.00	1.14	5.91	8.85	0.10	13.36	100.00		
0.00	0.00	11.34	7.71	4.20	0.00	976.40	2,044.00	47.77
0.00	0.00	1.16	0.79	0.43	0.00	100.00		
0.00	0.00	0.00	0.00	0.00	153.26	153.26	675.29	22.70
0.00	0.00	0.00	0.00	0.00	100.00	100.00		
787.15	93.71	303.74	1,041.49	82.84	445.66	9,662.79	30,522.34	31.66
8.15	0.97	3.14	10.78	0.86	4.61	100.00		
13.30	2.28	297.27	612.22	0.60	0.98	2,498.06	4,871.15	51.28
0.53	0.09	11.90	24.51	0.02	0.04	100.00		
1.30	1.49	55.83	98.56	0.15	0.00	768.97	1,605.92	47.88
0.17	0.19	7.26	12.82	0.02	0.00	100.00		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,012.93	0.00
14.60	3.77	353.10	710.78	0.75	0.98	3,267.03	7,490.00	43.62
0.45	0.12	10.81	21.76	0.02	0.03	100.00		
83.84	31.27	503.90	569.81	94.56	3.60	4,770.91	8,352.48	57.12
1.76	0.66	10.56	11.94	1.98	0.08	100.00		
0.00	0.00	0.00	0.00	0.00	211.90	211.90	1,350.58	15.69
83.84	31.27	503.90	569.81	94.56	215.50	4,982.81	9,703.06	51.35
1.68	0.63	10.11	11.44	1.90	4.32	100.00		

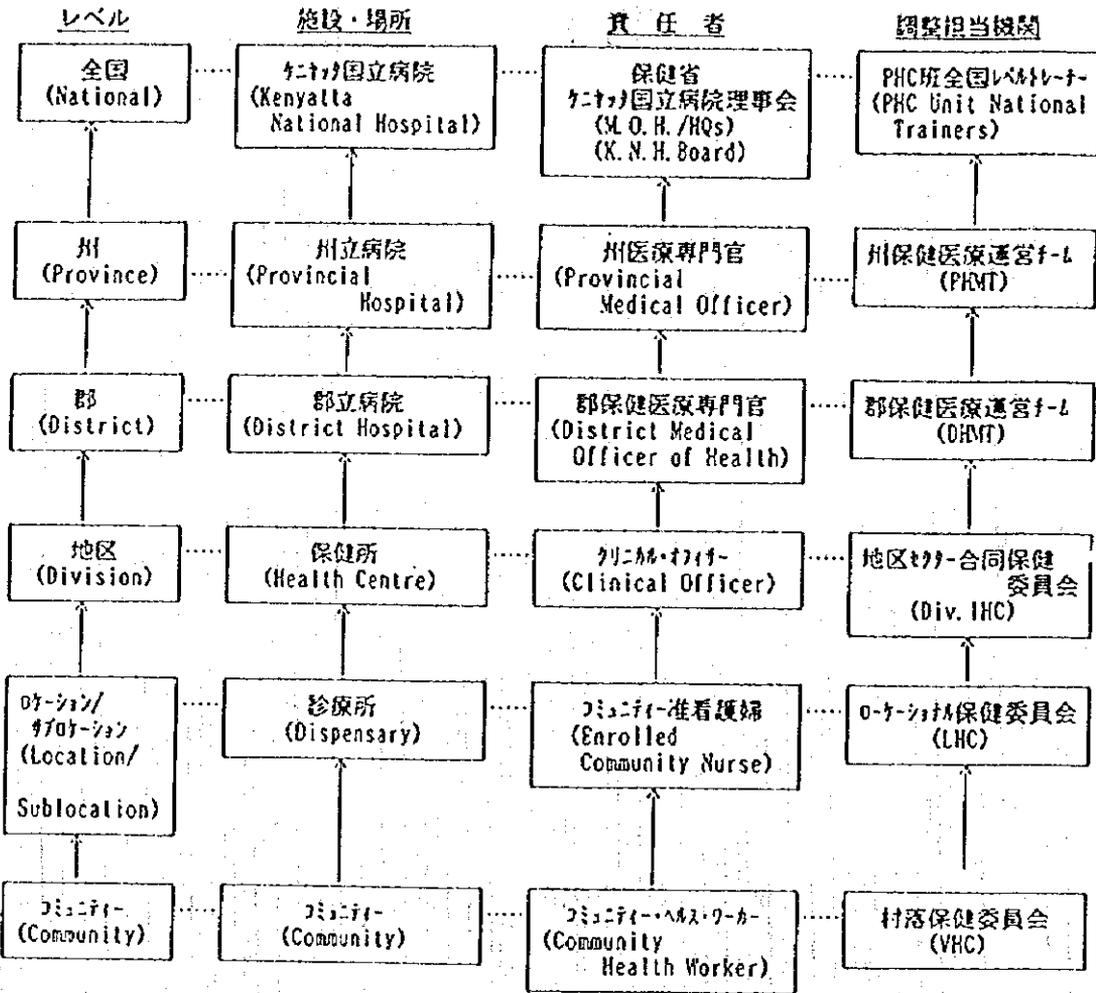
別図一 1 ケニア保健省の組織図（改訂前：1989年）

The Ministry of Health



Source: Physical Planning and Implementation Unit (PIU), MCH, May, 1989

別図-2 ケニアにおける保健医療システム



注. PHC — Primary Health Care  
 PHMT — Provincial Health Management Team  
 DHMT — District Health Management Team  
 Div. IHC — Divisional Intersectoral Health Committee  
 LHC — Locational Health Committee  
 VHC — Village Health Committee

