

ANNUAL  
REPORTS  
BY THE  
DIRECTOR OF  
MEDICAL  
AND HEALTH  
SERVICES

1977-78  
TO  
1979-80

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# DIRECTOR OF MEDICAL AND HEALTH SERVICES



## 1979-1980 DEPARTMENTAL REPORT

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**HONG KONG**  
**ANNUAL DEPARTMENTAL REPORT**  
**BY THE**  
**DIRECTOR OF**  
**MEDICAL AND HEALTH SERVICES**  
**K. L. THONG, C.B.E., J.P.,**  
**M.B., B.S. (H.K.), F.F.C.M. (U.K.),**  
**D.P.H. (Malaya)**  
**FOR THE**  
**FINANCIAL YEAR 1979-80\***

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\* 1st April 1979 — 31st March 1980

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 BY THE  
 DIRECTOR OF  
 MEDICAL AND HEALTH SERVICES  
 K. L. THONG, C.B.E., J.P.  
 M.B., B.S. (H.K.), F.F.C.M. (U.K.)  
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## I. ADMINISTRATION

(Tables 1 - 6)

The Medical and Health Department is responsible for providing a whole range of medical and health care for the community of Hong Kong. A total of 17,361 staff, including 1,097 medical staff and 6,442 nursing staff was employed in 1979 to provide a good quality service.

The Department's expenditure for the financial year was \$1,039 million which represented 7.5% of the total public expenditure of Hong Kong.

Six statutory councils and boards are set up to deal with the registration of doctors, dentists, nurses and midwives and matters relating to pharmacy and poisons and radiation.

Medical and health services were regionalised in April 1977. The main objective is to put to the most effective use the facilities and resources available in each region and to provide a high standard of service.

## II. VITAL STATISTICS

(Tables 7 - 20)

### General

The estimated mid-year population of Hong Kong in 1979 was 4.90 million, an increase of 6.3% compared with the previous year. About 27% were under 15, and 6.0% were aged 65 years and over. Despite a gradually aging population, the general state of health remained favourable and reflected the rapid development of medical and health services.

### Birth Rate

The crude birth rate was 16.8 per thousand population, as compared with 17.2 in 1978.

### Infant Mortality Rate

The infant mortality rate was 13.3 per thousand live births compared with 11.8 in 1978. The rate was however inflated by the relatively larger number of infant deaths occurred to the Vietnamese refugees. Excluding infant deaths and births of Vietnamese refugees, the infant mortality rate came down to 12.6. The rate is lower than many European and American countries. This is partly attributable to the development of maternal and child health services and partly to improvements in social and environmental conditions. The major causes of infant deaths were hypoxia, birth asphyxia and other respiratory conditions, congenital anomalies, pneumonia and immaturity.

Figure 1 shows the infant and neo-natal mortality rates for the past 19 years.

/Maternal ....

Maternal

Maternal mortality rate was 0.08 per thousand total births in 1979 as compared with 0.06 in 1978. The main causes of maternal mortality were ectopic pregnancy, major puerperal infection and haemorrhages.

General Mortality

The crude death rate was 5.34 per thousand population. Figure 2 shows the age and sex specific death rates in 1979.

Malignant neoplasms, heart diseases, cerebrovascular diseases and pneumonia were the four leading causes of death. Common malignancies were cancers of the lung, liver, nasopharynx, stomach and oesophagus.

III. COMMUNICABLE DISEASES

(Tables 21 - 25)

The total number of notifications of communicable diseases during 1979 was 12,997. Tuberculosis comprised 60.8% of the total.

The incidence of major infectious diseases in the past 16 years is shown in Figure 3.

Enteric Fever

The number of cases reported decreased from 369 in 1978 to 357 in 1979. 38% of the cases occurred in young adults aged 15 - 24 years. A total of 9 typhoid carriers were detected on investigation.

Bacillary Dysentery

The number of cases increased slightly from 406 in 1978 to 429 in 1979. 26% of the cases occurred in children under five as compared to 34% in 1978. A total of 68 carriers were detected on investigation.

Measles

A total of 1,929 notifications with 32 deaths were reported. Measles was at one time very prevalent among children under five. Since the introduction of anti-measles vaccination in 1967 the incidence has been reduced drastically and the biennial cycle of infection has been broken. The monthly notifications in the past 19 years are shown in Figure 4.

Cholera

Four cases of cholera were detected in the summer of 1979. The causative agent identified was Vibrio Cholerae, biotype EI Tor, serotype Inaba. Prompt action was undertaken to prevent further spread of the disease. There was an outbreak of gastroenteritis among the infants in Tsan Yuk Hospital. Escherichia coli serotype 086 was detected in 32 diarrheal cases and also in 56 (29.3%) of 191 contact cases.

/Viral ....

Viral Hepatitis

A total of 964 cases with 44 deaths were notified. 31.7% of the cases were in the age group 15 - 24 years and the male to female ratio was about 2 to 1.

Food Poisoning

A total of 146 outbreaks were reported with 587 persons affected. There were no major outbreaks.

Malaria

Practically all 40 cases were imported.

Influenza and other respiratory viruses

Influenza A/Texas/1/77 (H3N2) and B/Hong Kong/5/72 viruses caused an outbreak concurrently in the period from April to August 1979. The influenza A (H1N1) virus was not detected.

Adenovirus type 7 was prevalent in August and September causing pneumonia in young children. Mycoplasma pneumoniae was commonly associated with pneumonia in the first half of the year.

Rubella

Rubella occurred sporadically, but no outbreak was observed. A study of 604 women showed a significant proportion (31%) of them were non-immune.

IV. HEALTH SERVICES

(Tables 26 - 40)

Tuberculosis and Chest Service

The tuberculosis death rate slightly rose from 9.1 per 100,000 population in 1978 to 10.7 in 1979. The notification rate also rose from 143.8 in 1978 to 161.4 per 100,000 population in 1979. Figures 5 and 6 show the mortality and notification rates by age and sex in 1969 and 1979. 2.8% of the cases notified in 1979 were under the age of 15.

Attendances at government chest clinics remained at a high level of 1.02 million, though showed a slight decline of 8% comparing with that of 1978.

During the year, 98.32% of the newborns were given BCG. This is probably the highest coverage rate in the world. BCG vaccination was introduced in 1952 and infant mortality from tuberculosis consequently declined as shown in Figure 7.

/Social ....

Social Hygiene Service

The number of venereal diseases treated was 5,388 as compared with 4,601 in the previous year, showing an increase of 17.1%. Approximately 3.93% of the cases came from the teenage group. The common sexually transmitted diseases were gonorrhoea (51.2%), a syphilis (21.0%), non-gonococcal urethritis (18%), while the incidences of other sexually transmitted diseases e.g. chancroid and lymphogranuloma venereum remained low.

0.53% of the expectant mothers showed an initially positive serology but only 134 cases were found to be suffering from syphilis.

Figures 8 and 9 show the incidence of syphilis and gonorrhoea from 1965 to 1979.

New cases of leprosy totalled 70, representing a rate of 1.4 cases per 100,000 population.

The nursing staff trace contacts and follow-up defaulters and those who are frequently exposed. Health education in social hygiene is also emphasised.

The Special Skin Clinic which originally operated at Tang Chi Ngong Specialist Clinic, was moved to Tang Shiu Kin Hospital on 3rd April 1979.

Family Health Service

The Family Health Service provides a comprehensive health care programme for women of child-bearing age and children from birth to five years old. There are a total of 38 maternal and child health centres, 23 of which are full-time and the rest are part-time operating on a sessional basis. Family planning service is available in 41 centres, 6 of which are full-time while the rest are operated by mobile teams several times a week. Ante-natal and post-natal health sessions were held for mothers.

In 1979, 91% of the newborns were brought to a centre for attention and advice on at least one occasion. Approximately 1% of new attendances were found to be suffering from different types of abnormalities, such as congenital defects or effects of prematurity. A Comprehensive Observation Scheme to screen, detect and assess early developmental anomalies to eliminate or minimise resultant disabilities began in April 1978 and in 1979, 72,852 children in the 0 - 5 age group have been screened.

The total attendance was 1.6 million, similar to that of 1978.

Industrial Health Service

The Service advises on matters affecting the health and safety of workers. In 1979, there were 426 cases of decompression sickness, 3 cases of contact dermatitis and 2 cases of lead poisoning notified. Among the non-notifiable occupational diseases, 227 cases of silicosis, 4 cases of gas poisoning and 1 case of arc eye were recorded.

/1,050 field ....

1,050 field surveys were conducted, representing a marked increase of 91% as compared with that of 1978. The surveys were conducted to evaluate working environments including thermal comfort, ventilation, noises and lighting. Based on the findings, recommendations were made on measures to reduce industrial hazards and the promotion of industrial hygiene. A total of 6,740 laboratory analyses were conducted, including chemical analysis and urinalysis of government employees exposed to particular hazards.

There were 95,932 occupational injuries. In addition, 301 occupational deaths were recorded. These indicated an increase of 7.6% and 8.3% over those of 1978 respectively. Industrial health officers participated in medical boards to assess the disability of 24,293 injured workers in relation to the Workmen's Compensation Ordinance. This also represented an increase of 9.1% over that of 1978.

Port Health

The Port Health Service enforces health control at ports of entry by sea, land or air so as to prevent the introduction of quarantinable diseases and undertakes other measures as required in the International Health Regulations. It also supervises the general sanitation of all ports, maintenance of vaccination centres, maintenance of a medical clinic at the Airport and compilation and dissemination of epidemiological information by regular communication with the World Health Organisation.

The continued influx of Vietnamese refugees exerted a heavy strain on the service but there has not been any major outbreak of communicable diseases at the refugee camps.

In 1979, 4,238 ships arriving in Hong Kong were cleared. The number of vaccinations given at port health inoculation centres totalled 63,663.

Health Education

A Central Health Education Unit was established in April 1978, and the service continued through the year 1979. The unit provides professional advice on health education, and serves as a resource unit providing technical aids and information. It plans, co-ordinates and develops activities within the department and with other organisations.

The Health Education Co-ordinating Committee advises on programmes of activities and decides on priorities. The committee also provides general guidance to the Central Health Education Unit on the development and implementation of health education programmes.

The unit carried out a number of health education programmes in 1979, including subjects on personal health, communicable diseases control, health of the elderly, hypertension and eye-care.

/V. ....

V. HOSPITAL SERVICES

(Tables 41 - 53)

At the end of 1979, a total of 20,606 hospital beds were available in Hong Kong, excluding those maintained by the armed forces. These were made up as follows : 9,445 government, 8,630 government-assisted and 2,531 private, giving a ratio of 4.2 beds per 1,000 population. Development over the past years is shown in Figure 10.

Regionalisation of the Medical and Health Services aims to ensure a more even use of government and government-assisted medical facilities and to provide patients with treatment most appropriate to their clinical conditions. The demand for services at the regional hospitals (Queen Mary Hospital, Queen Elizabeth Hospital, Kwong Wah Hospital and Princess Margaret Hospital) remains high. Improvement in the utilization of hospital beds was evident in the bed occupancy rates of district hospitals which have been brought to a very high level of over 80%.

Casualty attendances at government hospitals totalled 578,877, an increase of 5.6% compared with the previous year; the number of in-patients treated was 330,026, an increase of 10%.

VI. CLINIC SERVICES

(Tables 54 - 63)

General and Specialist Out-patient

Pressure remained heavy throughout the year on all general out-patient clinics and also on specialist clinics. The general out-patient attendance was 4.46 million, a slight increase compared with 4.27 million attendance in 1978 while specialist attendance was 8.19 million, an increase of 4.5%. Figure 11 shows the demand for services over the past decade. Clinic sessions in evenings and on Sundays and public holidays are provided whenever required.

Psychiatry

3,973 new attendances were recorded at government psychiatric clinics. This represented an increase of 8% over 1978. There were a total of 162,176 out-patient attendances in 1979, representing a 13% increase over that in 1978.

In 1979, 746 patients were treated at 5 psychiatric day centres supplementing in-patient services at the hospitals.

/Ophthalmology ...

Ophthalmology

The service has 2 main out-patient centres and some mobile ophthalmic teams which visit regional and district hospitals as well as clinics held on sessional basis. Total attendance in 1979 was 196,934, a decrease of 14% over 1978. This was the result of a change in policy of the booking system whereby a doctor's referral is needed. Consequently simpler ophthalmic cases are dealt with by general out-patient departments. 13 corneal transplants were done during the year. The number of persons first registered as blind was 584, compared with 698 in 1978.

Ear, Nose and Throat

The ENT Service comprises of the Hong Kong and Outlying Islands Division based at Queen Mary Hospital, and the Kowloon and New Territories Division based at Queen Elizabeth Hospital, Kwong Wah Hospital and Princess Margaret Hospital. There are 11 clinics in urban and rural areas providing out-patient service on sessional basis. The total out-patient attendance in 1979 was 65,352, an increase of 7.9% over that in 1978. Minor surgeries were performed on a sessional basis in out-patient clinics.

Child Assessment

The Arran Street Child Assessment and Hearing Aid Clinic came into being in October 1977. It provides comprehensive assessment of handicapped children under the age of 12. Six more child assessment centres have been planned for construction over the next 10 years.

District Midwifery

The percentage of births at maternity homes to the total birth remained at a level of 10.8% in 1979 for government maternity homes and dropped from 3.3% to 2.8% for private maternity homes. This is attributable to a growing affinity of expectant mothers for hospital-based deliveries.

School Medical Service

On 31st March 1980 the number of pupils participating totalled 170,574 from 763 schools, compared with 132,022 from 768 schools on 31st March 1979. Medical practitioners taking part in the scheme numbered 204 compared with 211.

Registration of Clinics

There were 81 registered static clinics, one registered mobile clinic in the charge of registered medical practitioners, and 300 clinics registered with exemption making a total of 382 on 31st March 1980.

/VII. ...

VII. SPECIAL SERVICES

(Tables 64 - 69)

Pathology

The Institute of Pathology runs clinical pathology and public health laboratory services for the government and a consultant service for the government-assisted sector. It also administrates mortuaries and blood banks. A total of 5.71 million examinations was undertaken by the Institute. This represented an increase of 25% over the previous year; this excludes tests done for Queen Mary Hospital which is served by the Department of Pathology of the Hong Kong University.

50,656 pints of blood were received of which 50,473 were collected by the Red Cross. 7.2% of the donated blood were found to be positive for Hepatitis B Surface Antigen as compared with 8% of the previous year.

The institute also issued vaccine to various hospitals and clinics including private practitioners. A total of 536,587 ml. of vaccine was issued in 1979.

Radiology and Oncology

The Institute of Radiology and Oncology comprises three main divisions - radiodiagnostic, radiotherapy and radiation physics.

The Radiodiagnostic Division provides x-ray diagnostic service. The division operates in hospitals, polyclinics, clinics and mobile radiography units. 853,892 examinations were performed which is an increase of 3.5% over last year.

The Radiotherapy Division is the largest radiotherapy centre in Hong Kong. It is based in both Queen Elizabeth Hospital and Queen Mary Hospital and treats about 90% of patients requiring the service. It also offers a chemotherapy service and operates a Cancer Registry covering the whole of Hong Kong. The number of patients with malignant diseases treated was 4,513, an increase of 10% compared with 1978.

The Radiation Physics Division is responsible for the operation of the Radioisotope Laboratories, the Mould Laboratories, the Radiological Workshop, the Photographic Section and the Radiation Health Unit. It runs a film-badge radiation monitoring and protection service for radiation workers and also acts in an advisory capacity within the Radiation Board on radiation hazards and protection.

Anaesthesia

The anaesthetic service manned 240 operating sessions a week and 8 emergency operating theatres on a 24-hour basis. 59,688 operations were performed under anaesthesia in 1979, an increase of 2.5% compared with 1978. The staff in the Anaesthesia Unit of Princess Margaret Hospital continued to provide anaesthesia service to other hospital and clinical units in the New Territories.

/Forensic ...

Forensic Pathology

The Forensic Pathology Service advises and works in close association with the Royal Hong Kong Police Force on the medical aspects of criminology and other medico-legal work. The work of the service includes all homicides, suspected homicides, deaths while in custody, traffic 'hit and run', and other Coroner's cases. The professional staff dealt with a total of 747 autopsies, 932 clinical examinations and blood groupings and 1,932 laboratory examinations in 1979.

VIII. OTHER SERVICES

(Tables 70 - 75)

Nursing

The total establishment of the nursing and allied grades is 6,442, a slight increase of 3% over last year's establishment. This includes 300 nursing posts for Shatin Hospital.

