





HONG KONG

# ANNUAL DEPARTMENTAL REPORT

FINANCIAL YEAR 1978-79

# 1978-79

**DIRECTOR OF MEDICAL  
AND HEALTH SERVICES**

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1/24



1978-79

REPORT OF THE DIRECTOR OF MEDICAL AND HEALTH SERVICES FOR THE YEAR ENDED 31ST MARCH 1979

ANNUAL  
DEPARTMENTAL  
REPORT

\$70,000.00

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\$10,000.00

\$10,000.00

1978-79

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\$12,207.20

DIRECTOR OF MEDICAL  
AND HEALTH SERVICES

The Medical and Health Department is responsible for administering services which provide medical and health care for the community of Hong Kong. To provide a good quality service, a staff establishment of 15,116, 930 of which 930 were medical staff of all grades and 5,274 were nursing staff and related in 1978.

### HONG KONG

## ANNUAL DEPARTMENTAL REPORT

BY THE

DIRECTOR OF  
MEDICAL AND HEALTH SERVICES

K. L. THONG, JP,  
MB, BS (HK), FFCM (UK),  
DPH (Malaya)

FOR THE

FINANCIAL YEAR 1978-79\*

#### General

The estimated mid-year population of Hong Kong in 1978 was 4.8 million, an increase of 1.2% on the previous year. About 20% were under 15, and 5.5% were aged 65 years and over. Despite a gradually aging population, the rate of health indicators remained favourable and reflected the high standard of medical and health services.

#### Birth Rate

The crude birth rate was 17.2 per thousand population, as compared with 17.5 for 1977.

#### Infant Mortality Rate

The infant mortality rate was 12.2 per thousand live births, a marked improvement over the 13.5 per thousand live births recorded in 1977. This was due to the continuing improvement in the delivery of health services and partly to the improvement in social and environmental conditions.

\* 1 April 1978—31 March 1979

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 BY THE  
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 FOR THE  
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I. ADMINISTRATION  
 (Tables 1 - 6)

The Medical and Health Department is responsible for administering services which provide medical and health care for the community of Hong Kong. To provide a good quality service, a staff establishment of 16,391 of which 990 were medical staff of all grades and 6,259 were nursing staff was needed in 1978.

The Department's expenditure for the financial year was \$958 million which represented 8.6% of the total public expenditure of Hong Kong.

Six statutory councils and boards deal with the registration of doctors, dentists, nurses and midwives and to handle 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 service.

II. VITAL STATISTICS  
 (Tables 7 - 20)

General

The estimated mid-year population of Hong Kong in 1978 was 4.61 million, an increase of 2.0% compared with the previous year. About 28% were under 15, and 5.9% 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 17.2 per thousand population, as compared with 17.5 for 1977.

Infant Mortality Rate

The infant mortality rate was 11.8 per thousand live births, a marked improvement over the 13.9 in 1977. The rate is lower than many European and American countries. This decline 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 congenital anomalies, prematurity, asphyxia and pneumonia.

Figure 1 shows the infant and neo-natal mortality rates for the past 17 years.

/Maternal .....

Maternal Mortality

The maternal mortality rate dropped to 0.06 per thousand total births in 1978 as compared with 0.16 in 1977. The main causes of maternal mortality were sepsis, toxaeemias and haemorrhages.

General Mortality

The crude death rate was 4.96 per thousand population. Figure 2 shows the age and sex specific death rates in 1978.

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

III. COMMUNICABLE DISEASES

(Tables 21 - 25)

The total number of notifications of communicable diseases during 1978 was 10,479. Tuberculosis comprised 63.2% of the total.

The incidence of major infectious diseases in the past 15 years is shown in Figure 3.

Enteric Fever

The number of cases reported decreased from 389 in 1977 to 369 in 1978. 35% of the cases occurred in young adults aged 15-24 years. A total of 12 typhoid carriers were detected on investigation.

Bacillary Dysentery

The number of cases increased slightly from 322 in 1977 to 406 in 1978. 34% of the cases occurred in children under five as compared to 22% in 1977. A total of 93 carriers were detected on investigation.

Measles

A total of 240 notifications with 1 death 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 15 years are shown in Figure 4.

Cholera

2 cholera cases were reported in 1978. Precautionary and control measures were taken to prevent the spread of the disease.

/Viral .....

Viral Hepatitis

A total of 1,230 cases with 47 deaths were notified. 24.6% of the cases were in the age group 15-24 years and the male to female ratio was 2 to 1.

Food Poisoning

A total of 204 outbreaks were reported with 543 persons affected. There were no major outbreaks.

Malaria

Practically all 47 cases were imported.

Influenza and Respiratory Viruses

Since the epidemic of influenza A/USSR/90/77 (H1N1) virus last year, a further outbreak was recorded in June - September 1978. The influenza A (H3N2) virus prevalent from 1968 to 1977 was detected once in January 1978. Influenza B occurred sporadically in the last quarter of the year. There was an increase of respiratory illness caused by Mycoplasma Pneumoniae. A total of 34 laboratory-confirmed cases was recorded in 1978 as compared with 2 cases in 1976 and 1977.