出典: DANIDA, KEPI Report, Annex 2

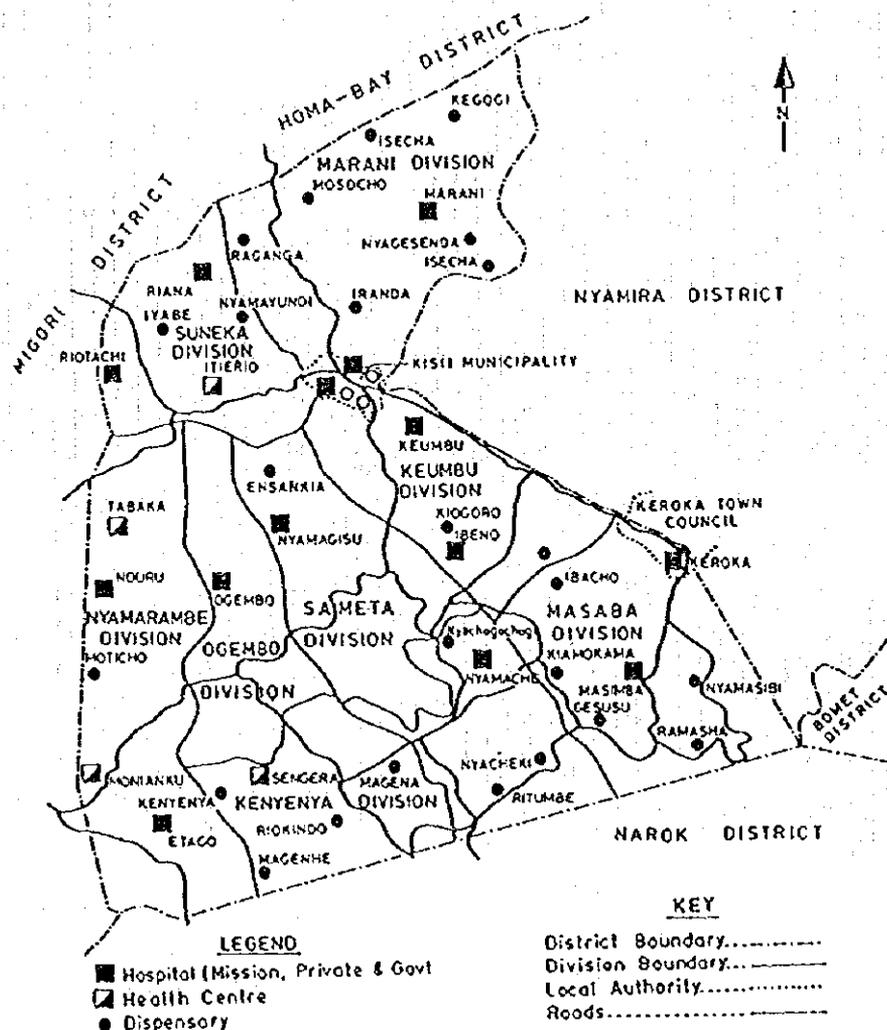
(注) JICA「国別医療協力ファイル:ケニア」より転載。

別図-3 キシイ県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルセンタ- (HCs)	ディスペンザリ- (DSP)	その他 (Clinics/N. Homs)	小計
MARANI	-	1	4	-	5
MOSOCHO	-	-	3	-	3
NYAMACHE	-	-	-	(2)	2
NYACHEKI	-	-	2	-	2
SAMETA	-	2	-	(1)	3
OGEEMBO	-	2	-	-	2
KENYENYA	-	-	4	-	4
SUNEKA	-	1	4	-	5
NYAMARAMBEI	1	2	1	-	3
MASABA	-	2	5	(2)	9
MUNICIPALITY	2	-	5	(2)	9
小計	3	11	31	(6)	51