There are five grades in the medical division; Registered Nurse (General), Registered Nurse (Psy.), Enrolled Nurse (General), Enrolled Nurse (Psy.) and Midwife, whilst in the health division there are three grades; Health Visitor, Enrolled Nurse (Health) & Inoculator. Seven of these grades have their local training in the Government Hospitals' School of Nursing. Hong Kong residents who have received relevant training in the United Kingdom are also recruited through the Hong Kong Government Office in London.

The nursing service benefitted by the return of nursing personnel who had successfully completed overseas training courses in nursing administration, nursing education, dietetics, urology, paediatric and geriatric nursing in the past year.

Pharmaceutical Service

The Pharmaceutical Service is responsible for providing hospitals, clinics and health centres with drugs, dressings, surgical instruments and hospital sundries. Items are also supplied to government-assisted institutions on request. It has a staff of 291 of all grades (including pharmacists and dispensers).

The Chief Pharmacist supervises the enforcement of ordinances pertaining to dangerous drugs, poisons and antibiotics.

During the year, 3,565 premises were inspected and 82 prosecutions were initiated. Of the 94 candidates who sat for the examinations for the registration of pharmacists, 25 passed.

/Medical ...

Medical Social Service

The rapid expansion of the medical and health services and the increasing emphasis on rehabilitation continued to make heavy demands on the medical social service. There are six divisions : Hong Kong, Kowloon, New Territories, mental health, chest and special skin, narcotics and drug administration. The number of cases handled was 71,309. Services rendered included financial assistance, compassionate rehousing, counselling, placement in institutions and job-placement. Contemporary social work skills and techniques, such as group work, out-reaching, conjoint treatment therapies, are getting more emphasis.

Physiotherapy

Physiotherapy service is available in 15 hospitals and clinics. In 1979, 134,869 patients received 1,202,214 treatments, an increase of 11.7% in terms of patients and 0.3% in terms of treatments. In 1979, the first group of Hong Kong Polytechnic students commenced their clinical training in the government physiotherapy units.

Occupational Therapy

There were altogether 14 units in the service which has a staff of 116. In 1979, 13,679 patients were given a total of 721,780 treatments, representing increases of 10% in terms of patients and 6.2% in terms of treatments in comparison with 1978.

Prosthetic-Orthotics

Increases in the number of industrial and traffic accidents have added to the rising demand on the Prosthetic-Orthotic Service. In 1979, 7,925 patients were treated with a total attendance of 17,368.

Narcotics and Drugs

The department provides treatment for narcotic drug abusers either by methadone maintenance or detoxification.

The two methadone programmes of detoxification and maintenance were amalgamated in August 1979. All the 20 Treatment Centres were renamed as Methadone Clinics. There has also been an extension of working hours. The daily average of attendance since amalgamation was 7,580.

/IX. ...

IX. TRAINING PROGRAMMES

(Tables 76 - 78)

Medical Staff

Higher professional examinations were held in Hong Kong in 1979 by the Royal College of Physicians, the Royal College of Obstetricians and Gynaecologists, the Royal Australasian College of Surgeons and the Royal Australasian College of Radiologists.

Besides full-pay study leave, 4 government doctors were enabled by various financial schemes to acquire higher qualifications in their respective fields overseas during the year 1979.

Dental Staff

As training in dentistry will be available locally with the Dental School at Hong Kong University commencing its first intake of students in 1980, the overseas dental training scholarship scheme has been phased out.

Nursing Staff

(1) Basic Training

661 general and 176 psychiatric student nurses are undergoing the 3-year training course leading to registration with the Nursing Board of Hong Kong. 204 general and 85 psychiatric pupil nurses are undergoing the 2-year training course leading to enrollment with the Nursing Board of Hong Kong.

(2) Post Basic Training

a) Midwifery Course

103 registered nurses are undergoing 1-year post basic training in midwifery leading to registration with the Midwives Board of Hong Kong.

b) Health Nursing Course

19 registered nurses participated in a 9-month course and 20 enrolled nurses underwent a 6-month course in health nursing.

c) Community Nursing Course

17 registered nurses are participating in a 4-month course and 17 enrolled nurses have completed their training course in community nursing.

/d) ...

d) Refresher Courses

Refresher courses given in specialty subjects were midwifery, neonatology and gynaecology.

Para-medical Staff

There were 50 student dispensers, 19 student dental technicians, 17 student medical laboratory technicians, 16 student physiotherapists, 5 student prosthetists and 19 student radiographers undergoing training in the respective fields. During the year, 9 student dispensers, 19 student medical laboratory technicians, 12 student physiotherapists and 16 student radiographers graduated.

Progress on Localisation

The Medical and Health Department puts due emphasis on localisation. Overseas recruitment is resorted to only if local expertise is not available. With the establishment of the Institute of Medical and Health Care at the Polytechnic and the Dental Therapist Training School at the MacLehose Dental Centre, the local supply of para-medical and para-dental staff will be greatly enhanced. The Dental School at the University of Hong Kong will ensure a continuous supply of local dentists from 1985 onwards.

X. MEDICAL DEVELOPMENT

(Table 79)

A White Paper titled "The Further Development of Medical and Health Services in Hong Kong" published in 1974 provides a blue print for the future development of the services in the next 10 years. Development is reviewed annually. A 10-year Medical Development Programme containing proposals for the further development of the services was published in 1979.

During the year, the 5-storey extension to Fanling Hospital was completed, providing a casualty unit, an x-ray unit, a family health service centre and staff quarters. Phase II of the extension will be completed by the end of 1980.

A 20-storey block to provide additional staff quarters for Queen Mary Hospital was completed in March 1980. And the Sai Kung Dispensary out-patient department was temporarily reprovisioned in Sai Kung Town in 1979.

There has been steady progress for projects already in the Public Works Programme. The South Kwai Chung Hospital with 1,336 psychiatric beds will be completed in 1980. Construction work for the 1,400-bed Shatin Hospital and Polyclinic is progressing. The Shatin Hospital will provide

/teaching ...

teaching facilities for the Second Medical School to be established at the Chinese University. The Dental Teaching Hospital will be completed in 1981.

The Tuen Mun Hospital and the East Kowloon Hospital have been included in the Public Works Programme, and are planned to serve West New Territories and East Kowloon respectively. Together with other newly recommended projects, there will be 41 major building projects in the 10-year Medical Development Plan.

XI. ACKNOWLEDGEMENT

I wish to pay tribute to all the staff who contributed to the efficient and effective functioning of the Department in the year under review. Though there had been pressure and difficulties, all performed their duties with devotion and dedication. I am most grateful to their unflinching support.

The Department acknowledge with thanks the assistance and cooperation given by other government departments, voluntary agencies, the press, the radio and television networks.

Many public spirited persons have devoted their time and energy to serve on statutory boards, advisory committees, working parties, and in voluntary agencies dealing with the many aspects of medical and health services in Hong Kong. Their contributions are much appreciated.

Finally, I would like to record my appreciation for the contributions of private individuals as well as local and overseas organisations who have assisted the Department in providing facilities for those in need of medical care. It is hoped that they will continue to contribute to the Medical Development Programme in the challenging years ahead. With such sound support I am confident that the Department will continue to provide a good service.

K.L. THONG  
Director of Medical & Health Services



## A

HONG KONG ISLAND  
GOVERNMENT HOSPITALS

- |   |    |
|---|----|
| a. Queen Mary Hospital (a regional hospital for Hong Kong Island)                               | A1 |
| b. Tang Shiu Kin Hospital (a general hospital with casualty department, out-patient facilities) | A1 |
| c. Tsan Yuk Hospital (a maternity hospital)   | A1 |

GOVERNMENT-ASSISTED HOSPITALS

- |   |    |
|---|----|
| d. Alice Ho Miu Ling Nethersole Hospital (a general hospital with general out-patient facilities) | A1 |
| e. Cheshire Home (a convalescent home)  | B2 |
| f. Duchess of Kent Children's Orthopaedic Hospital and Convalescent Home                          | A1 |
| g. Freni Memorial Convalescent Home   | A1 |
| h. Grantham Hospital (a tuberculosis and cardiothoracic surgery hospital)                         | A2 |
| i. Nam Long Hospital (a cancer hospital)  | A2 |
| j. Ruttonjee Sanatorium (a tuberculosis hospital)   | A1 |
| k. Sandy Bay Convalescent Hospital  | A1 |
| l. Tung Wah Hospital (a general hospital with general out-patient facilities)                     | A1 |
| m. Tung Wah Eastern Hospital (a general hospital with general out-patient facilities)             | B1 |

PRIVATE HOSPITALS

- |   |    |
|---|----|
| n. Canossa Hospital (a general hospital)                  | A1 |
| o. Hong Kong Adventist Hospital (a general hospital)      | A1 |
| p. Hong Kong Central Hospital (a general hospital)        | A1 |
| q. Hong Kong Sanatorium and Hospital (a general hospital) | A1 |
| r. Matilda and War Memorial Hospital (a general hospital) | A1 |
| s. St. Paul's Hospital (a general hospital)               | B1 |

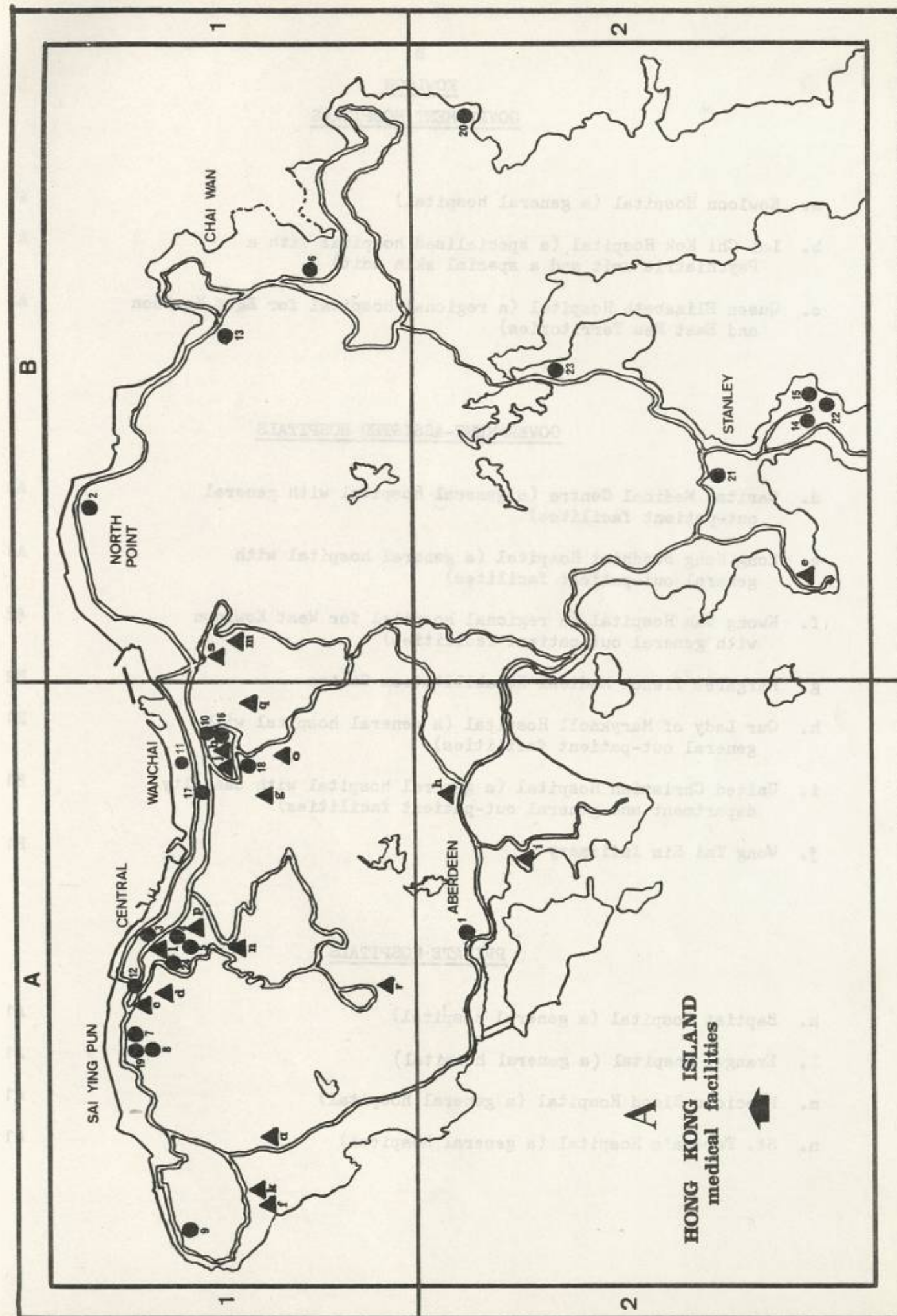
OTHER GOVERNMENT INSTITUTIONS

- |  |    |
|--|----|
| 1. Aberdeen Jockey Club Clinic (general out-patient facilities, dental clinic, family health centre, eye clinic, chest clinic, social hygiene clinic and methadone clinic)   | A2 |
| 2. Anne Black Health Centre (general out-patient facilities, family health centre, dental clinic, X-ray survey centre, eye clinic and dermatological clinic)   | B1 |
| 3. Central District Health Centre (general out-patient facilities, family health centre, eye clinic and dermatological clinic)   | A1 |
| 4. Central Government Offices Dental Clinic  | A1 |
| 5. Central Police Station Medical Post (general out-patient facilities and dental clinic)  | A1 |
| 6. Chai Wan Health Centre (general out-patient facilities, family health centre, psychiatric clinic and methadone clinic)  | B1 |
| 7. David Trench Rehabilitation Centre (embracing Tang Shiu Kin Physiotherapy Unit, Hong Kong Psychiatric Centre and family health centre)  | A1 |
| 8. Eastern Street Methadone Clinic   | A1 |
| 9. Kennedy Town Jockey Club Clinic (general out-patient facilities, family health centre and dental clinic)  | A1 |
| 10. MacLehose Dental Centre  | A1 |
| 11. Port Health Inoculation Centre, Centre Point, Wanchai  | A1 |
| 12. Sai Ying Pun Jockey Club Polyclinic (general out-patient facilities, chest clinic, dental clinic, eye clinic, E.N.T. clinic, dermatological clinic, social hygiene clinic and specialist clinic for Queen Mary Hospital) | A1 |
| 13. Shau Kei Wan Jockey Club Clinic (general out-patient facilities, family health centre, maternity home, chest clinic, dental clinic, eye clinic, E.N.T. clinic and dermatological clinic)                                 | B1 |
| 14. Stanley Dental Clinic  | B2 |
| 15. Stanley Dispensary (general out-patient facilities and family health centre)   | B2 |

- |  |    |
|--|----|
| 16. Tang Chi Ngong Specialist Clinic (eye clinic, E.N.T. clinic, dermatological clinic, special skin clinic, general out-patient facilities for English-speaking Government Servants and their families and specialist clinic for Queen Mary Hospital) | A1 |
| 17. Violet Peel Polyclinic (general out-patient facilities and methadone clinic)   | A1 |
| 18. Wan Chai Clinic (dental clinic, chest clinic and physiotherapy department)   | A1 |
| 19. Western Dental Clinic  | A1 |

PRISON HOSPITALS/TREATMENT CENTRES

- |                                    |    |
|------------------------------------|----|
| 20. Cape Collinson Training Centre | B2 |
| 21. Ma Hang Prison                 | B2 |
| 22. Stanley Prison                 | B2 |
| 23. Tai Tam Gap Prison             | B2 |
| 24. Victoria Prison                | A1 |



B  
KOWLOON  
GOVERNMENT HOSPITALS

- |  |    |
|--|----|
| a. Kowloon Hospital (a general hospital)   | A1 |
| b. Lai Chi Kok Hospital (a specialised hospital with a Psychiatric unit and a special skin unit) | A1 |
| c. Queen Elizabeth Hospital (a regional hospital for East Kowloon and East New Territories)      | A2 |

GOVERNMENT-ASSISTED HOSPITALS

- |   |    |
|---|----|
| d. Caritas Medical Centre (a general hospital with general out-patient facilities)                            | A1 |
| e. Hong Kong Buddhist Hospital (a general hospital with general out-patient facilities)                       | A1 |
| f. Kwong Wah Hospital (a regional hospital for West Kowloon with general out-patient facilities)              | A2 |
| g. Margaret Trench Medical Rehabilitation Centre  | B2 |
| h. Our Lady of Maryknoll Hospital (a general hospital with general out-patient facilities)                    | B1 |
| i. United Christian Hospital (a general hospital with casualty department and general out-patient facilities) | B1 |
| j. Wong Tai Sin Infirmary   | B1 |