Rubella

Consequent to an outbreak of rubella in the spring of 1977, vaccination was given to girls aged 11 to 14 years and women of child-bearing age as from September, 1978 onwards. Occurrence has been sporadic since 1977.

IV. HEALTH SERVICES

(Tables 26 - 40)

Tuberculosis and Chest Service

The tuberculosis death rate further-decreased from 11.8 in 1977 to 9.1 per 100,000 population. The notification rate dropped from 159 per 100,000 population in 1977 to 144 in 1978. Figures 5 and 6 show the mortality and notification rates by age and sex in 1968 and 1978. 3.2% of the cases notified in 1978 were under the age of 15.

Attendances at government chest clinics remained at a high level of 1.11 million.

During the year 98% 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 4,601 as compared with 5,018 in the previous year, a decrease of 8%. Approximately 2.9% of the cases came from the teenage group. The common venereal diseases were gonorrhoea (45%), syphilis (27%) and non-gonococcal urethritis (18%).

0.58% of the expectant mothers showed an initially positive serology but only 0.36% were found to be suffering from syphilis.

Figures 8 and 9 show the incidence of syphilis and gonorrhoea from 1964 to 1978.

New cases of leprosy numbered 74, representing a rate of 1.6 per 100,000 population.

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

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. For maternal and child service, there are a total of 38 centres, 23 of which are full-time and the rest are part-time centres 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 1978, over 90% of all newborns were brought to a centre for attention and advice on at least one occasion. Approximately 1% of new attendances were found to have 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. Hitherto, over 50,000 children in the 0 - 5 age group have been covered.

The total attendance was 1.6 million, a decrease of 0.3% over that of 1977.

Industrial Health Service

The Service advises on matters affecting the health and safety of workers. There were 913 cases of decompression sickness and one case of trichloroethylene poisoning. Among the non-notifiable occupational diseases, 234 cases of silicosis and 1 case of gasing were recorded.

550 field 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 6,860 laboratory analyses were conducted, including chemical analysis and urinalysis of government employees exposed to particular hazards.

There were 89,179 occupational injuries. In addition 278 occupational deaths were recorded. Industrial health officers participated in medical boards to assess the disability of 22,262 injured workers in relation to the Workmen's Compensation Ordinance.

Port Health

The Port Health Service enforces health control at the Airport and Port 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 Airport and Port, 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 influx of Vietnamese refugees has put a heavy strain on the Service but there has been no major outbreak of communicable diseases at the refugee camps.

In 1978, 4,445 ships arriving in Hong Kong were cleared. The number of vaccinations given at port health inoculation centres totalled 105,250.

Health Education

A Central Health Education Unit was established in April, 1978. 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.

A Health Education Co-ordinating Committee was also established to advise on programmes of activities and decide 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 1978, including subjects on personal health, communicable diseases control, health of the elderly, hypertension and eye-care.

V. HOSPITAL SERVICES

(Tables 41 - 53)

At the end of 1978, a total of 20,135 hospital beds were available in Hong Kong, excluding those maintained by the armed forces. These were made up as follows: 9,380 government, 8,347 government-assisted and 2,408 private, giving a ratio of 4.4 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 the treatment most appropriate to their clinical conditions. Though demand for services at the two regional hospitals (Queen Elizabeth Hospital and Queen Mary Hospital) remains high, congestion has been relieved and bed occupancy rates of district hospitals have been brought to an optimum level of over 80%. The Princess Margaret Hospital which became fully operational in 1977 has eased to a certain extent the demand for services at Queen Elizabeth Hospital.

Casualty attendances at government hospitals totalled 548,153, an increase of 8.4% compared with the previous year; the number of in-patients treated was 298,808, an increase of 6%.

VI. CLINIC SERVICES  
(Tables 54 - 64)

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 4.27 million, an increase of 2.4% compared with the previous year while specialist attendance was 7.84 million, an increase of 2%. 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

3,689 new attendances were recorded at government psychiatric clinics. This represented a significant increase of 11% over 1977.

In 1978, 596 patients were treated at 5 psychiatric day centres supplementing in-patient services at the hospitals. The day-centres are proving to be very popular.

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 1978 was 229,037, a decrease of 15% over 1977. 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 outpatient departments. 15 corneal transplantations were done during the year. The number of persons first registered as blind was 698, compared with 572 in 1977.

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 rural and urban areas and total out-patient attendance was 60,562, a decrease of 2% from 1977. Minor surgery is 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 continued to drop from 12.2% in 1977 to 10.8% in 1978 for government maternity homes and from 4% to 3.3% for private maternity homes. This is attributable to a growing affinity of expectant mothers for hospital-based deliveries.

School Medical Service

On 31st March 1979 the number of pupils participating totalled 132,022 from 768 schools, compared with 111,494 from 747 schools in 1978. Medical practitioners taking part in the scheme numbered 211 compared with 202.

Registration of Clinics

There were 82 registered static clinics, one registered mobile clinic in the charge of registered medical practitioners, and 315 clinics registered with exemption making a total of 398 on 31st March 1979.