出所: Kisii District Development Plan 1994-1996

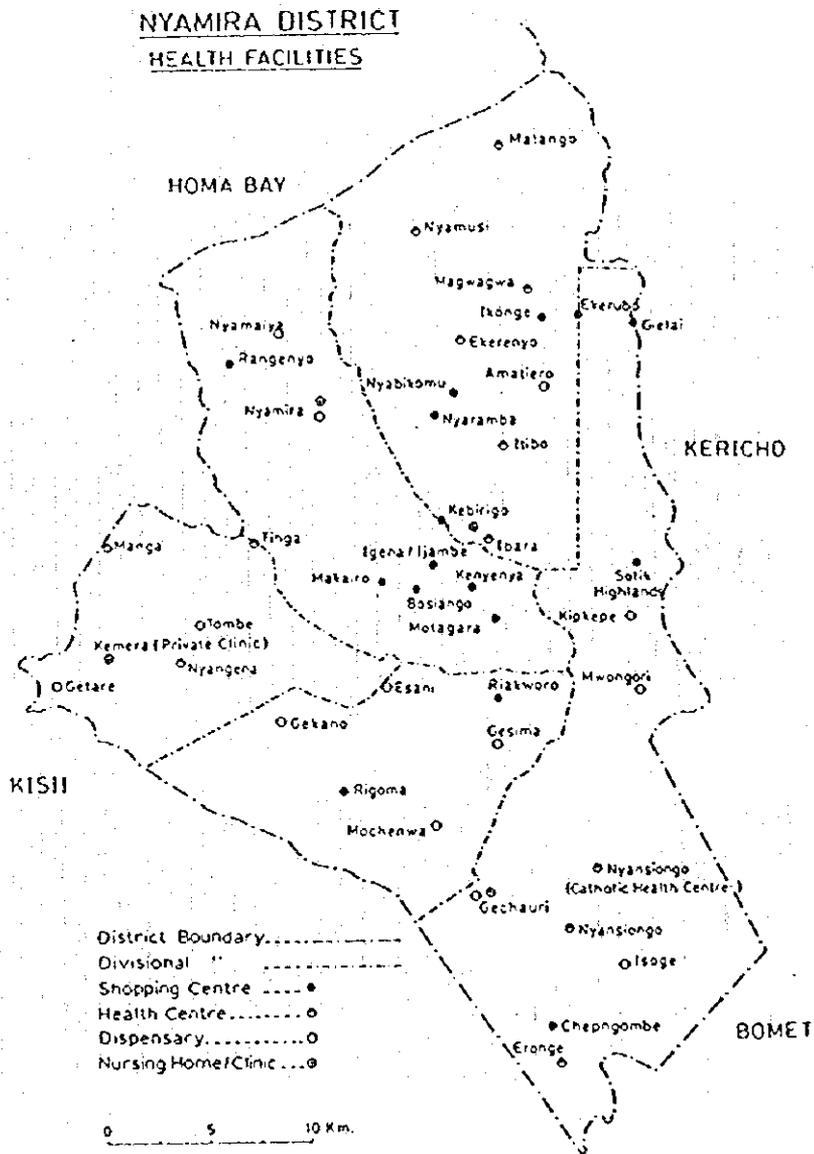
KISII DISTRICT  
DISTRIBUTION OF HEALTH FACILITIES



別図-4 ニヤミラ県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルシーナ (HCs)	ディスペンサリ (DSP)	その他 (Clinics/N. Homs)	小計
NYAMIRA	1	1	10	不詳	12
EKERENYO	-	3	7		10
MANGA	-	1	5		6
RIGOMA	-	1	6		7
BORABU	-	-	10		10
小計	1	6	38		45