PRIVATE HOSPITALS

- |   |    |
|---|----|
| k. Baptist Hospital (a general hospital)        | A1 |
| l. Evangel Hospital (a general hospital)        | A1 |
| m. Precious Blood Hospital (a general hospital) | A1 |
| n. St. Teresa's Hospital (a general hospital)   | A1 |

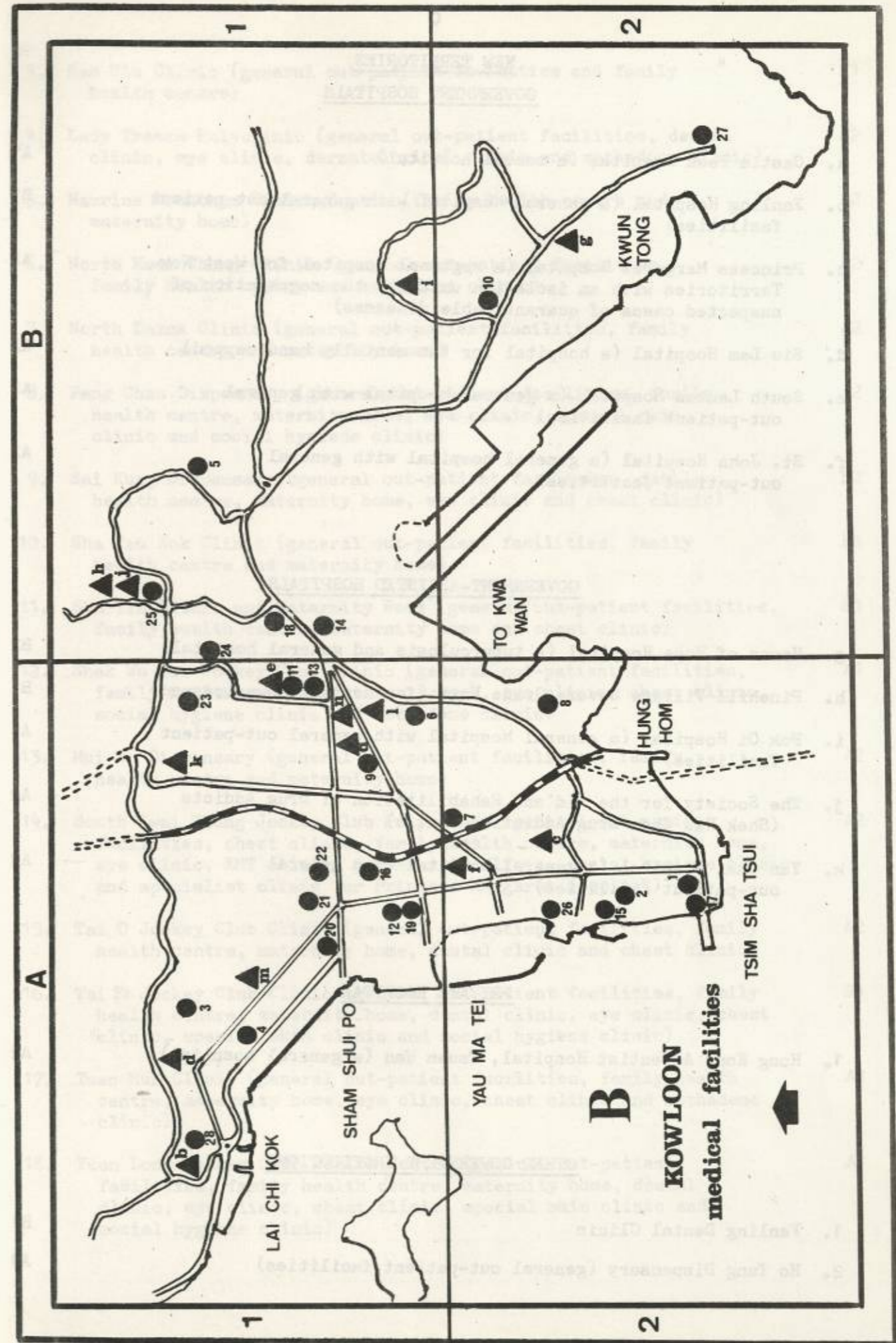
OTHER GOVERNMENT INSTITUTIONS

- |  |    |
|--|----|
| 1. Ashley Road Social Hygiene Clinic (male treatment centre for venereal disease)  | A2 |
| 2. Canton Road Police Quarters Dental Clinic   | A2 |
| 3. Cheung Sha Wan Jockey Club Clinic (general out-patient facilities, family health centre, maternity home and methadone clinic)                               | A1 |
| 4. Cheung Sha Wan Police Quarters Clinic (general out-patient facilities and dental clinic)  | A1 |
| 5. East Kowloon Polyclinic (general out-patient facilities, chest clinic and family health centre)   | B1 |
| 6. Farm Road Dental Clinic   | A1 |
| 7. Ho Man Tin Methadone Clinic   | A2 |
| 8. Hung Hom Clinic (general out-patient facilities and family health centre)   | A2 |
| 9. Kowloon Out-patient Department (general out-patient facilities, chest clinic and special skin clinic)   | A1 |
| 10. Kwun Tong Jockey Club Health Centre (general out-patient facilities, family health centre, maternity home, dental clinic, eye clinic and methadone clinic) | B2 |
| 11. Li Kee Memorial Dispensary (general out-patient facilities, dental clinic and methadone clinic)  | A1 |
| 12. Li Po Chun Health Centre (general out-patient facilities, family health centre, maternity home and methadone clinic)                                       | A1 |
| 13. Lions Club Maternal and Child Health Centre (family health centre and maternity home)  | A1 |
| 14. Medical Clinic, Kai Tak Airport  | B1 |
| 15. Medical Examination Board  | A2 |
| 16. Mong Kok Dental Clinic   | A1 |
| 17. Port Health Inoculation Centre, Star House, Tsim Sha Tsui  | A2 |
| 18. Robert Black Health Centre (general out-patient facilities, family health centre, ENT clinic and methadone clinic)   | B1 |
| 19. Rotary Club of Kowloon Child Assessment Clinic (Arran Street)  | A1 |
| 20. Sham Shui Po Public Dispensary (general out-patient facilities and methadone clinic)   | A1 |

- |  |    |
|--|----|
| 21. Shek Kip Mei Health Centre (general out-patient facilities, dermatological clinic, chest clinic, family health centre and methadone clinic)  | A1 |
| 22. Tai Hang Tung Clinic (general out-patient facilities)  | A1 |
| 23. Wang Tau Hom Jockey Club Clinic (general out-patient facilities, family health centre, maternity home, eye clinic and methadone clinic)  | A1 |
| 24. Wong Tai Sin Police Quarters Clinic (general out-patient facilities and dental clinic)   | B1 |
| 25. Wu York Yu Clinic (general out-patient facilities, family health centre, maternity home and methadone clinic)  | B1 |
| 26. Yau Ma Tei Jockey Club Clinic (general out-patient facilities, social hygiene clinic, dermatological clinic, dental clinic, eye clinic, ENT clinic, chest clinic, family health centre, psychiatric clinic and methadone clinic) | A2 |
| 27. Yau Tong Maternal and Child Health Centre (family health centre)   | B2 |

PRISON HOSPITAL/TREATMENT CENTRE

- |                                  |    |
|----------------------------------|----|
| 28. Lai Chi Kok Reception Centre | A1 |
|----------------------------------|----|



NEW TERRITORIES  
GOVERNMENT HOSPITALS

- |  |    |
|--|----|
| a. Castle Peak Hospital (a mental hospital)  | A1 |
| b. Fanling Hospital (a general hospital with general out-patient facilities)   | B1 |
| c. Princess Margaret Hospital (a regional hospital for West New Territories with an isolation unit for the segregation of suspected cases of quarantinable diseases) | A2 |
| d. Siu Lam Hospital (a hospital for the mentally handicapped)  | A2 |
| e. South Lantau Hospital (a general hospital with general out-patient facilities)  | A2 |
| f. St. John Hospital (a general hospital with general out-patient facilities)  | A2 |

GOVERNMENT-ASSISTED HOSPITALS

- |   |    |
|---|----|
| g. Haven of Hope Hospital (a tuberculosis and general hospital)                                     | B2 |
| h. Pinehill Village Severe Grade Unit (for mentally handicapped)                                    | B1 |
| i. Pok Oi Hospital (a general hospital with general out-patient facilities)                         | A1 |
| j. The Society for the Aid and Rehabilitation of Drug Addicts (Shek Kwu Chau Drug Addiction Centre) | A2 |
| k. Yan Chai Hospital (a general hospital with general out-patient facilities)                       | A2 |

PRIVATE HOSPITAL

- |   |    |
|---|----|
| 1. Hong Kong Adventist Hospital, Tsuen Wan (a general hospital) | A2 |
|---|----|

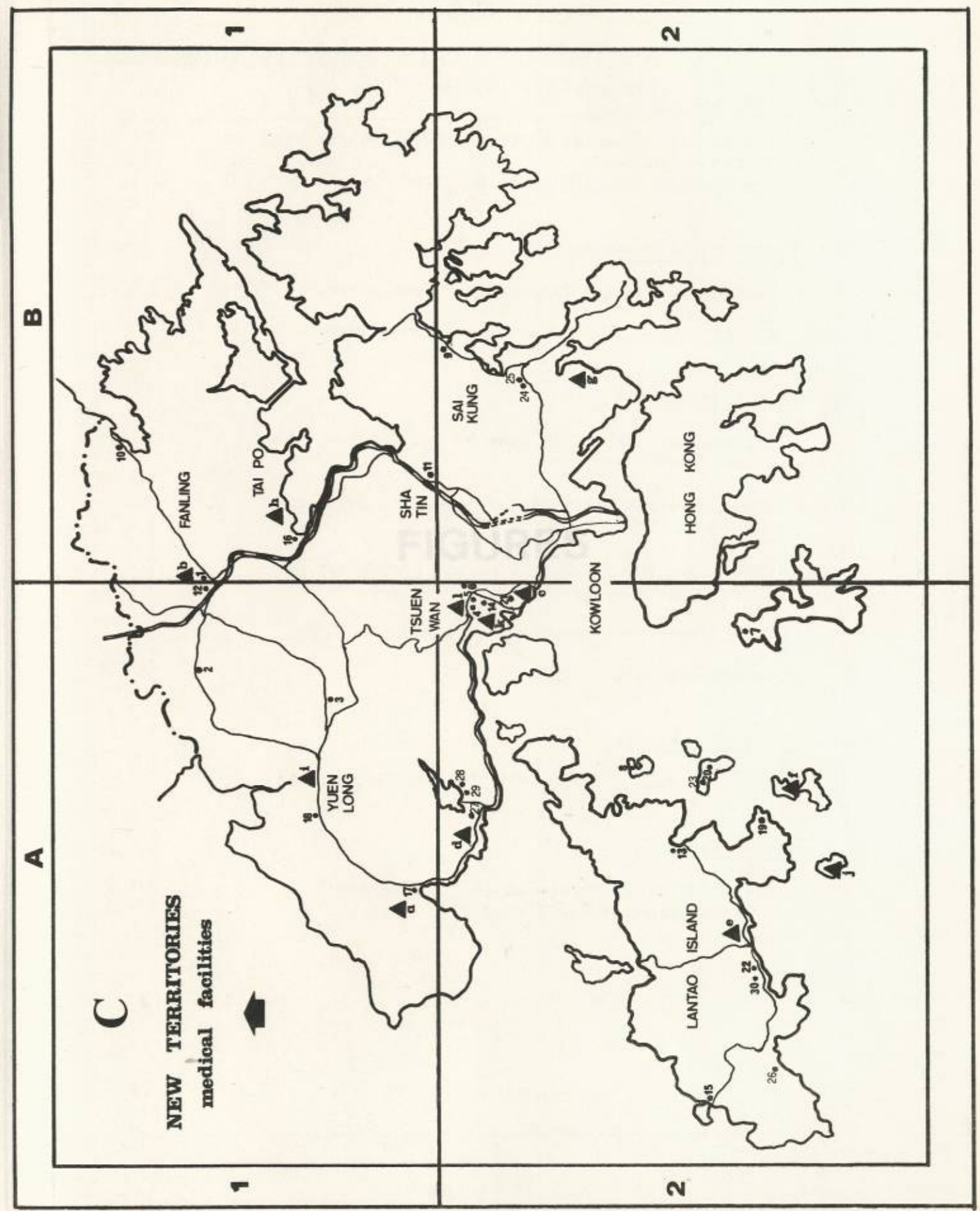
OTHER GOVERNMENT INSTITUTIONS

- |  |    |
|--|----|
| 1. Fanling Dental Clinic                               | B1 |
| 2. Ho Tung Dispensary (general out-patient facilities) | A1 |

- |  |    |
|--|----|
| 3. Kam Tin Clinic (general out-patient facilities and family health centre)  | A1 |
| 4. Lady Trench Polyclinic (general out-patient facilities, dental clinic, eye clinic, dermatological clinic and methadone clinic)  | A2 |
| 5. Maurine Grantham Health Centre (family health centre and maternity home)  | A2 |
| 6. North Kwai Chung Clinic (general out-patient facilities, family health centre and methadone clinic)   | A2 |
| 7. North Lamma Clinic (general out-patient facilities, family health centre and maternity home)  | A2 |
| 8. Peng Chau Dispensary (general out-patient facilities, family health centre, maternity home, eye clinic, special skin clinic and social hygiene clinic)  | A2 |
| 9. Sai Kung Dispensary (general out-patient facilities, family health centre, maternity home, eye clinic and chest clinic)   | B2 |
| 10. Sha Tau Kok Clinic (general out-patient facilities, family health centre and maternity home)   | B1 |
| 11. Sha Tin Clinic and Maternity Home (general out-patient facilities, family health centre, maternity home and chest clinic)  | B1 |
| 12. Shek Wu Hui Jockey Club Clinic (general out-patient facilities, family health centre, maternity home, eye clinic, chest clinic, social hygiene clinic and methadone clinic)  | A1 |
| 13. Mui Wo Dispensary (general out-patient facilities, family health centre and maternity home)  | A2 |
| 14. South Kwai Chung Jockey Club Polyclinic (general out-patient facilities, chest clinic, family health centre, maternity home, eye clinic, ENT clinic, psychiatric clinic, social hygiene clinic and specialist clinic for Princess Margaret Hospital) | A2 |
| 15. Tai O Jockey Club Clinic (general out-patient facilities, family health centre, maternity home, dental clinic and chest clinic)  | A2 |
| 16. Tai Po Jockey Club Clinic (general out-patient facilities, family health centre, maternity home, dental clinic, eye clinic, chest clinic, special skin clinic and social hygiene clinic)   | B1 |
| 17. Tuen Mun Clinic (general out-patient facilities, family health centre, maternity home, eye clinic, chest clinic and methadone clinic)  | A1 |
| 18. Yuen Long Jockey Club Health Centre (general out-patient facilities, family health centre, maternity home, dental clinic, eye clinic, chest clinic, special skin clinic and social hygiene clinic)   | A1 |

PRISON HOSPITALS/TREATMENT CENTRES

- |  |    |
|--|----|
| 19. Chi Ma Wan Prison                        | A2 |
| 20. Hei Ling Chau Addiction Treatment Centre | A2 |
| 21. Lai King Training Centre                 | A2 |
| 22. Ma Po Ping Prison                        | A2 |
| 23. Nei Kwu Chau Detention Centre            | A2 |
| 24. Pik Uk Correctional Institution          | B2 |
| 25. Pik Uk Prison                            | B2 |
| 26. Sha Tsui Detention Centre                | A2 |
| 27. Siu Lam Psychiatric Centre               | A2 |
| 28. Tai Lam Centre for Women                 | A2 |
| 29. Tai Lam Addiction Treatment Centre       | A2 |
| 30. Tong Fuk Centre                          | A2 |





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**FIGURE 1**  
**INFANT AND NEO-NATAL MORTALITY**  
**RATE 1961 TO 1979**