VII. SPECIAL SERVICES  
(Table 65 - 70)

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 administers mortuaries and blood banks. A total of 4.56 million examinations was undertaken by the Institute. This represented an increase of 17% 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.

48,372 pints of blood were received of which 48,180 were collected by the Red Cross.

Two cases of cholera were detected in the summer of 1978. The causative agent identified was *Vibrio cholerae*, biotype El Tor, serotype Ogawa. Prompt action was undertaken to prevent further spread of the disease.

8% of the donated blood were found to be positive for hepatitis B surface antigen as compared with 6% of the previous year.

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 services. The division operates from hospitals, polyclinics, clinics and mobile radiography units. 825,220 examinations were performed which is an increase of 9.2% 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 more than 90% of patients requiring the service. It also operates a Cancer Registry. The number of patients with malignant diseases treated was 4,110, an increase of 8% compared with 1977.

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 234 operating sessions a week and 8 emergency operating theatres on a 24-hour basis. 58,213 operations were done under anaesthesia in 1978, an increase of 1.4% compared with 1977. With Princess Margaret Hospital in full operation, anaesthetic service has become more accessible to smaller hospitals 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. This 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 592 autopsies, 834 clinical examinations and blood groupings and 3,392 laboratory examinations in 1978.

VIII. OTHER SERVICES

(Tables 71-76)

Nursing

The total establishment of the nursing and allied grades is 6,259, an increase of 4% over last year's establishment. This included staff for the Comprehensive Observation Scheme, the Central Health Education Unit, the Pneumoconiosis Scheme, and training reserves.

There are five grades in the medical division - Registered Nurse (General), Registered Nurse (Psy.), Enrolled Nurse (General), Enrolled Nurse (Psy.) and Midwives, while in the health division there are three other grades - Health Visitors, Health Auxiliaries and Inoculators. The structure of the Health Nursing Class is being reviewed by the Medical Development Advisory Committee and is likely to be re-organised.

Local training facilities are available for seven of these grades. Hong Kong residents who have received relevant training in UK are also recruited through the Hong Kong Government Office in London.

In 1978, the Nursing Service benefitted by the return of nursing personnel who had successfully completed overseas training courses in nursing administration, nursing education, dietetics, geriatric nursing, cardio-thoracic nursing and intensive care nursing.

A pilot scheme in Community Nursing run by the subvented sector has been evaluated by the Medical Development Advisory Committee and the Service would be recognised as an integrated part of the government's medical and health services.

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 256 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, 4,767 premises were inspected and 85 prosecutions were initiated. Of the 50 candidates who sat for the examinations for the registration of pharmacists, 12 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, and narcotics. The number of cases handled was 68,949. 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 1978, 120,734 patients (of which 66,860 were new patients) received 1,198,333 treatments, an increase of 14% both in terms of patients and treatments.

Occupational Therapy

There were altogether 14 units in the service which has a staff of 106. In 1978, 12,433 patients were given a total of 679,399 treatments, representing increases of 2.7% in terms of patients and 3.6% in terms of treatments in comparison with 1977.

Prosthetic-Orthotics

Increases in the number of industrial and traffic accidents have added to the rising demand on the Prosthetic-Orthotic Service. In 1978, 7,080 patients were treated with a total attendance of 16,862.

Narcotics and Drugs

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

Four methadone maintenance centres and 17 methadone detoxification centres cater for the demand for treatment facilities. In 1978, new admissions to the maintenance and detoxification centres were 1,047 and 1,866 respectively.

/ IX. TRAINING .....

IX. TRAINING PROGRAMMES

(Tables 77 - 79)

Medical Staff

Higher professional examinations were held in Hong Kong in 1978 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.

In 1978, 51 government doctors received overseas training. 16 were sponsored by the government.

Dental Staff

Training in dentistry is not yet available locally until the Dental School at the Hong Kong University commences its first intake of students in 1980. In 1978, three dental scholarships were awarded by the government for dental training overseas. Hitherto, 91 candidates out of the 114 scholarships awarded in the past years have completed their professional training and returned.

Nursing Staff

710 general and 173 psychiatric student nurses were undergoing three-year courses leading to registration with the Nursing Board of Hong Kong. For the two-year courses leading to Enrolment with the Nursing Board, there were 109 general and 49 psychiatric pupil nurses.

105 registered nurses were taking one-year post-basic training in midwifery to registration with the Midwives Board of Hong Kong. Two registered nurses (general) have successfully completed an 18-month post-basic course in psychiatric nursing.

25 registered nurses are currently participating in a one-year post-basic course in health nursing. Also, 10 enrolled nurses have completed a 6-month course basic health nursing.

Government Hospitals' School of General Nursing and the Community Nursing Service jointly organised a 4-month course in Community Nursing for enrolled nurses in December 1978. Eight enrolled nurses who completed the course will form the nucleus of the new Community Nursing Service.

In-service training courses include renal nursing, ophthalmic nursing, obstetric nursing, health nursing and psychiatric nursing.

Para-medical Staff

There were 59 student dispensers, 8 student dental technicians, 36 student medical laboratory technicians, 31 student physiotherapists, 5 student prosthetists and 39 student radiographers undergoing training in the respective fields. During the year, 3 student dispensers, 9 student medical laboratory technicians, 9 student physiotherapists and 5 student radiographers graduated.