出所: Nyamira District Development Plan 1994-1996

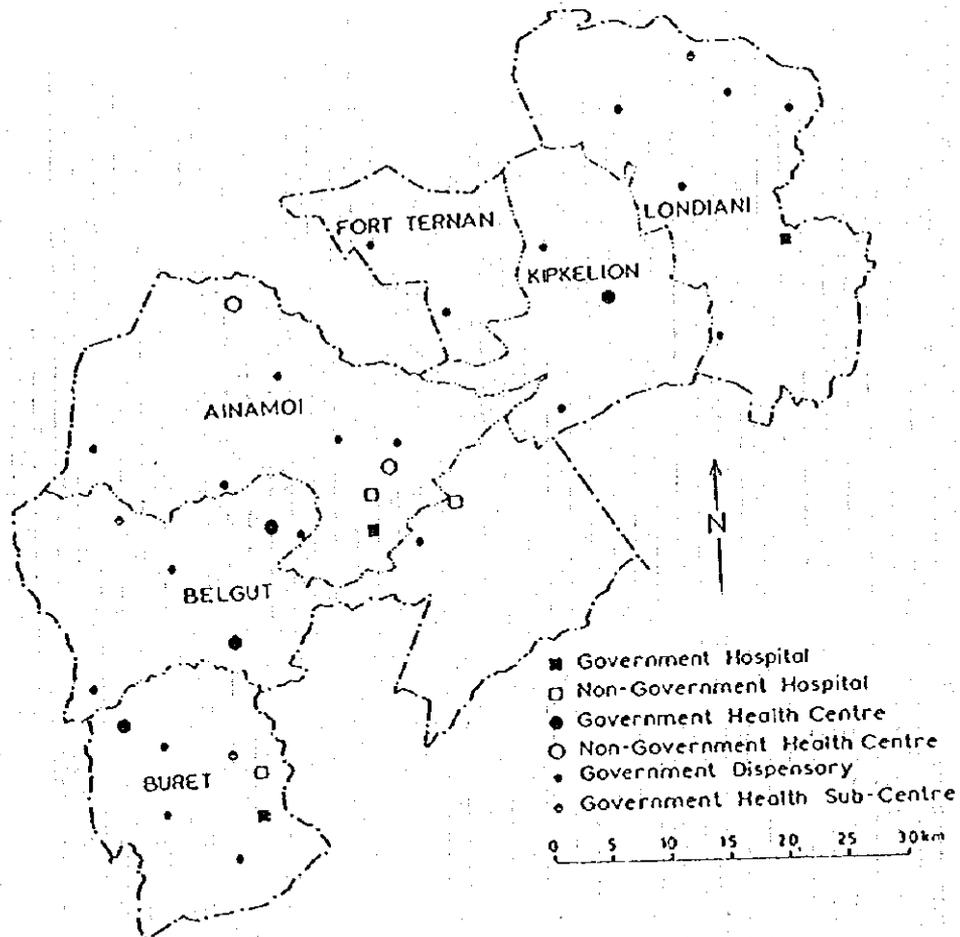


別図-5 ケリチヨ一県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルセンタ- (HCs)	ディスペンサ- (DSP)	その他 (Clinics/N. Homs)	小計
BURET	2	1	10	(2)	13
BELGUT	1	1	2	(2)	4
AINAMOI	4	2	9	(2)	17
EIPKELION	-	-	3	(1)	3
FORT-TERNAN	-	-	3	(2)	3
LONDIANI	1	-	3	(2)	4
小計	8	4	30	(11)	42

出所: Kericho District Development Plan 1994-1996

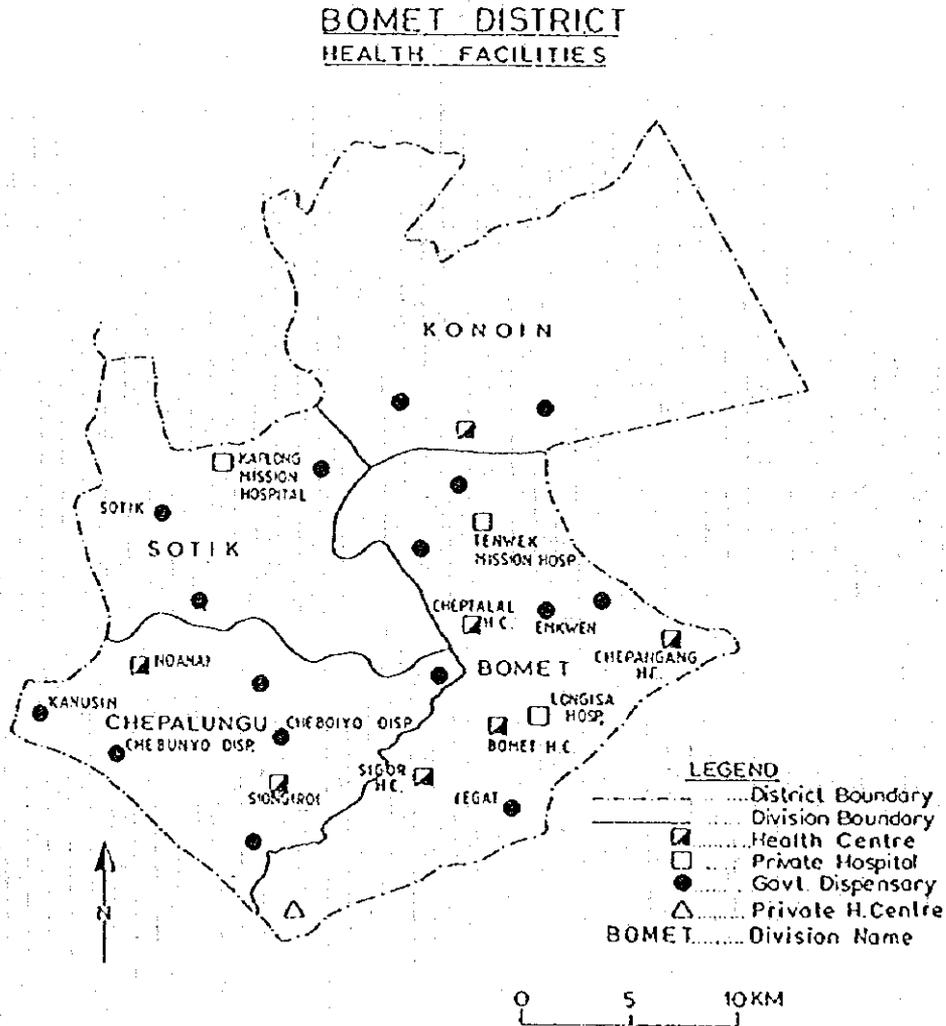
Map 4: Distribution of Health Facilities.