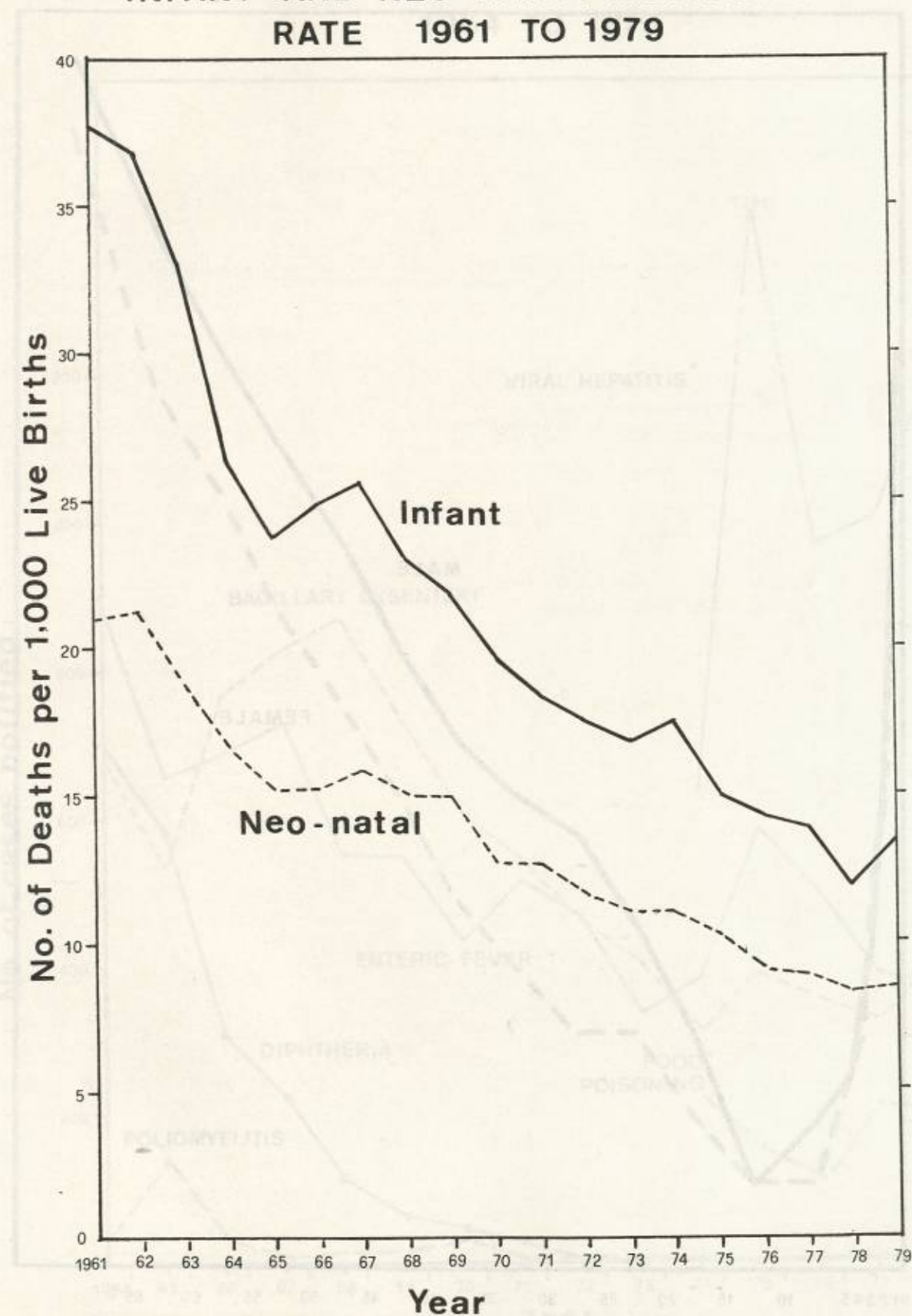


FIGURE 2

AGE SPECIFIC DEATH RATE BY SEX 1979

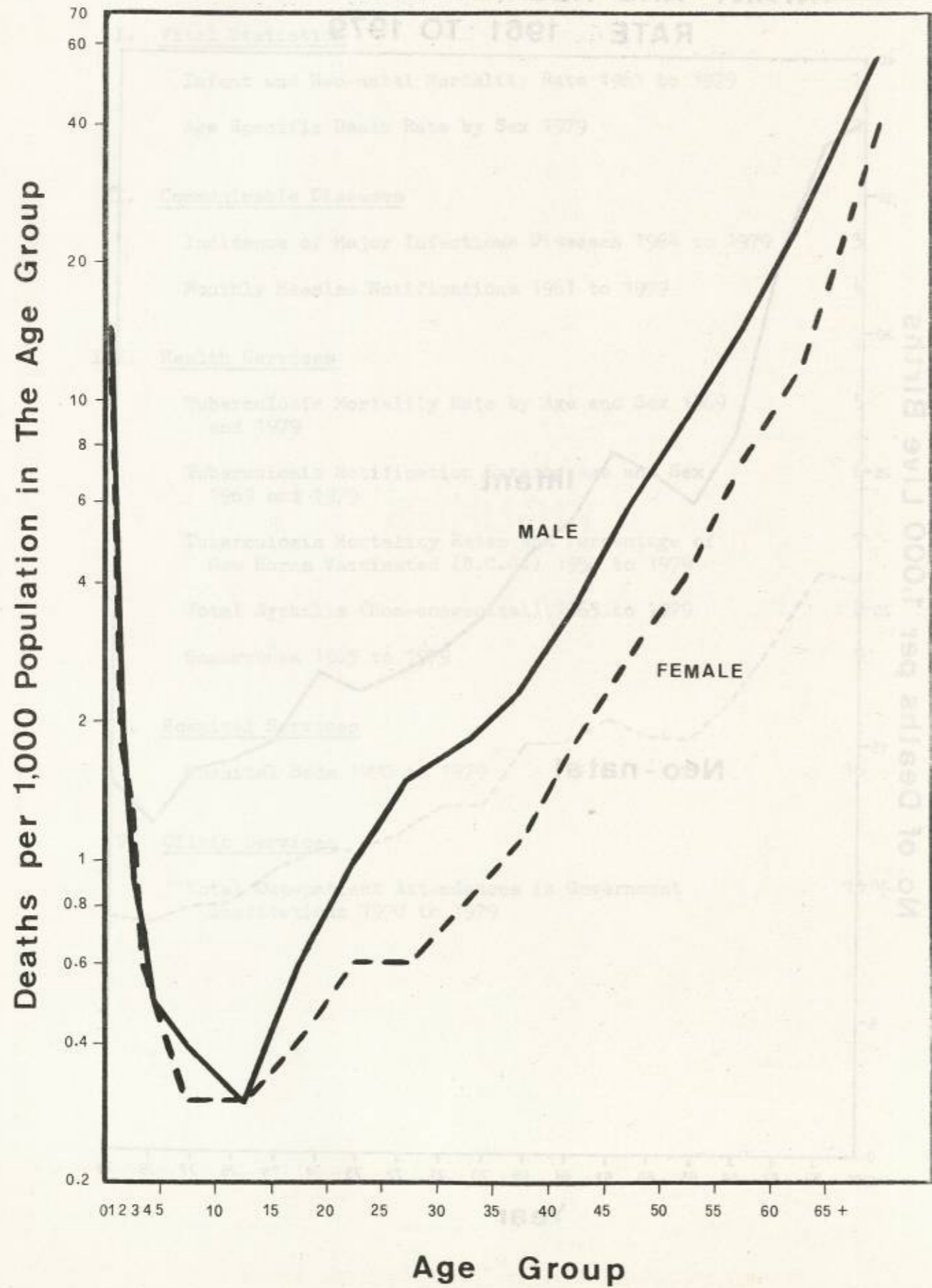
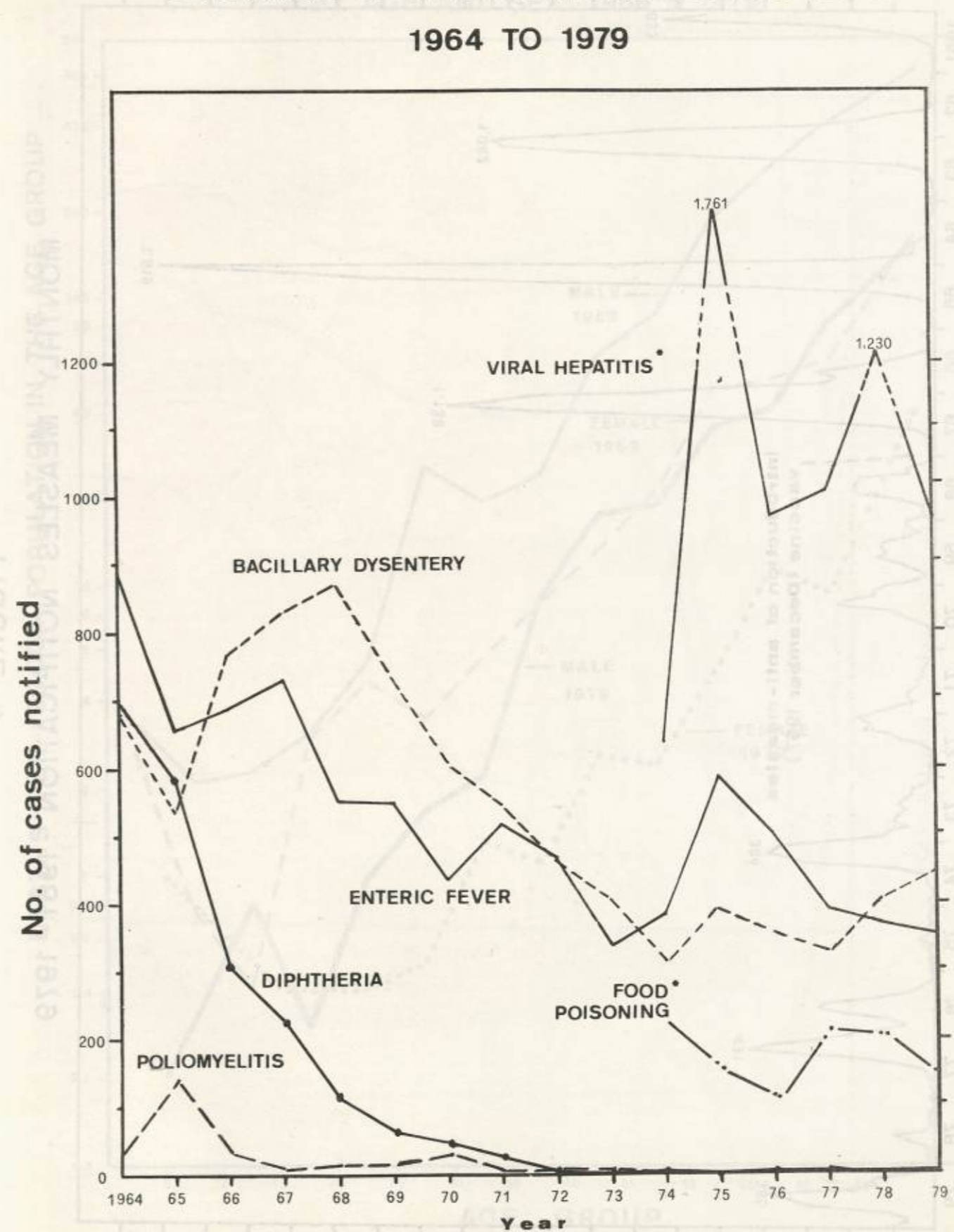