Progress on Localisation

The Medical and Health Department is the most localised of all government departments. Overseas recruitment is resorted to only if expertise is not available locally - physiotherapists and occupational therapists being cases in point. 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 in future be greatly enhanced. The Dental School to be established in 1980 at the Hong Kong University will ensure a continuous local supply of dentists.

X. MEDICAL DEVELOPMENT

(Table 80)

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 will be published in 1979.

During the year, the MacLehose Dental Centre in Morrison Hill was completed. It accommodates a training school for dental therapists, a dental clinic, a school dental clinic and the new head office of the Dental Service. Preliminary foundation work for the Dental Teaching Hospital was completed during the year. Construction of the super-structure will soon commence.

The operating theatre of Tang Shiu Kin Hospital was improved to enable a wider range of operations to be undertaken.

An extension to Yan Chai Hospital providing 50 beds and staff quarters was completed in March 1979. A second phase of development will soon commence.

An 13-storey extension of the Caritas Medical Centre began operation in 1979. It comprises 576 beds for the geriatric and mentally-handicapped and supportive ancillary facilities.

A new block for the Nam Long Hospital including offices, quarters and staff canteen was completed in May 1978.

There has been steady progress for projects already in the Public Works Programme. The 1300-bed psychiatric wing of Princess Margaret Hospital will be completed in 1980. Construction of the super-structure of the 1400-bed Sha Tin Hospital will soon start. Preliminary planning is being done for the Tuen Mun Hospital (to be completed by 1984/85) to serve west New Territories.

The second medical school to be established at the Chinese University of Hong Kong will have its first intake of pre-clinical students in 1981 and the school will eventually produce 100 doctors a year. The new Sha Tin Hospital will be the teaching hospital. Two more nurse training schools are also planned over the next five years.

The 10-year Medical Development Plan (to be published soon) includes recommendations for three major government hospitals of over 1,000 beds each to be constructed in east Kowloon, Shau Kei Wan and Tai Po. Together with other newly recommended projects, there will be 40 major building projects in the 10-year Medical Development Plan. Generally, priority is accorded to New Towns and densely populated areas.

XI. ACKNOWLEDGEMENTS

I would like to record my heartiest appreciation to the staff at all levels for their invaluable contribution in dealing with the many problems large and small which the Department had to face in the year under review. Despite much pressure and difficult circumstances, all carried out their duties efficiently and effectively with true devotion and dedication. I am most grateful to their unflinching support.

The Department received every assistance and co-operation from other Government departments, voluntary agencies, the press, the radio and television networks.

I wish to express my gratitude to the many public spirited persons who have devoted much of 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.

Finally, I acknowledge with thanks the contributions of private individuals, and local and overseas organisations who have assisted the Department in providing facilities for those in need of medical care. With the Medical Development Programme in full gear there will be challenging years ahead. However 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. John F. Kennedy Centre (a centre for physically handicapped children) A1
- j. Nam Long Hospital (a cancer hospital) A2
- k. Ruttonjee Sanatorium (a tuberculosis hospital) A1
- l. Sandy Bay Convalescent Hospital A1
- m. Tung Wah Hospital (a general hospital with general out-patient facilities) A1
- n. Tung Wah Eastern Hospital (a general hospital with general out-patient facilities) B1

PRIVATE HOSPITALS

- o. Canossa Hospital (a general hospital) A1
- p. Hong Kong Adventist Hospital (a general hospital) A1
- q. Hong Kong Central Hospital (a general hospital) A1
- r. Hong Kong Sanatorium and Hospital (a general hospital) A1
- s. Matilda and War Memorial Hospital (a general hospital) A1
- t. 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 detoxification centre) 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 detoxification centre) 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 Treatment Centre 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, Li Po Chun Chambers 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 detoxification centre) A1