別図-6 ポメット県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルスセン- (HCs)	ディスペンサリ- (DSP)	その他 (Clinics/N. Hons)	小計
BOMET CENTRAL	1	9			10
KONOIN	-	4			4
KIMULOT	-	1			1
SOTIK	1	1	不詳	不詳	1
LONGISA	-	3			3
SIGOR	-	7			7
CHEPALINGU	-	6			6
小計	2	31			33

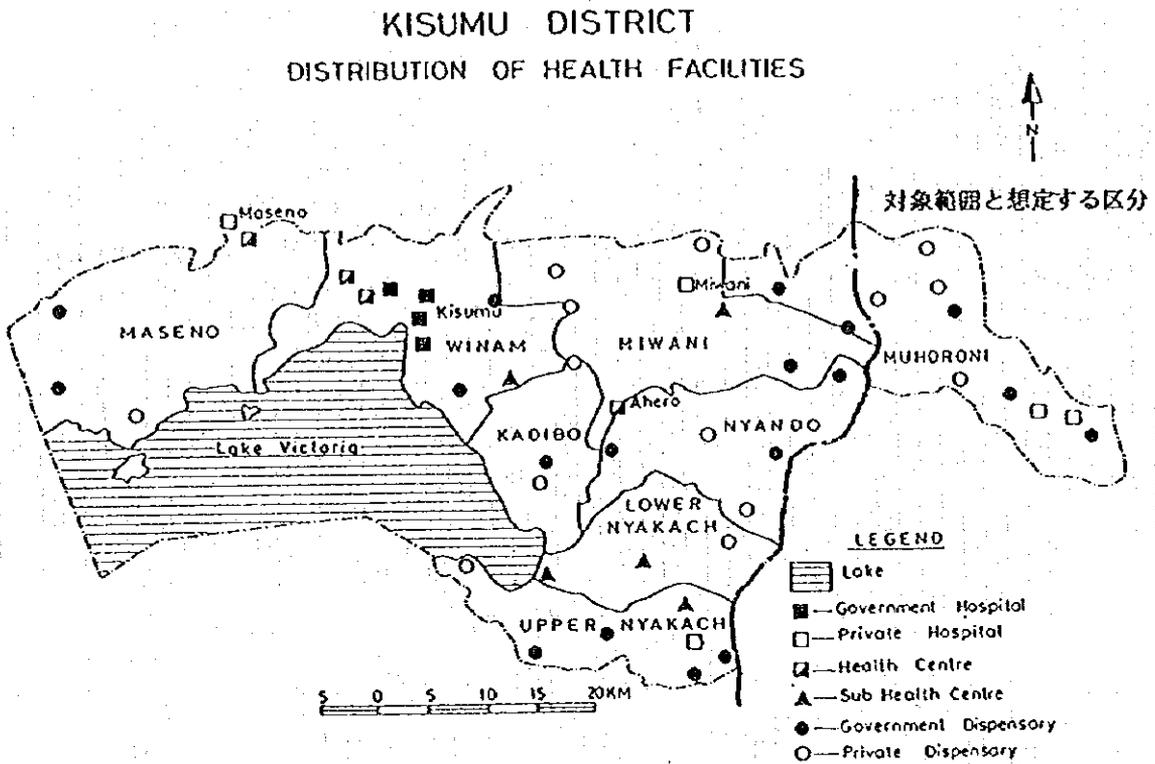
出所: Bomet District Development Plan 1994-1996



別図-7 キスム県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルスセンター (HCs)	ディスペンサリー (DSP)	その他 (Clinics/N. Homs)	小計
WINAM	4	5	17	(5)	26
MUHORONI/WINAM	3	2	9	(2)	14
LOWER NYAKACH	-	2	3	-	5
UPPER NYAKACH	1	1	7	(2)	9
MASENO	1	4	6	(1)	11
NYANDO/KADIBO	-	1	5	(1)	6
小計	9	15	47	(11)	73