FIGURE 3

INCIDENCE OF MAJOR INFECTIOUS DISEASES

1964 TO 1979



• Notifiable since 27th March 1974

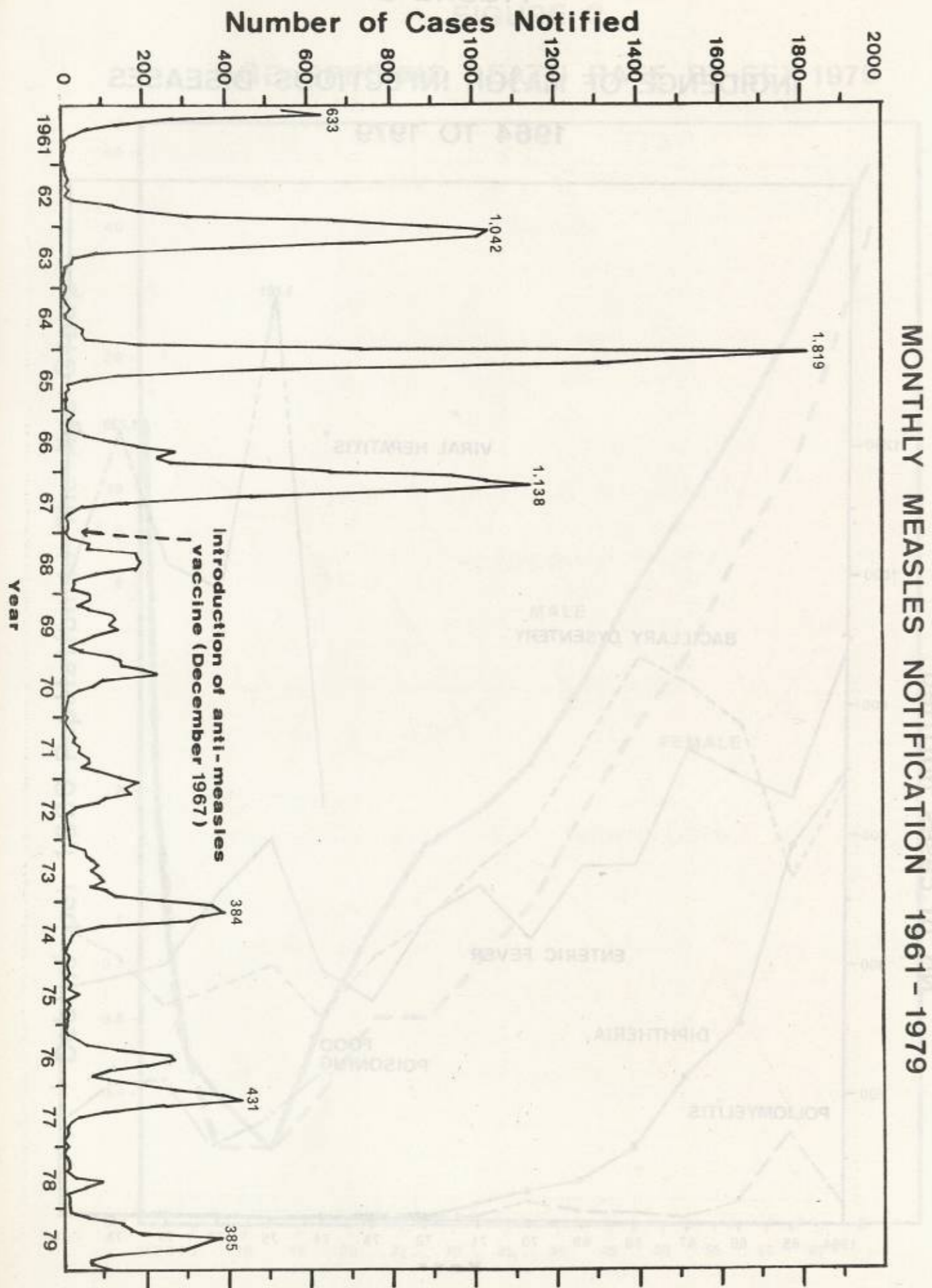
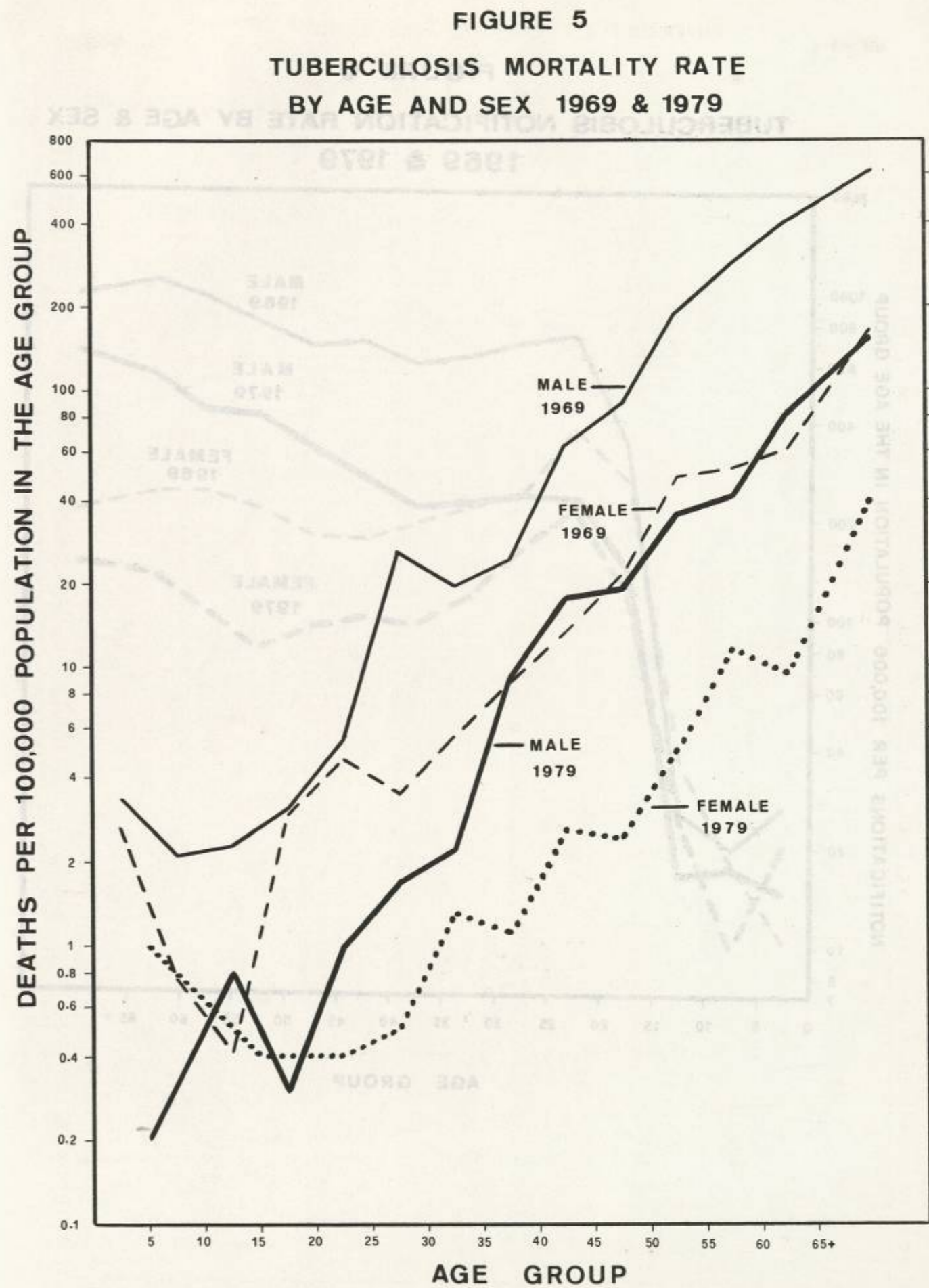
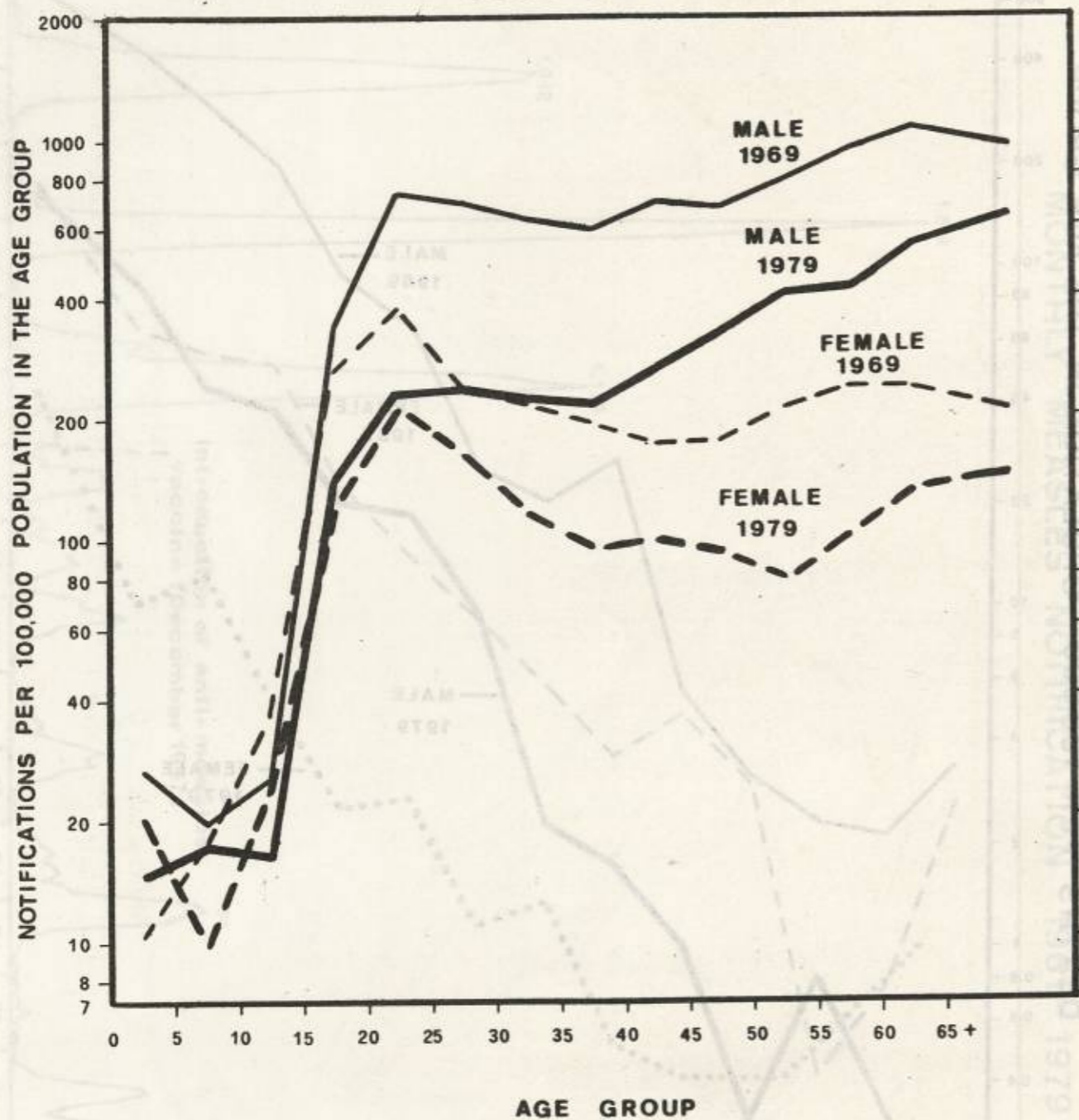


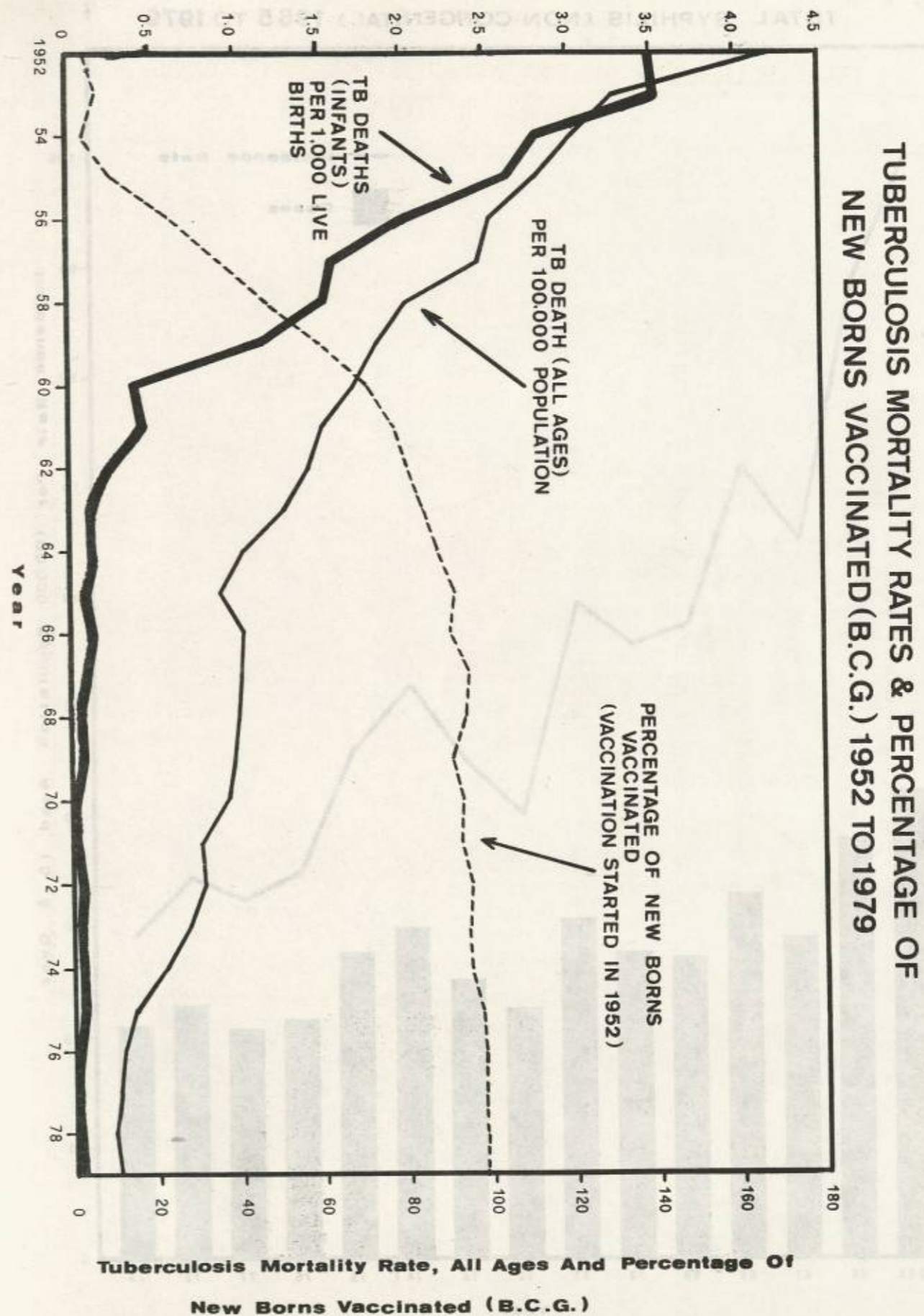
FIGURE 4



**FIGURE 6**  
**TUBERCULOSIS NOTIFICATION RATE BY AGE & SEX**  
**1969 & 1979**



**Infant Tuberculosis Mortality Rate**



**TUBERCULOSIS MORTALITY RATES & PERCENTAGE OF NEW BORN'S VACCINATED (B.C.G.) 1952 TO 1979**

**FIGURE 7**

FIGURE 8

TOTAL SYPHILIS (NON-CONGENITAL) 1965 TO 1979

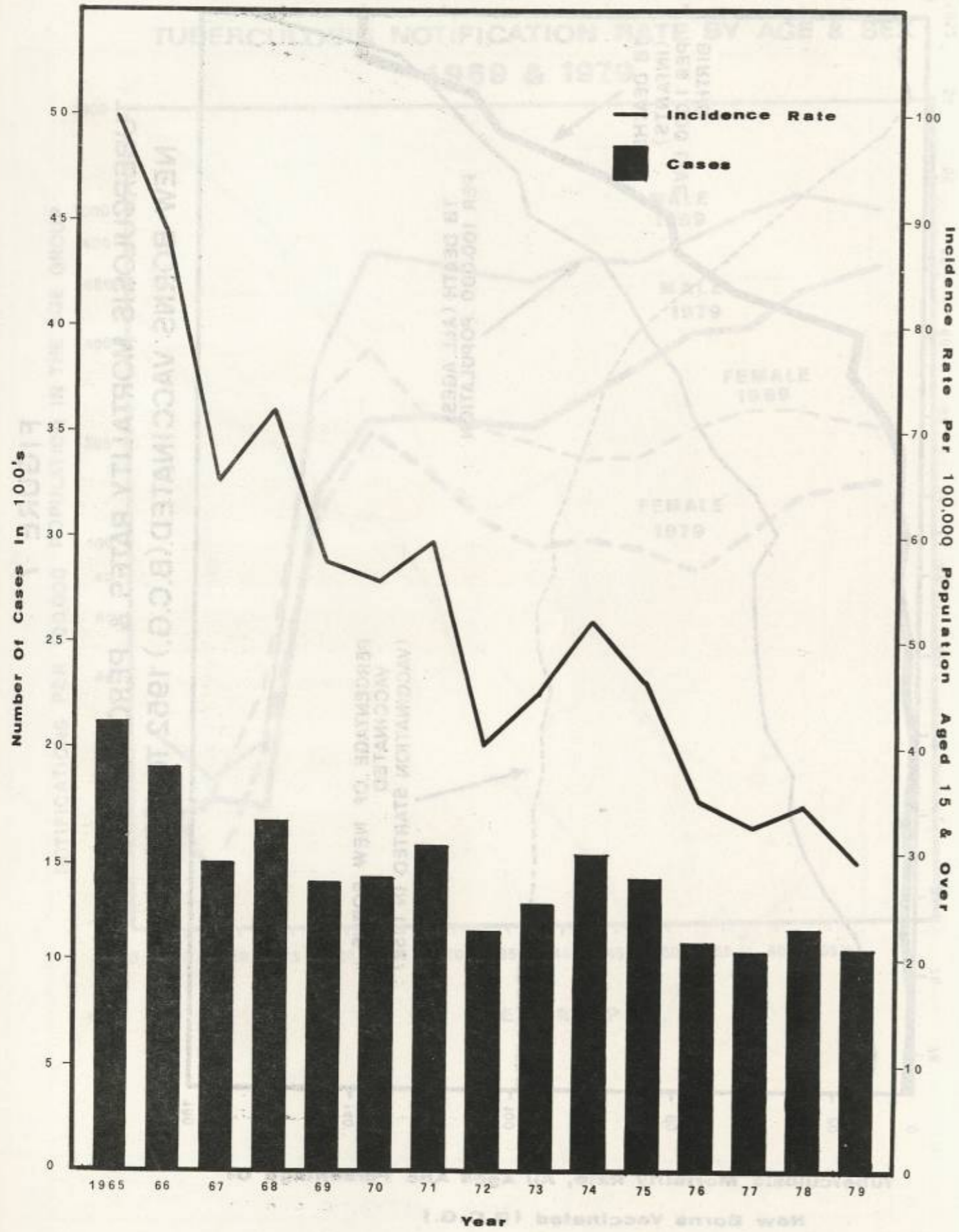


FIGURE 9  
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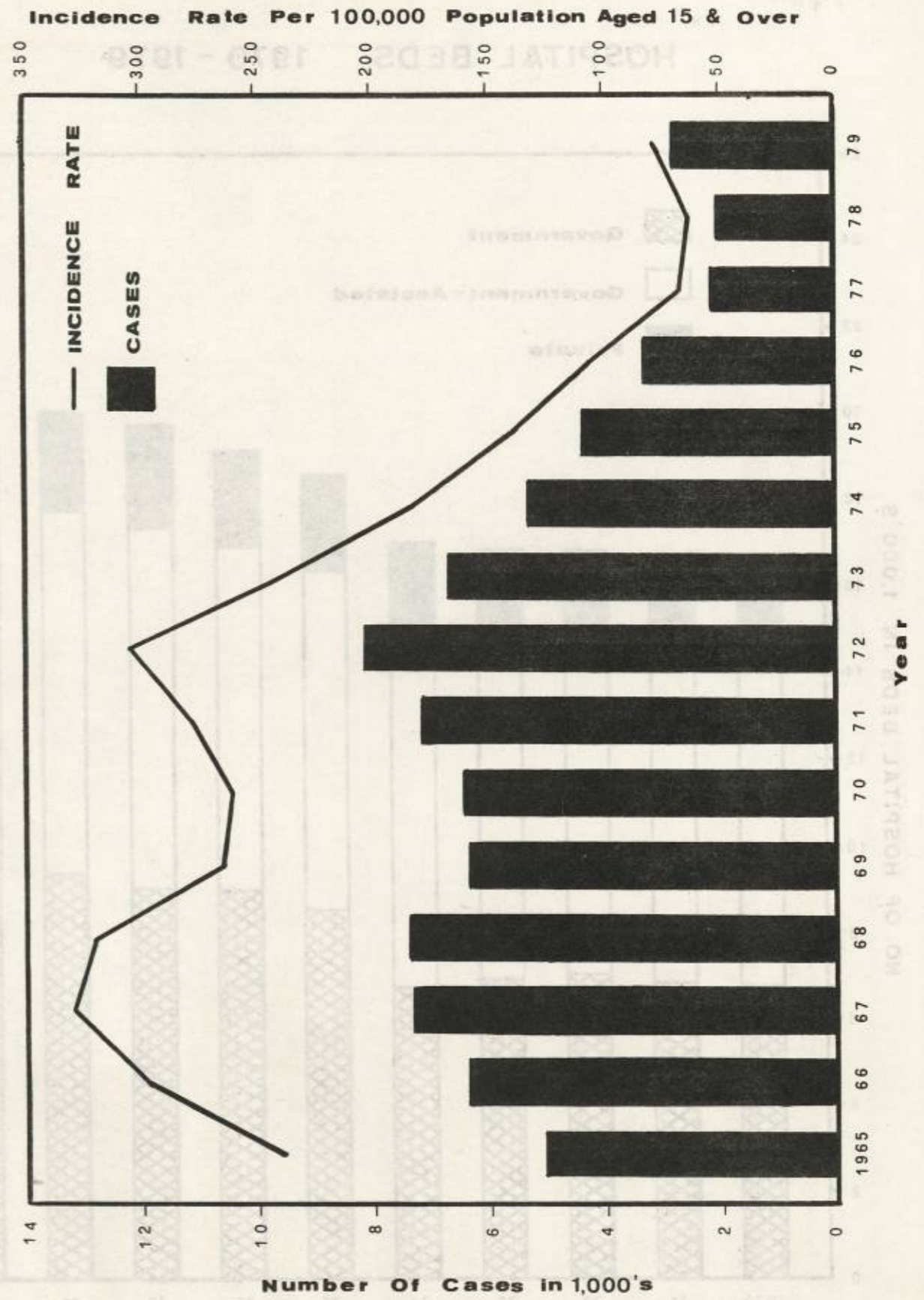