18. Wan Chai Clinic (dental clinic, chest clinic and physiotherapy department) A1

19. Western Dental Clinic A1

PRISON HOSPITALS/TREATMENT CENTRES

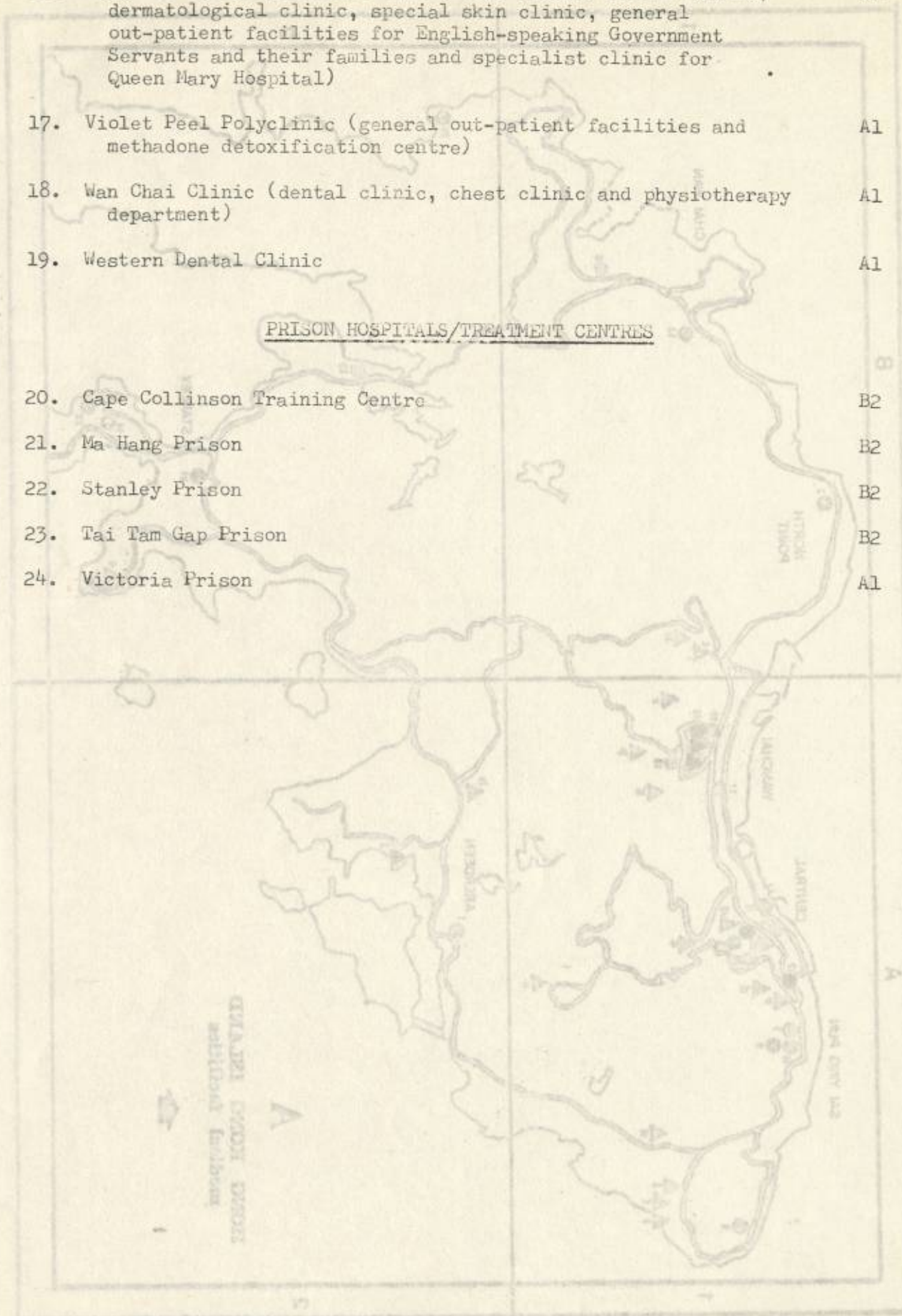
20. Cape Collinson Training Centre B2

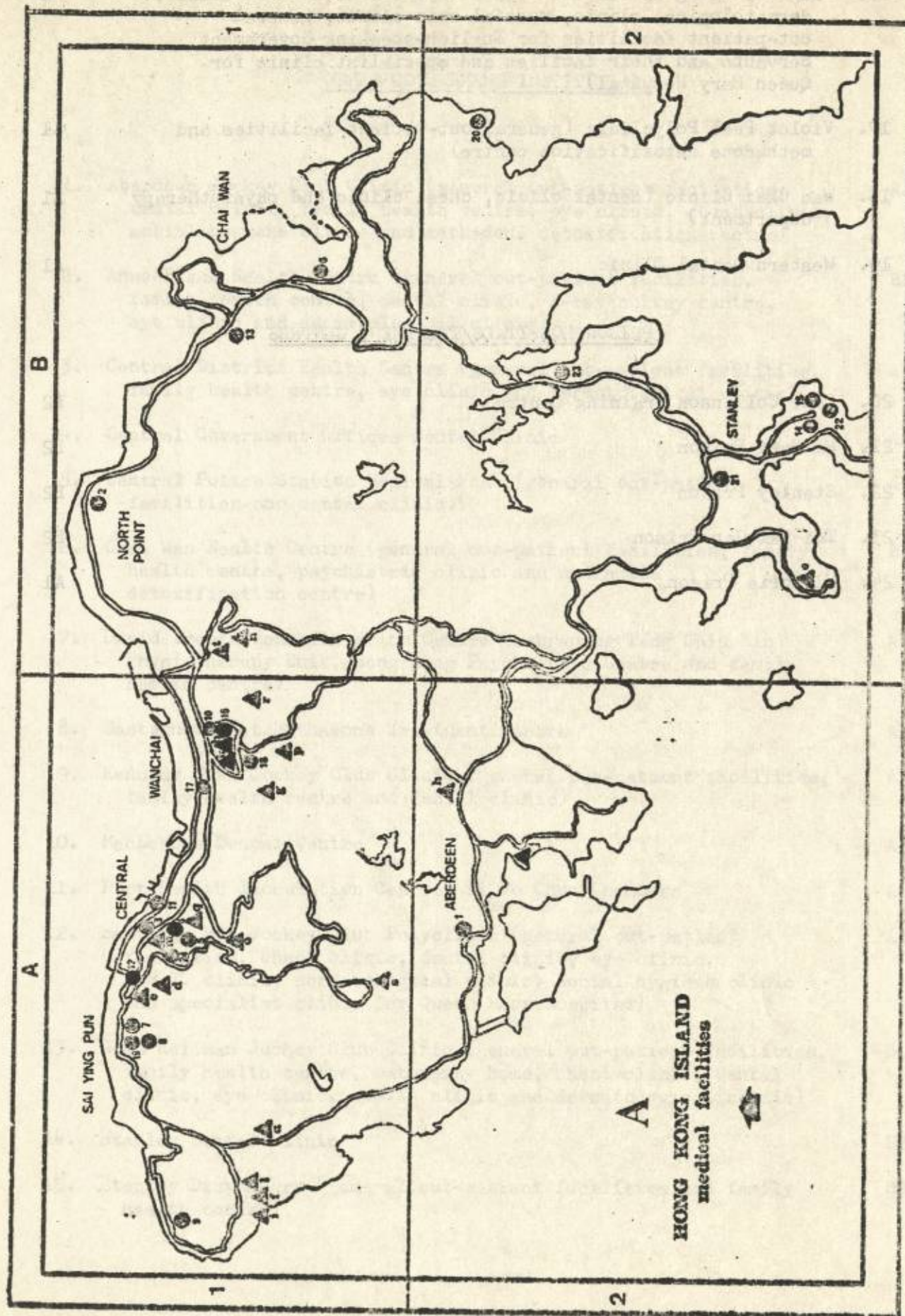
21. Ma Hang Prison B2

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 |

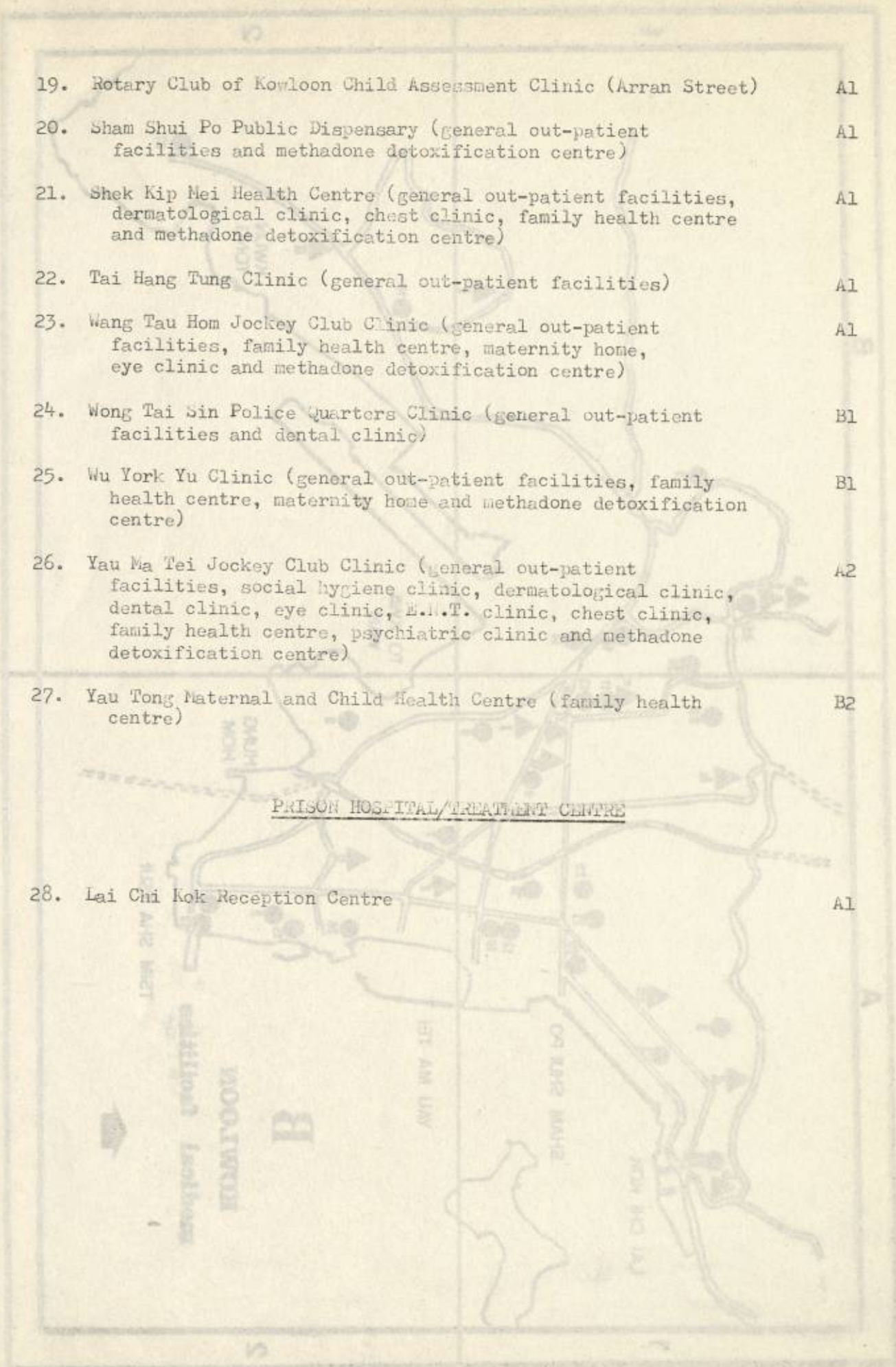
PRIVATE HOSPITALS

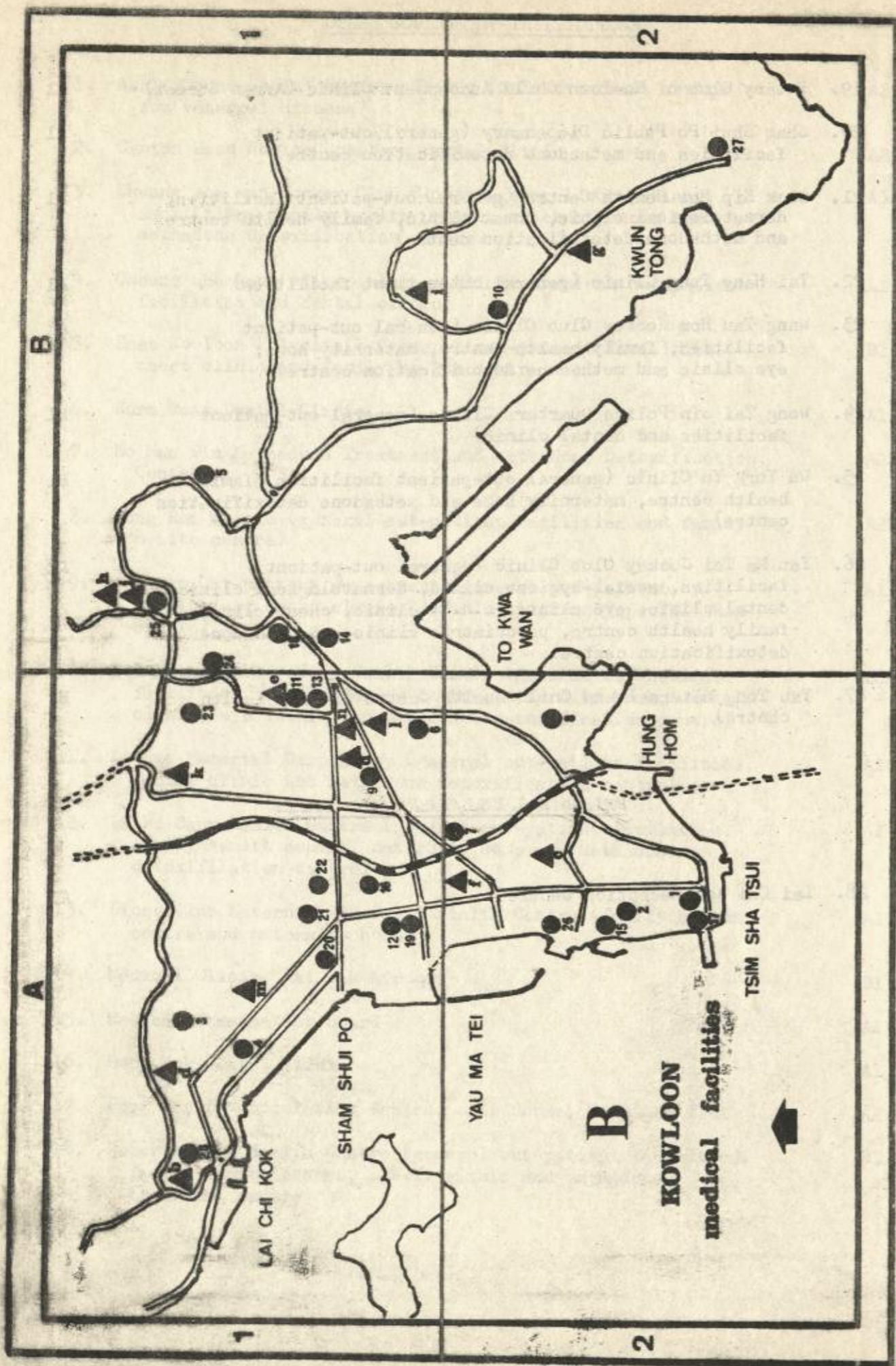
- |   |    |
|---|----|
| k. Baptist Hospital (a general hospital)        | A1 |
| l. Evangel Medical Centre (a general hospital)  | A1 |
| m. Precious Blood Hospital (a general hospital) | A1 |
| n. St. Teresa's Hospital (a general hospital)   | A1 |

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 detoxification centre) 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 Treatment and Methadone Detoxification Centre 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, dental 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 detoxification centre) B2
11. Li Kee Memorial Dispensary (general out-patient facilities, dental clinic and methadone detoxification centre) A1
12. Li Po Chun Health Centre (general out-patient facilities, family health centre, maternity home and methadone detoxification centre) 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, D.N.T. clinic and methadone treatment centre) B1