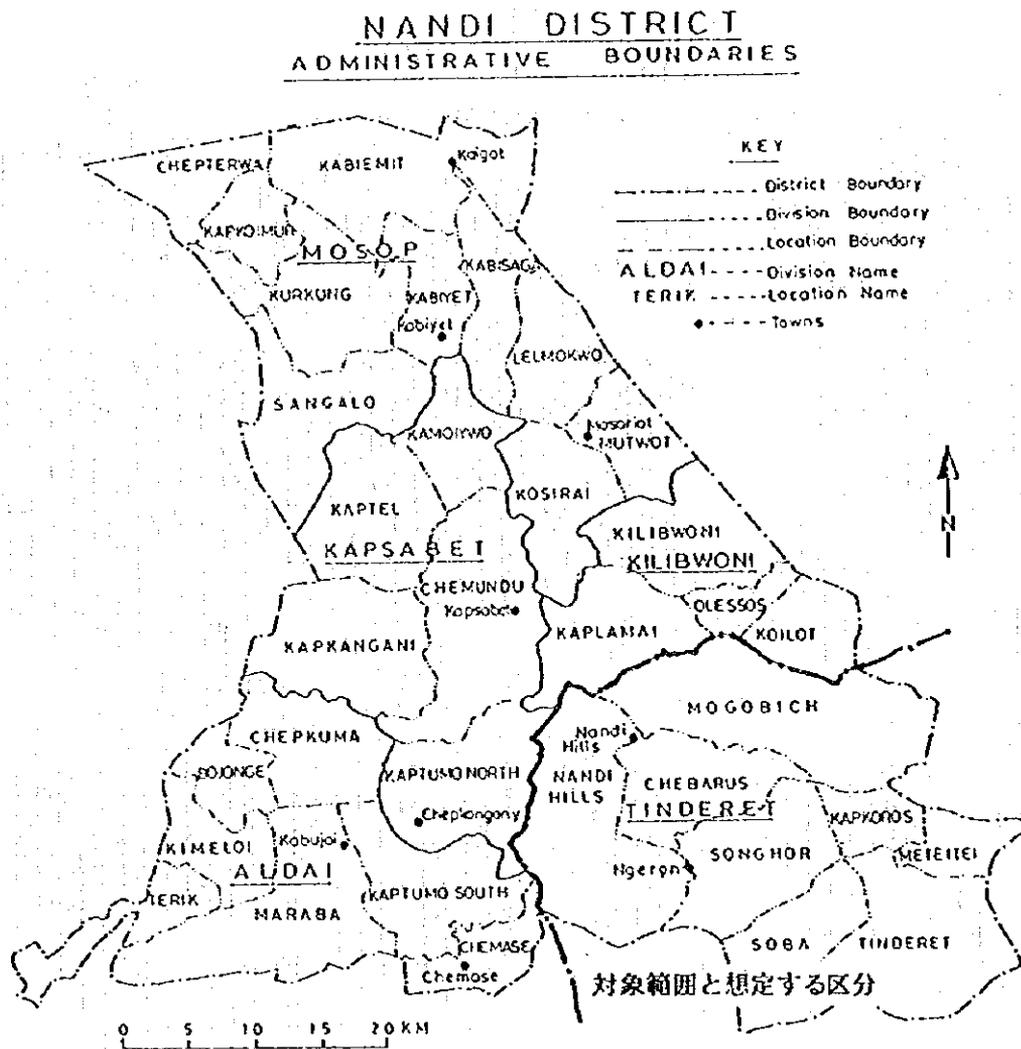
出所: Kisumu District Development Plan 1994-1996



別図-8 ナンディ県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルプセンター (HCs)	デ (スパンリ) (DSP)	その他 (Clinics/N. Hons)	小計
ALDAI	-	1	6	不詳	7
KAPSABET	2	1	5		8
MOSOP	-	4	6		10
TINDERET	1	2	20		23
KILIBWONI	-	1	4		5
小計	3	9	14		53