FIGURE 10

HOSPITAL BEDS 1970 - 1979

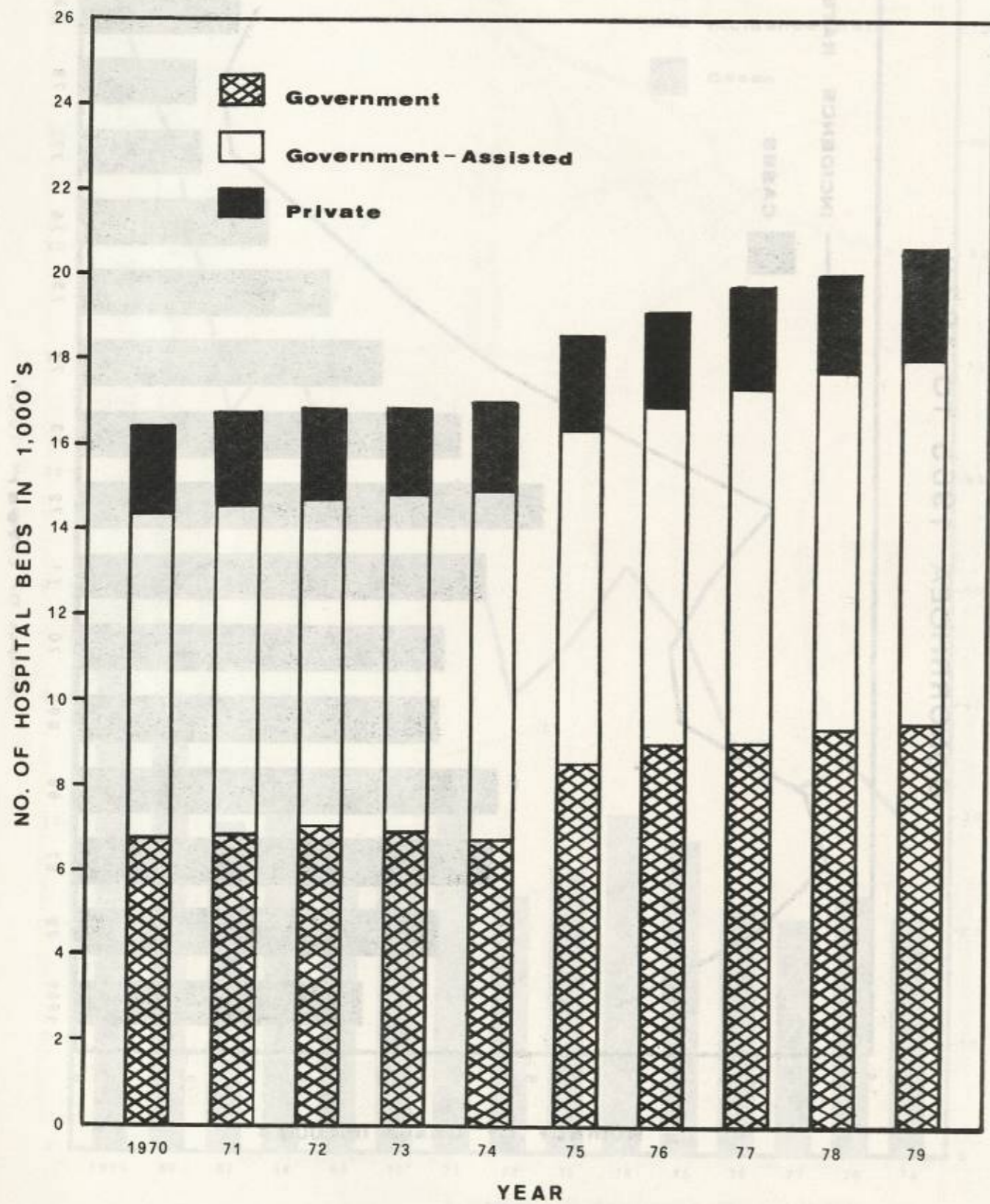


FIGURE 11

TOTAL OUT-PATIENT ATTENDANCES IN GOVERNMENT INSTITUTIONS 1970 TO 1979

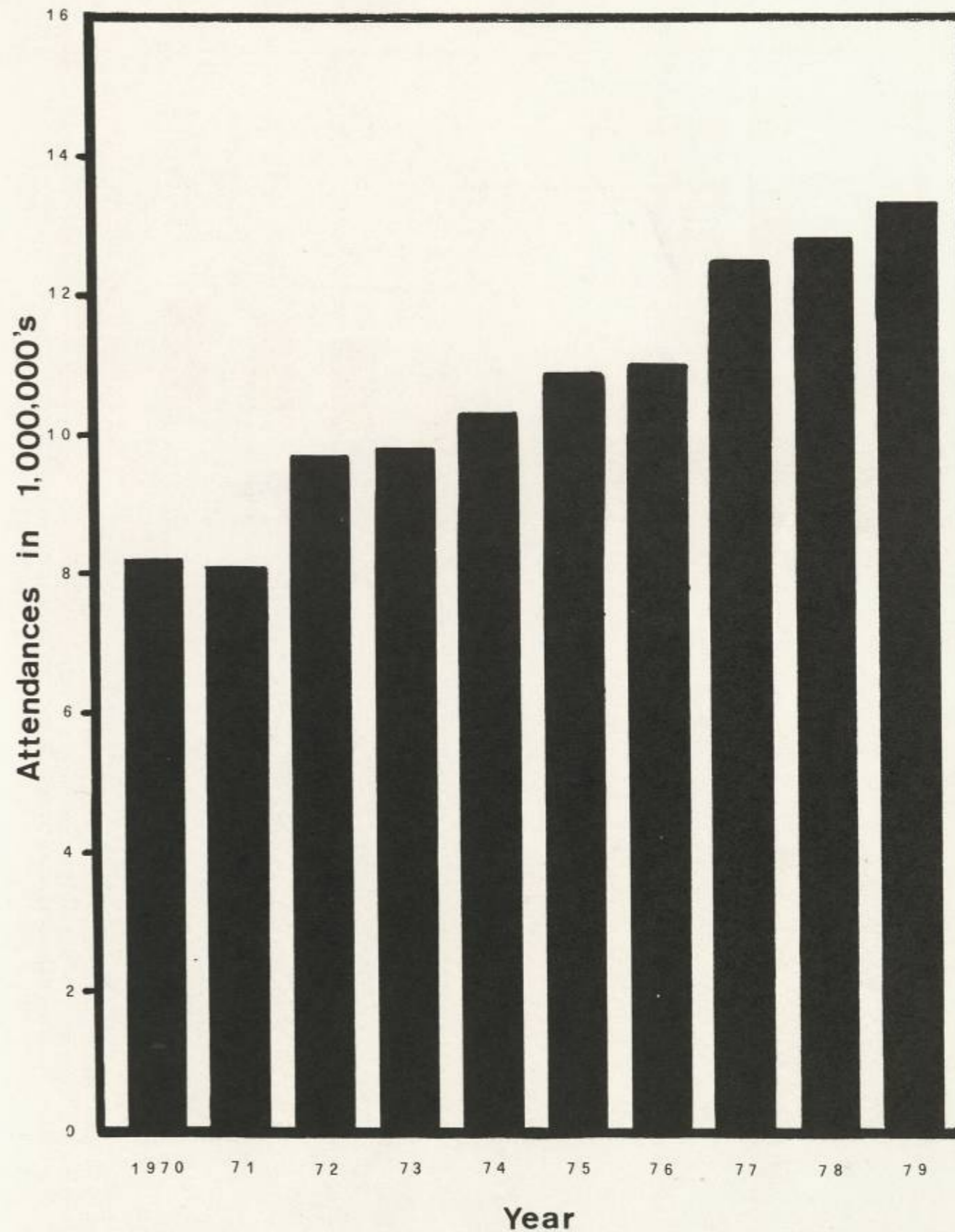
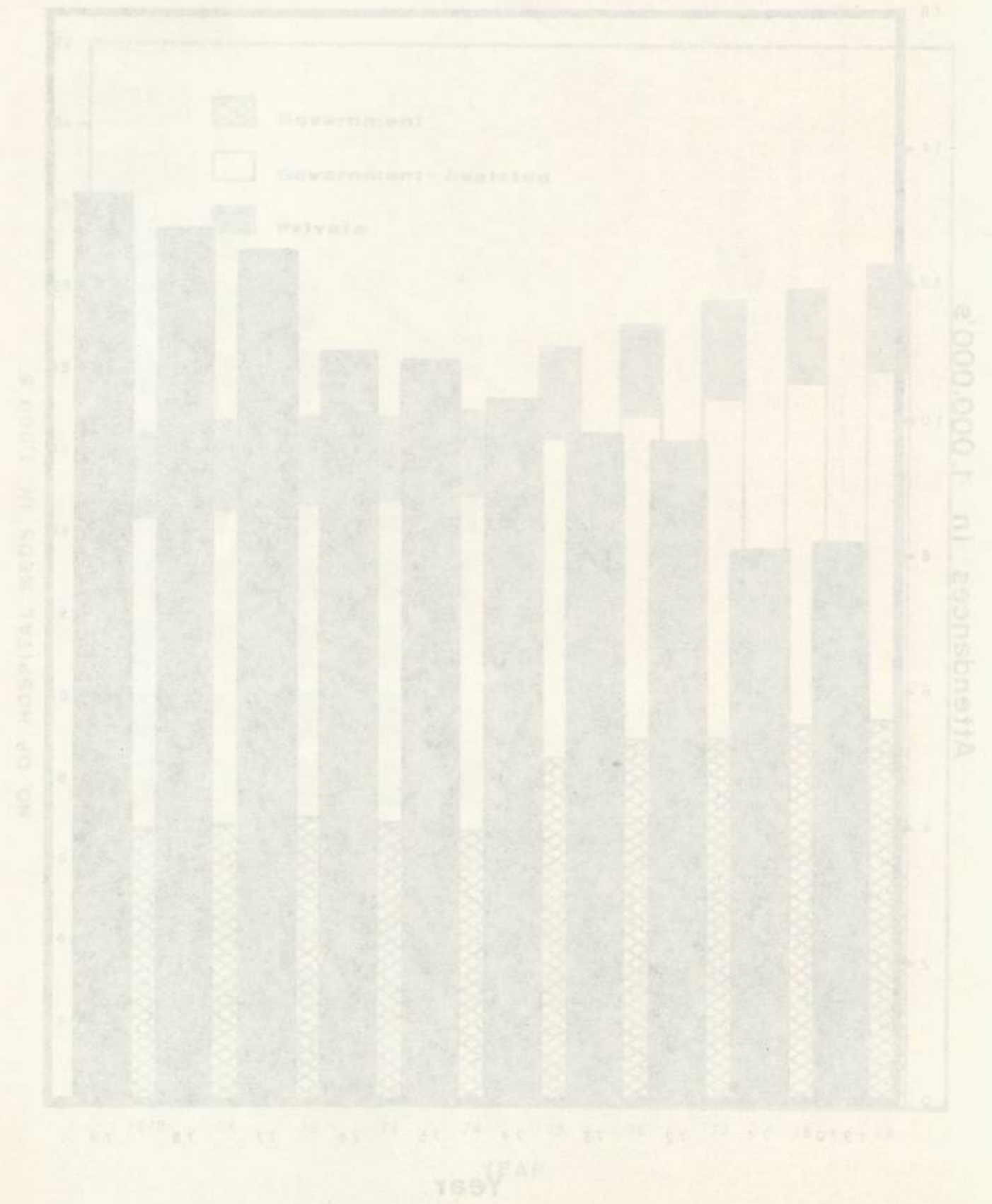


FIGURE 11  
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Grade	Zone	Headquarters	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hosp. & Mental Health Centres	Shatin Hospital	Tsao Yik Hospital	Dental Service	TB & Chest Service	Other Hospitals, Clinics & Services	Total	Strength on 31.3.80
Director of Medical & Health Services		1												1	1
Deputy Director of Medical & Health Services		2												2	2
Assistant Director of Medical & Health Services		4											3	7	7
Consultant			10	25	16		2	3			6	3	13	78	67
Principal Medical & Health Officer		3	1	1	2		1			1			3	12	8
Administrative Officer Staff Grade B/C/Administrative Officer		4												4	4
Principal Executive Officer/Chief Executive Officer/Senior Executive Officer/Executive Officer		25		2	1						1		5	*34	36
Senior Treasury Accountant/Treasury Accountant/Accounting Officer I		3												3	3
Senior Medical & Health Officer/Medical & Health Officer/Assistant Medical & Health Officer		88	97	150	115	3	36	30	35	11		33	399	997	900

TABLE 1 (Cont'd)

Zone Grade	Headquarters										Strength on 31.3.80	
	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hosp. & Mental Health Centres	Shatin Hospital	Tsao Yau Hospital	Dental Service	TB & Chest Service Other Hospitals, Clinics & Services		Total
Principal Dental Officer/Senior Dental Officer/Dental Officer/Assistant Dental Officer	2	4	3		3	1		97			110	104
Principal Nursing Officer											1	1
Nursing Staff (Excl. Midwifery Staff)	881	1599	1176	70	565	530	311	39	153	1094	6422	5904
Midwife/Student Midwife (Including Senior Midwife)	19		19					129		203	370	328
Senior Dietitian/Dietitian	3	5	4		2	1		1			16	16
Principal Medical Social Worker/Senior Medical Social Worker/Medical Social Worker I & II	13	17	15	1	11	20		2	15	47	144	124
Chief Pharmacist/Senior Pharmacist/Pharmacist/Chief Dispenser/Senior Dispenser/Dispenser/Student	23	25	22	1	7	6	20	2	9	172	*287	294
Assistant Biochemist										1	1	1
Scientific Officer (Medical)		4	1							2	7	7
Clinical Psychologist		6				4				1	5	5
Senior Physicist/Physicist	2										*8	9

TABLE 1 (Cont'd)

Zone Grade	Headquarters										Strength on 31.3.80	
	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hosp. & Mental Health Centres	Shatin Hospital	Tsao Yau Hospital	Dental Service	TB & Chest Service Other Hospitals, Clinics & Services		Total
Chief Hospital Secretary/Senior Hospital Secretary/Hospital Secretary/Assistant Hospital Secretary	4	3	5	1	2	2	1			10	33	29
Steward I, II & III								1				
Principal Information Officer/Senior Information Officer/Assistant Information Officer	2											
Senior Statistician/Statistician/Statistical Officer/Statistical Assistant	15	1	2						2		21	19
Chinese Language Officer II	1										1	1
General Grade Staff	160	91	173	8	43	50	2	10	66	409	1218	1218
Superintendent Radiographer/Senior Radiographer/Radiographer/Student Radiographer	36	65	23		4	1	15	2		44	190	152
X-Ray Assistant												
X-Ray Mechanic	4	2								21	6	20
Superintendent Physiotherapist/Senior Physiotherapist/Tutor Physiotherapist/Physiotherapist I/Physiotherapist II/Student Physiotherapist	11	54	20	1	12					38	136	120