出所: Nandi District Development Plan 1994-1996

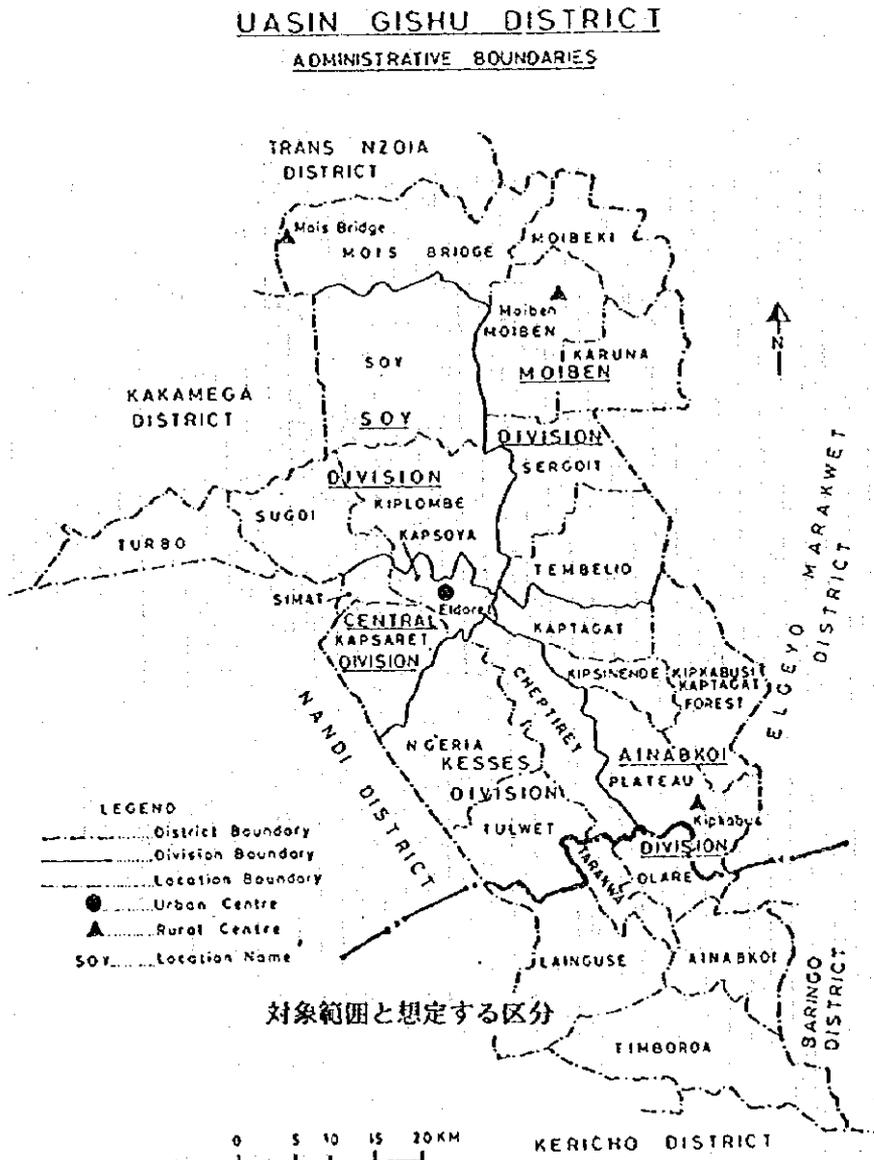


注) 施設の分布情報がないため、行政区分図を転載した。

別図-9 ウアシンギシュ県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルソン・ (HCs)	ディスペンサリ・ (DSP)	その他 (Clinics/N.Homs)	小計
MOIBEN SOY KESSE AINABKOI CENTRAL	不詳	不詳	不詳	不詳	不詳
小計					

出所: Uasin-Gishu District Development Plan 1994-1996



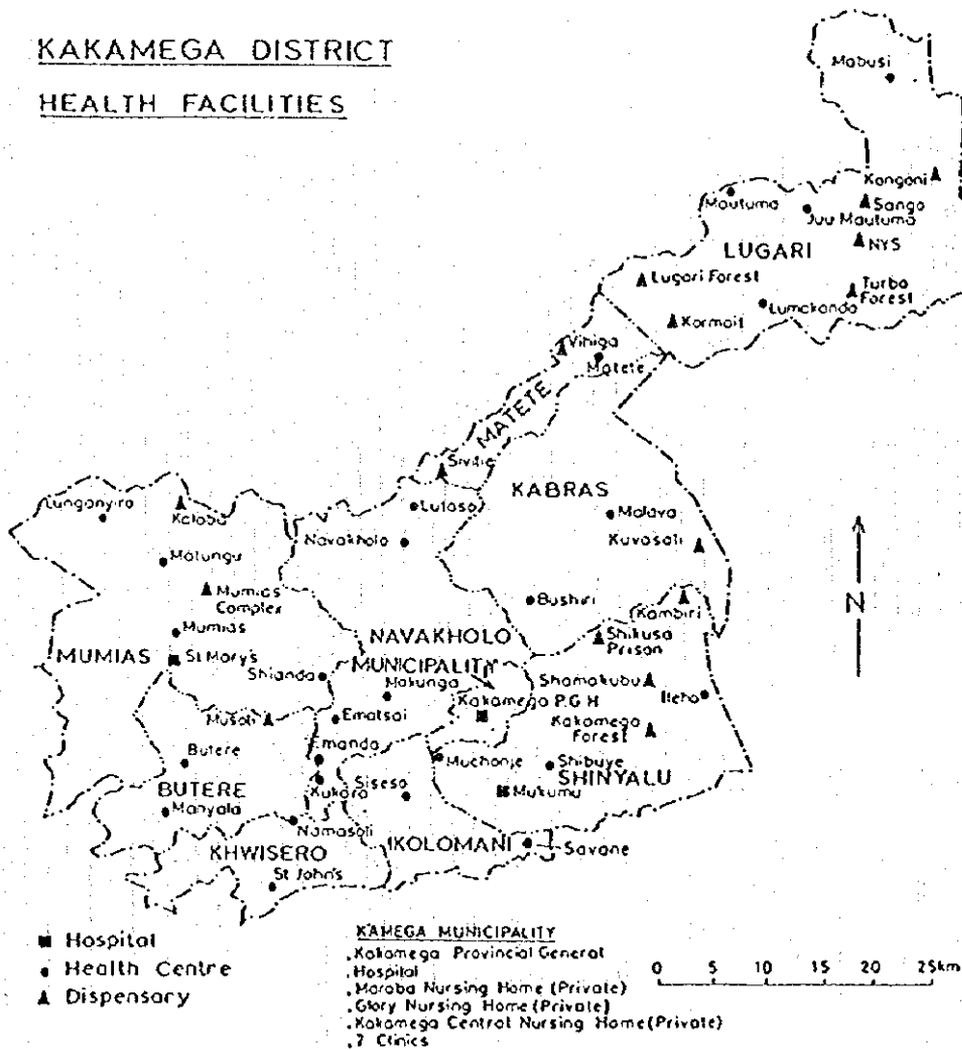
注) 施設の分布情報がないため、行政区分図を転載した。

別図-10 カカメガ県の保健医療施設と分布図

地区 (Division)	病院 (HOSP)	ヘルシー- (HCs)	ディスペンサリ- (DSP)	その他 (Clinics/N. Homs)	小計
IKOLOMANI	-	6	1	(5)	12
KHWISERO	-	2	-	(9)	12
BUTERE	-	2	1	(12)	14
MUMIAS	-	5	5	(21)	31
LURAMBI/ NAVAKHOLO	-	4	3	(11)	18
KABRAS	-	1	2	(11)	14
LUGARI/MATETE MUNICIPALITY	-	4	8	(17)	29
SHINYALU	1	-	2	(17)	20
小計	1	26	26	(111)	164