TABLE 1 (Cont'd)

Zone Grade	Headquarters										Strength on 31.3.80		
	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hosp. & Mental Health Centres	Shatin Hospital	Tsuan Yuk Hospital	Dental Service	TB & Chest Service		Other Hospitals, Clinics & Services	Total
Superintendent Occupational Therapist/ Senior Occupational Therapist/ Occupational Therapist/Occupational Therapy Assistant	5	8	12	6	14	56		4			18	119	118
Chief Medical Technologist/Senior Medical Technologist/Medical Technologist/Medical Laboratory Technician I/Medical Laboratory Technician II/Student Medical Laboratory Technician	16	50	60	1		3					113	247	237
Senior Health Inspector/Health Inspector/Student Health Inspector											11	11	10
Senior Inoculator/Inoculator										14	111	125	91
Audiology Technician								5			4	4	2
Senior Prosthetist/Prosthetist I/ Prosthetist II/Student Prosthetist									5		24	29	20
Chiropodist												2	-
Calligraphist												1	-
Senior Mould Laboratory Technician/ Mould Laboratory Technician/ Student Mould Laboratory Technician	2	6	2					5				13	8

TABLE 1 (Cont'd)

Zone Grade	Headquarters										Strength on 31.3.80		
	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hosp. & Mental Health Centres	Shatin Hospital	Tsuan Yuk Hospital	Dental Service	TB & Chest Service		Other Hospitals, Clinics & Services	Total
Senior Dental Technologist/ Dental Technologist									3			3	2
Dental Technician I/Dental Technician II/Student	1	1	1						59			62	58
Dental Inspector									2			2	1
Senior Dental Surgery Assistant/ Dental Surgery Assistant	3	4	3		2	1			97			110	96
Dental Hygienist/Student Dental Hygienist									12			12	11
Tutor Dental Therapist/Dental Therapist/Student Dental Therapist									92			92	82
Laundry Manager/Assistant Laundry Manager											3	6	6
Linen Production Unit Manager/ Linen Production Unit Supervisor											5	6	6
Tailor											4	4	3
Senior Electrical Technician/ Electrical Technician	3	4	1								4	12	12
Machinist													
Senior Optical Technician/ Optical Technician											94	94	92
											5	5	4

TABLE 1 (Cont'd)

Grade	Headquarters	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hosp. & Mental Health Centres	Shatin Hospital	Tsuan Yuk Hospital	Dental Service	TB & Chest Service	Other Hospitals, Clinics & Services	Total	Strength on 31.3.80
Technical Assistant (Social Hygiene)												1	1	1
Speech Therapist												2	*2	3
Kitchen Supervisor					1		1		1			1	5	5
Mortuary Supervisor			1	1								3	6	6
Medical Board Assistant												1	1	1
Head Attendant												1	*	1
Poster Artist												1	1	-
Senior Hostel Manageress/Hostel Manageress			4									4	4	1
Photographer I & II		1	2	1								1	5	5
Gumigator												1	1	-
Senior Foreman/Foreman			12									8	20	19
Senior Supplies Officer/Assistant Supplies Officer/Supplies Supervisor I & II/Supplies Assistant	7	6	11	9	1	5	3		1	6		25	74	74
Telephone Operator					1							11	53	51
Hospital Receptionist									4	1			9	9
Minor Staff	1	832	1259	835	104	458	603	394	137	63	33	1723	6048	5914
Total	330	2082	3521	2477	204	1176	1323	394	345	505	355	4649	17361	16370

\* Note : Excluding supernumerary posts held against other posts.

TABLE 2

## ORGANISATION OF MEDICAL &amp; HEALTH DEPARTMENT - POSITION AS AT 31.3.80

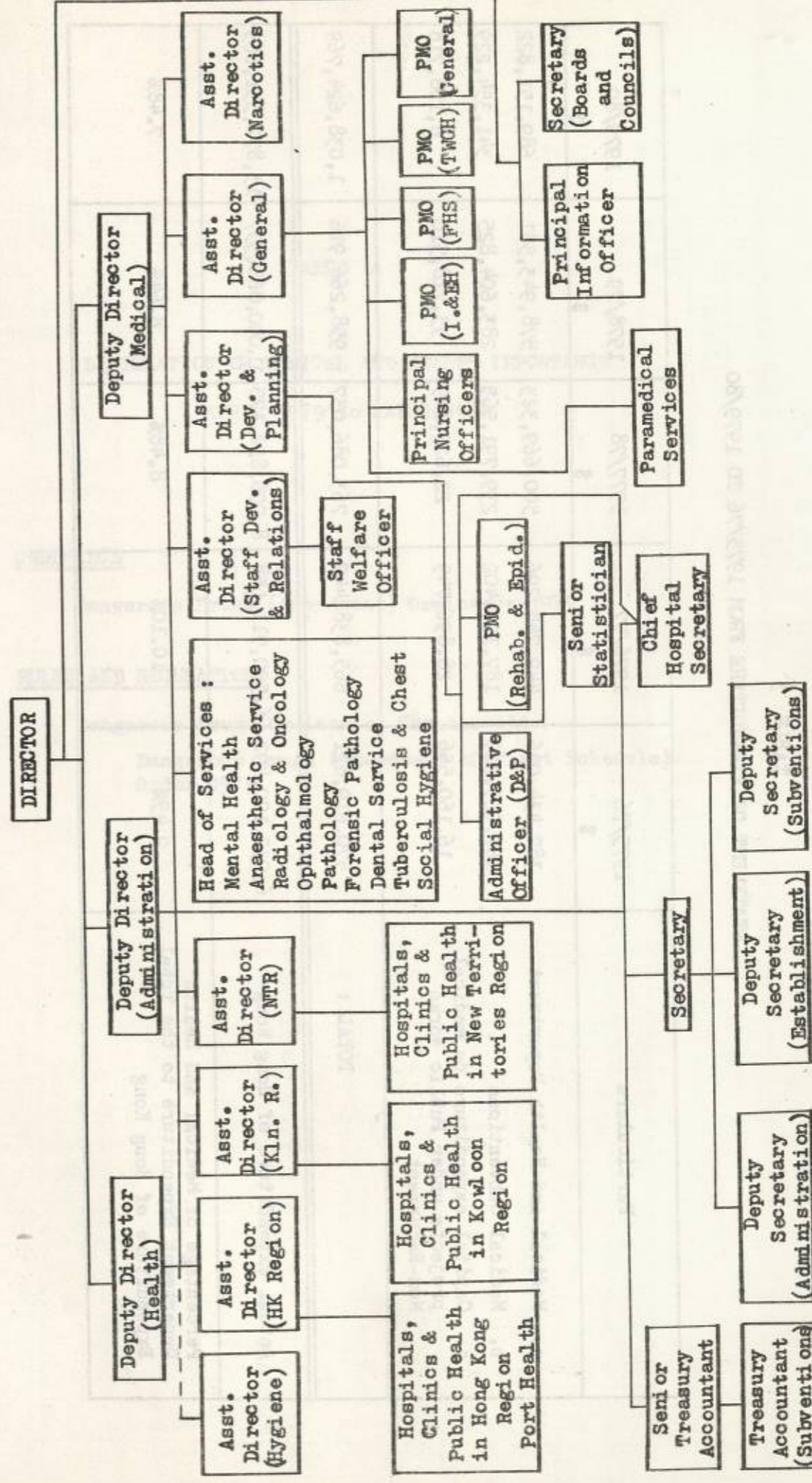


TABLE 3  
STATEMENT OF EXPENDITURE FROM 1975/76 TO 1979/80

Particulars	1975/76 \$	1976/77 \$	1977/78 \$	1978/79 \$	1979/80 \$
a. Medical and Health Department	387,434,036	449,748,296	500,669,323	578,943,581	689,151,822
b. Medical Subventions	167,025,229	187,193,402	239,791,565	283,604,825	341,354,229
c. Capital expenditure on medical projects under Public Works Non-Recurrent	16,160,556	28,896,749	22,625,149	95,718,510	8,118,718
<b>TOTAL :</b>	570,619,821	665,838,447	763,086,037	958,266,916	1,038,624,769
Actual expenditure of Hong Kong	6,032,190,492	6,590,911,658	8,996,892,175	11,090,068,357	13,872,331,663
Percentage of Medical and Health Department Expenditure to the Total Expenditure of Hong Kong	9.45%	10.10%	8.48%	8.64%	7.48%

TABLE 4

LEGISLATION OF MEDICAL AND HEALTH IMPORTANCE  
APRIL 1979 to MARCH 1980

ORDINANCE

Dangerous Drugs (Amendment) Ordinance 1979

RULES AND REGULATIONS

Dangerous Drugs Ordinance, Chapter 134 :-

Dangerous Drugs (Amendment of First Schedule) Order 1979.

TABLE 5  
WORK OF STATUTORY COUNCILS - APRIL 1979 TO MARCH 1980

WORK	COUNCIL		MEDICAL		DENTAL		
	Local List	Overseas List	Local List	Overseas List	Dentists Local List	Dentists Overseas List	Dental Hygienists
Number on the Register on 31.3.1980	2,896	463	597	104	23	6	23
Number of Applications for registration	266	47	118	28	6	6	6
Number of Registrations granted	151	-	-	-	-	-	-
Number of Registrations Provisional	266	47	68	28	6	6	6
Registration (Part IV of Register)	66*	-	-	-	-	-	-
Number of Examinations held	1*	-	-	-	-	-	-
Multiple-Choice Question Paper	1*	-	-	-	-	-	-
	1*	-	-	-	-	-	-
Oral & Practical Written	1*	-	24	-	-	-	-
	1*	-	2	-	-	-	-
Number of Candidates examined	422*	-	-	-	-	-	-
	138*	-	-	-	-	-	-
Multiple-Choice Question Paper	106*	-	70	-	-	-	-
	106*	-	28	-	-	-	-
Number of successful Candidates	91*	-	-	-	-	-	-
	70*	-	28	-	-	-	-
Oral & Practical Written	85*	-	27	-	-	-	-
	85*	-	7	-	-	-	-
Disciplinary Hearings held	6	-	6	-	-	-	-
	6	-	6	-	-	-	-
Number of removals from Register	155	14	23	5	-	-	-

Number of Meetings held :  
 Medical Council 1  
 Dental Council -

Licentiate Committee & its Sub-Committees 11

\*Licentiate Scheme for unregistrable doctors

TABLE 6  
WORK OF STATUTORY BOARDS - APRIL 1979 TO MARCH 1980

WORK	BOARDS						MIDWIVES	PHARMACY & POISONS	
	NURSING			Enrolled		General			Mental
	Registered General	Registered Mental	Registered Mentally Sub-normal	Enrolled General	Enrolled Mental				
Number on the Register on 31.3.1980	10,211	364	2	3,223	170	6,709	282		
Number of applications for registration	599	30	1	160	21	245	83		
Number of registrations granted	585	28	1	140	21	248	34		
Number of examinations held	3	3	-	3	3	4	2		
Number of candidates examined	656	41	-	161	49	261	94		
Number of successful candidates	639	30	-	155	27	252	24		
Disciplinary hearings held									
No. of hearings	1	-	-	-	-	1	-		
No. of persons charged	-	-	-	-	-	-	-		
Number of removals from register	2	1	-	-	-	2	6		

Number of Meetings held :  
 Nursing Board 3  
 Midwives Board 4  
 Pharmacy and Poisons Board 2  
 Radiation Board 1

DETAILS OF LICENCES ISSUED BY THE RADIATION BOARD  
- 1st APRIL 1979 TO 31st MARCH 1980

Work	Irradiating Apparatus		Radioactive Substances
	Possess & Operate	Possess	
Total no. of Licences remained in force as at 31.3.80	522	1	238
No. of Applications for Licences	62	-	90
No. of Licences granted	98	99	70
No. of Licences cancelled	75	98	40

TABLE 7

## ESTIMATED POPULATION BY AGE GROUP AT MID-1979

Age Group	Male	Female	Total
0	43,500	40,800	84,300
1 - 4	167,700	156,600	324,300
5 - 9	213,700	203,600	417,300
10 - 14	243,400	231,300	474,700
15 - 19	315,100	285,400	600,500
20 - 24	311,800	262,200	574,000
25 - 29	237,900	207,500	445,400
30 - 34	180,900	148,800	329,700
35 - 39	121,400	92,900	214,300
40 - 44	139,300	117,400	256,700
45 - 49	137,100	123,300	260,400
50 - 54	126,200	120,300	246,500
55 - 59	106,600	104,500	211,100
60 - 64	81,200	85,800	167,000
65 - 69	58,200	68,900	127,100
70 - 74	28,200	48,100	76,300
75 - 79	15,300	35,700	51,000
80 and over	9,600	29,800	39,400
Total	2,537,100	2,362,900	4,900,000

TABLE 8  
VITAL STATISTICS - HONG KONG  
(Absolute Number)

Year	Population* (1)	Registered# Live Births (2)	Registered# Deaths (3)	Late Foetal Deaths (Still Births) (4)	Early Neo. Deaths (5)	Late Neo. Deaths (6)	Post Neo. Deaths (7)	Peri- Natal Deaths (8)=(4)+(5)	Neo. Natal Deaths (9)=(5)+(6)	Infant# Deaths (10)=(5)+(6)+(7)	Maternal Deaths (11)
1951	2015300	68500	20580	1180	1205	936	4144	2385	2141	6285	111
52	2125900	71976	19459	1157	1017	873	3656	2174	1890	5546	84
53	2242200	75544	18300	1158	1073	875	3612	2231	1948	5560	75
54	2364900	83317	19283	1341	1002	1048	3978	2343	2050	6028	105
55	2490400	90511	19080	1250	1213	882	3917	2463	2095	6012	107
1956	2614600	96746	19295	988	1303	1039	3553	2291	2342	5895	88
57	2736300	97834	19365	1245	1323	1007	3106	2568	2330	5436	105
58	2854100	106624	20554	1297	1413	1079	3294	2710	2492	5786	92
59	2967400	104579	20250	1393	1335	888	2831	2728	2223	5054	77
60	3075300	110667	19146	1680	1309	1003	2279	2989	2312	4591	55
1961	3168100	108726(110884)	18738(19325)	1683	1226	1054	1818	2909	2280	4098	50
62	3305200	111905(112503)	20324(20933)	1560	1260	1109	1761	2820	2369	4130	54
63	3420900	115263(114550)	19748(20340)	1633	1206	972	1623	2839	2178	3801	34
64	3504600	108519(107625)	18113(18657)	1485	1115	684	1071	2600	1799	2870	42
65	3597900	102195(101110)	17621(18150)	1363	1017	537	871	2380	1554	2425	34
1966	3629900	92476(91832)	18700(19261)	1246	1011	407	882	2257	1418	2300	40
67	3722800	88171(88215)	19644(20234)	999	958	440	862	1957	1398	2260	27
68	3802700	82992(82685)	19319(19444)	832	843	404	664	1675	1247	1911	12
69	3863900	79329(82482)	18730(19256)	757	810	373	548	1567	1183	1731	12
70	3959000	77465(79132)	20763(19996)	726	734	252	535	1460	986	1521	15
1971	4045300	76818(79789)	20253(20374)	656	716	254	440	1372	970	1410(1415)	11
72	4115700	79053(80344)	21145(21397)	736	740	174	466	1476	914	1380(1396)	16
73	4212600	80147(82252)	21360(21251)	681	724	157	464	1405	881	1345(1351)	8
74	4319600	81879(83581)	22050(21879)	621	717	184	520	1338	901	1421(1407)	13
75	4395800	78200(79790)	21191(21597)	565	671	133	369	1236	804	1173(1192)	2
1976	4443800	76342(78486)	23195(22692)	521	564	127	401	1085	691	1092(1085)	14
77	4513900	78807(79888)	23459(23406)	528	565	140	388	1093	705	1093(1081)	13
78	4606300	79173(80785)	22843(23885)	431	539	115	280	970	654	934(956)	5
79	4900000	82157(83019)	26179(25268)	389	566	123	403	955	689	1092(1083)	7

\*1951-1960 based on the 1961 Census, 1961-1970 based on the 1971 Census, 1971-1979 based on the 1976 By-Census  
#Figures in brackets denote adjusted births and deaths for 1961-1968 and known births and deaths for 1969-1979

TABLE 9  
VITAL STATISTICS - HONG KONG  
(Rate)

Year	Crude* Birth Rate (1)	Crude* Birth Rate (2)	Late Foetal Mort. (3)	Early Neo. Mort. (4)	Late Neo. Mort. (5)	Post Neo. Mort. (6)	Peri- Natal Mort. (7)	Neo- Natal Mort. (8)=(4)+(5)	Infant* Mort. (9)=(4)+(5)+(6)	Maternal Mort. (10)
1951	34.0	10.2	16.9	17.6	13.7	60.5	34.2	31.3	91.8	1.59
52	33.9	9.2	15.8	14.1	12.1	50.8	29.7	26.3	77.1	1.15
53	33.7	8.2	15.1	14.2	11.6	47.8	29.1	25.8	73.6	0.98
54	35.2	8.2	15.8	12.0	12.6	47.8	27.7	24.6	72.4	1.24
55	36.3	7.7	13.6	13.4	9.7	43.3	26.8	23.1	66.4	1.17
1956	37.0	7.4	10.1	13.5	10.7	36.7	23.4	24.2	60.9	0.90
57	35.8	7.1	12.6	13.5	10.3	31.8	25.9	23.8	55.6	1.06
58	37.4	7.2	12.0	13.3	10.1	30.9	25.1	23.4	54.3	0.85
59	35.2	6.8	13.1	12.8	8.5	27.1	25.7	21.3	48.3	0.73
60	36.0	6.2	15.0	11.8	9.1	20.6	26.6	20.9	41.5	0.49
1961	34.3	5.9	15.2	11.3	9.7	16.7	26.3	21.0	37.7	0.45
62	33.9	6.1	13.7	11.3	9.9	15.7	24.9	21.2	36.9	0.48
63	33.7	5.8	14.0	10.5	8.4	14.1	24.3	18.9	33.0	0.29
64	31.0	5.2	13.5	10.3	6.3	9.9	23.6	16.6	26.4	0.38
65	28.4	4.9	13.2	10.0	5.3	8.5	23.0	15.2	23.7	0.33
1966	25.5	5.2	13.3	10.9	4.4	9.5	24.1	15.3	24.9	0.43
67	23.7	5.3	11.2	10.9	5.0	9.8	21.9	15.9	25.6	0.30
68	21.8	5.1	9.9	10.2	4.9	8.0	20.0	15.0	23.0	0.14
69	20.5	4.8	9.5	10.2	4.7	6.9	19.6	14.9	21.8	0.15
70	19.6	5.2	9.3	9.5	3.3	6.9	18.7	12.7	19.6	0.19
1971	19.0	5.0	8.5	9.3	3.3	5.7	17.7	12.6	18.4	0.14
72	19.2	5.1	9.2	9.4	2.2	5.9	18.5	11.6	17.5	0.20
73	19.0	5.1	8.4	9.0	2.0	5.8	17.4	11.0	16.8	0.10
74	19.0	5.1	7.5	8.8	2.2	6.4	16.2	11.0	17.4	0.16
75	17.8	4.8	7.2	8.6	1.7	4.7	15.7	10.3	15.0	0.03
1976	17.2	5.2	6.8	7.4	1.7	5.3	14.1	9.1	14.3	0.18
77	17.5	5.2	6.7	7.2	1.8	4.9	13.8	8.9	13.9	0.16
78	17.2	5.0	5.4	6.8	1.5	3.5	12.2	8.3	11.8	0.06
79	16.8	5.3	4.7	6.9	1.5	4.9	11.6	8.4	13.3	0.08

{ Rates : (1) & (2) : per 1,000 population  
(3), (4), (5), (6), (8) & (9) : per 1,000 live births.  
(7), (10) : per 1,000 total births }

\* Figures in brackets were calculated by using adjusted births & deaths figures for 1961-1968 and known births & deaths for 1969-1979.

TABLE 10 HONG KONG DEATH RATES 1965 TO 1979  
(Deaths per 1,000 population)

Rate	Year	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Standardised* Death Rate		11.46	12.13	12.25	12.17	11.55	12.04	11.32	11.35	10.65	10.44	9.87	10.68	10.42	9.81	10.36
Crude Death Rate		4.90	5.15	5.28	5.08	4.85	5.24	5.01	5.14	5.07	5.10	4.82	5.22	5.20	4.96	5.34
Age Specific Death Rate																
0		24.23	24.44	26.25	23.59	22.08	19.86	18.65	17.51	16.58	17.33	14.34	14.31	13.77	11.93	12.95
1 - 4		1.96	2.29	2.93	1.21	0.94	1.18	0.95	0.95	1.07	1.10	0.77	0.84	0.78	0.62	1.01
5 - 9		0.58	0.48	0.56	0.49	0.34	0.45	0.41	0.44	0.39	0.39	0.39	0.41	0.32	0.24	0.35
10 - 14		0.41	0.53	0.51	0.45	0.32	0.42	0.36	0.35	0.38	0.36	0.28	0.32	0.33	0.27	0.30
15 - 19		0.76	0.74	0.71	0.72	0.55	0.71	0.59	0.65	0.65	0.54	0.45	0.57	0.46	0.36	0.49
20 - 24		1.18	1.09	0.95	0.92	0.83	1.06	0.87	0.99	0.98	0.95	0.74	0.80	0.72	0.60	0.82
25 - 29		1.27	1.34	1.29	1.28	1.06	1.27	1.26	1.12	1.37	1.18	0.91	1.02	1.01	0.78	1.11
30 - 34		1.70	1.75	1.68	1.60	1.41	1.75	1.54	1.49	1.66	1.73	1.24	1.60	1.17	1.11	1.31
35 - 39		2.29	2.37	2.38	2.17	1.98	2.19	2.08	2.13	2.03	1.81	1.61	1.84	1.87	1.56	1.76
40 - 44		3.63	3.71	3.69	3.58	3.11	3.51	3.28	3.22	3.20	3.08	2.89	2.88	2.80	2.22	2.75
45 - 49		5.49	5.42	5.14	5.00	4.94	5.35	4.73	4.82	4.66	4.59	4.14	4.65	4.32	3.93	4.45
50 - 54		9.29	8.76	8.76	8.33	8.15	8.14	8.07	7.42	7.90	7.35	6.83	7.12	6.48	6.64	6.72
55 - 59		11.94	12.55	12.56	13.07	13.24	14.37	12.67	10.57	11.36	10.98	10.91	10.97	10.81	10.26	10.82
60 - 64		19.90	21.08	20.27	21.42	19.51	20.45	19.40	19.99	19.71	18.70	17.15	18.10	17.96	16.03	17.05
65 - 69		24.73	27.38	28.06	28.69	28.31	30.51	28.64	27.66	26.47	26.55	25.92	28.12	27.87	26.23	27.25
70 - 74		42.23	45.65	43.02	42.56	37.73	42.82	41.67	41.75	38.69	38.69	36.41	39.99	38.77	39.30	41.70
75 - 79		58.71	60.89	64.62	66.95	67.03	66.91	61.65	60.57	53.53	53.54	53.73	61.01	57.85	53.82	56.14
80+		107.90	116.38	120.68	118.07	112.69	110.43	106.41	111.74	104.89	103.62	99.87	106.01	108.84	103.06	105.25

\* Based on population figures for England and Wales 1976  
(Reference : United Nations Demographic Year-Book 1977)

TABLE 11

MAJOR CAUSES OF INFANT DEATHS 1961, 1969 AND 1975 TO 1979

Disease Group	Detailed List No. 9th Revision(1975)	1961*	1969#	1975#	1976#	1977#	1978#	1979
Meningitis	320, 322	26	22	17	17	18	15	15
Bronchitis	466, 490-491	6	7	8	7	6	1	5
Pneumonia	480 - 486	1,166	340	156	137	114	103	137
Gastroenteritis, colitis & other diarrhoeal disease	558, 009	627	104	34	48	41	23	32
Congenital anomalies	740 - 759	157	264	324	289	328	306	277
Obstetric complications & birth trauma	761-763, 767	47	47	49	46	37	36	16
Haemolytic diseases of newborn	773	97	111	27	29	19	20	22
Hypoxia, birth asphyxia & other respiratory conditions	768 - 770	142	121	141	134	148	172	316
Immaturity	764 - 765	1,142	525	214	192	193	141	95
Other causes of perinatal mortality	760, 766, 771, 772, 774-779	107	28	102	92	73	71	77
Others	Residues of 001 - 999	581	162	101	101	116	46	100
All Causes	001 - 999	4,098	1,731	1,173	1,092	1,093	934	1,092
Total Registered Live-births		108,726	79,329	78,200	76,342	78,807	79,173	82,157

\* Data grouping according to I.C.D. 7th Revision (1955)

# Data grouping according to I.C.D. 8th Revision (1965)

TABLE 12

MAJOR CAUSES OF MATERNAL DEATHS 1961, 1969 AND 1975 TO 1979

Detailed list no. according to 9th(1975) Revision Year	Pregnancy with abortive outcome other than spontaneous or legally induced	Toxaemia of preg- nancy	Haemorrhage of pregnancy & childbirth	Major puerperal infection	Ectopic Pregnancy	Others		Total
						Others	Remainder of 630-676	
	630-632 636-639	642, 643	640, 641 & 666	670	633			
1961*	4	10	17	2	3	14	14	50
1969#	1	2	4	-	1	4	4	12
1975#	-	-	1	-	-	1	1	2
1976#	2	3	5	-	1	3	3	14
1977#	3	1	7	-	1	3	3	13
1978#	-	1	1	-	-	3	3	5
1979	1	-	1	2	3	-	-	7

\* Data grouping according to I.C.D. 7th Revision for the year 1961

# Data grouping according to I.C.D. 8th Revision for the years 1969 &amp; 1975 to 1978

TABLE 13

PROPORTIONATE MORTALITY BY DISEASE GROUP, 1961, 1969 AND 1975 TO 1979  
(As Percentage of Total Deaths)

Disease Group	Detailed List No. 9th Revision	1961	1969	1975	1976	1977	1978	1979
Infective and parasitic	001 - 139	16.2	8.9	4.0	3.3	3.2	3.8	3.2
Neoplasms	140 - 239	12.3	20.6	24.2	23.2	24.1	26.2	23.7
Endocrine, nutritional, metabolic, immunity disorders and blood	240 - 289	0.9	1.6	1.5	1.7	1.6	1.5	1.6
Nervous system, sense organs and mental disorders	290 - 389	0.8#	1.0	0.9	0.8	0.9	0.8	0.7
Circulatory system	390 - 459	18.2	25.0	27.7	28.9	28.7	31.1	29.3
Respiratory system	460 - 519	16.3	13.5	15.8	14.5	15.4	14.4	15.6
Digestive system	520 - 579	7.7	5.8	4.6	5.0	4.8	4.4	4.0
Genitourinary system	580 - 629	2.0	2.2	2.0	2.2	2.2	2.5	3.5
Pregnancy, childbirth and puerperium	630 - 676	0.3	0.0	0.0	0.1	0.1	0.0	0.0
Skin, subcutaneous tissue and musculo-skeletal system	680 - 739	0.2	0.3	0.3	0.4	0.3	0.3	0.2
Congenital anomalies and conditions originating in the perinatal period	740 - 779	8.8	6.3	4.4	3.8	3.7	3.5	3.2
Symptoms, signs and ill-defined conditions	780 - 799	10.4	10.0	7.9	8.0	7.5	7.4	7.1
External causes of injury and poisoning	E800 - E999	5.9	4.8	6.7	8.1	7.5	5.1	7.9

# Excluding Cerebrovascular Disease (formerly Vascular Lesion Affecting Central Nervous System under the Nervous System and Sense Organs) : 7.5% in 1961

TABLE 14

THE TEN LEADING CAUSES OF DEATH BY AGE AND SEX 1979

Rank	Cause of Death	Detailed List No. 9th Revision	Sex	Age Group									
				All Ages	0	1-4	5-14	15-44	45-64	65+	Unknown		
	All cause	001-999	M F X T	14,581 11,575 23 26,179	634 458 - 1,092	164 164 - 328	154 132 - 286	1,963 809 1 2,773	5,348 2,601 - 7,949	6,261 7,396 - 13,657	57 15 22 94		
1	Malignant neoplasms	140-208	M F T	3,774 2,429 6,203	4 3 7	10 4 14	29 27 56	424 242 666	1,950 957 2,907	1,357 1,196 2,553	- - -		
2	Heart diseases, including hypertensive heart disease	390-429	M F T	2,321 1,989 4,310	- 2 2	1 3 4	5 7 12	117 62 179	845 420 1,265	1,353 1,495 2,848	- - -		
3	Cerebrovascular disease	430-438	M F T	1,541 1,704 3,245	- 1 1	1 1 2	5 - 5	59 36 95	576 372 948	900 1,294 2,194	- - -		
4	Pneumonia, all forms	480-486	M F T	1,263 1,180 2,443	82 55 137	58 52 110	17 20 37	91 23 114	320 86 406	695 944 1,639	- - -		
5	Injury and poisoning	800-999	M F T	1,363 703 2,066	21 14 35	36 33 69	74 39 113	713 230 943	339 167 506	170 219 389	10 1 11		
6	Bronchitis, chronic and unspecified, emphysema and asthma	490-493	M F T	540 361 901	- 3 3	3 1 4	- 1 1	20 9 29	211 83 294	306 264 570	- - -		

TABLE 14 THE TEN LEADING CAUSES OF DEATH BY AGE AND SEX 1979 (CONT'D)

Rank	Cause of Death	Detailed List No. 9th Revision	Sex	Age Group							
				All Ages	0	1-4	5-14	15-44	45-64	65+	Unknown
7	Nephritis, nephrotic syndrome and nephrosis	580-589	M F T	400 369 769	- - -	1 - 1	2 8 10	64 42 106	142 109 251	191 210 401	- - -
8	Certain conditions originating in the perinatal period	760-779	M F T	315 211 526	315 211 526	- - -	- - -	- - -	- - -	- - -	- - -
9	Tuberculosis (including late effects of tuberculosis)	010-018, 137	M F T	407 116 523	- 1 1	1 3 4	2 - 2	48 10 58	182 29 211	174 73 247	- - -
10	Chronic liver diseases and cirrhosis	571	M F T	287 96 383	- - -	- - -	- - -	35 5 40	187 38 225	65 53 118	- - -
	Diabetes mellitus	250	M F T	136 209 345	- - -	- - -	- - -	2 4 6	53 79 132	81 126 207	- - -
	Congenital anomalies	740-759	M F T	184 141 325	156 121 277	17 13 30	3 3 6	8 2 10	- 2 2	- - -	- - -
	All other causes	Residue of 000-999	M F X T	2,050 2,067 23 4,140	56 47 - 103	36 54 - 90	17 27 - 44	382 144 1 527	543 259 - 802	969 1,522 - 2,491	47 14 22 83

Table 14(a) SUPPLEMENTARY CLASSIFICATION OF EXTERNAL CAUSES OF INJURY AND POISONING 1979

External Cause of Death	Detailed List No. 9th Rev.	Sex	Age Group										
			All Ages	0	1-4	5-14	15-44	45-64	65+	Unknown			
All accidents, poisonings and violence	E800-E999	M F T	1,371 706 2,077	21 14 35	36 33 69	74 39 113	716 230 946	342 168 510	172 221 393	10 1 11			
Transport accidents	E800-E848	M F T	351 184 535	- 1 1	3 1 4	29 17 46	171 35 206	96 52 148	52 78 130	- - -			
Accidental poisonings	E850-E869	M F T	35 8 43	- - -	1 - 1	2 1 3	24 4 28	6 1 7	2 2 4	- - -			
Other accidents, misadventures & adverse effect	E870-E949	M F T	509 180 689	18 13 31	31 32 63	39 17 56	283 48 331	93 35 128	39 34 73	6 1 7			
Suicide and self-inflicted injury	E950-E959	M F T	369 292 661	- - -	- - -	1 - 1	169 124 293	132 69 201	67 99 166	- - -			
Homicide and injury purposely inflicted by other persons	E960-E969	M F T	35 14 49	2 - 2	1 - 1	3 3 6	17 5 22	7 5 12	5 1 6	- - -			
Other violence	E970-E999	M F T	72 28 100	1 - 1	- - -	- 1 1	52 14 66	8 6 14	7 7 14	4 - 4			