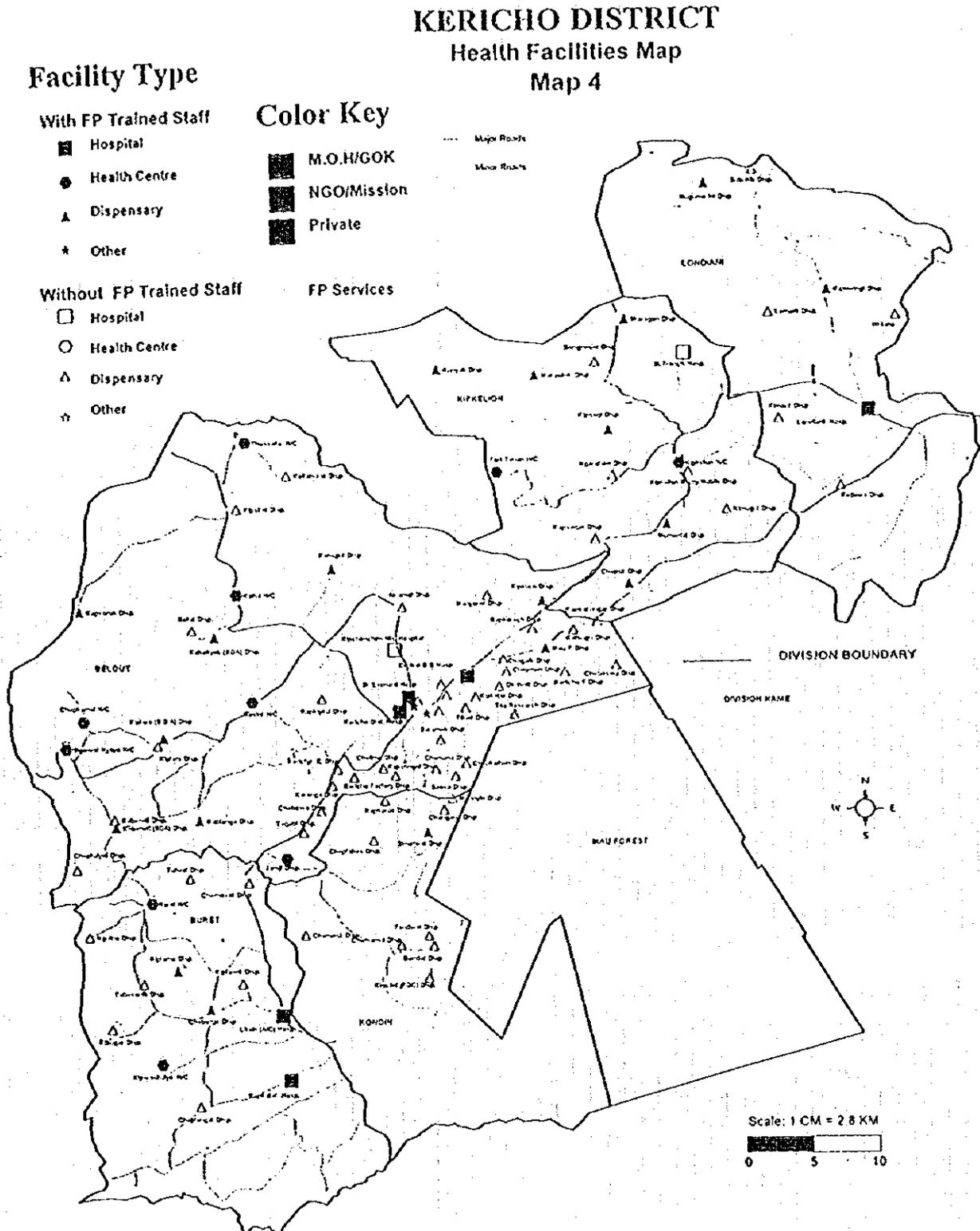
出所: Kakamega District Development Plan 1994-1996

KAKAMEGA DISTRICT  
HEALTH FACILITIES



注) 対象地域ではないが、フィンランド政府援助により保健施設が多いため転載した。

別図-11 家族計画調査によるケリチョー県の保健施設分布図



出所: Health and Family Planning in Kisii District DSA (1996)より転載 (収集資料-45)。