19. Rotary Club of Kowloon Child Assessment Clinic (Arran Street) A1
20. Sham Shui Po Public Dispensary (general out-patient facilities and methadone detoxification centre) A1
21. Shek Kip Mei Health Centre (general out-patient facilities, dermatological clinic, chest clinic, family health centre and methadone detoxification centre) 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 detoxification centre) 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 detoxification centre) B1
26. Yau Ma Tei Jockey Club Clinic (general out-patient facilities, social hygiene clinic, dermatological clinic, dental clinic, eye clinic, E.N.T. clinic, chest clinic, family health centre, psychiatric clinic and methadone detoxification centre) A2
27. Yau Tong Maternal and Child Health Centre (family health centre) B2
28. Lai Chi Kok Reception Centre A1





C

NEW TERRITORIES  
GOVERNMENT HOSPITALS

- a. Castle Peak Hospital (a mental hospital) A1
- b. Fanling Hospital (a general hospital) 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 subnormal) 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 retarded) 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

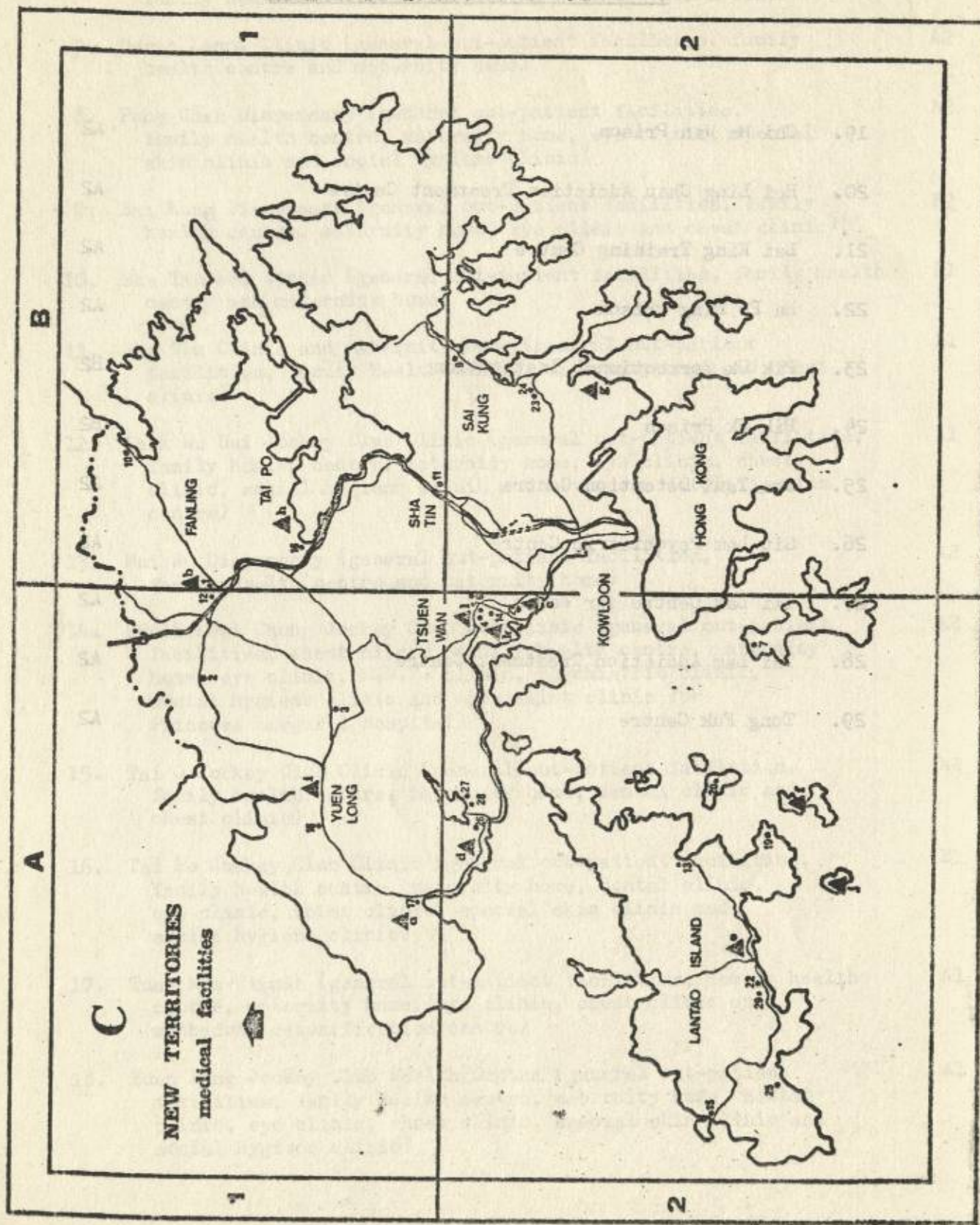
PRIVATE HOSPITAL

- l. 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 treatment centre) A2
- 5. Maurine Grantham Health Centre (family health centre and maternity home) A2





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FIGURE 1

INFANT AND NEO-NATAL MORTALITY RATE 1962-78

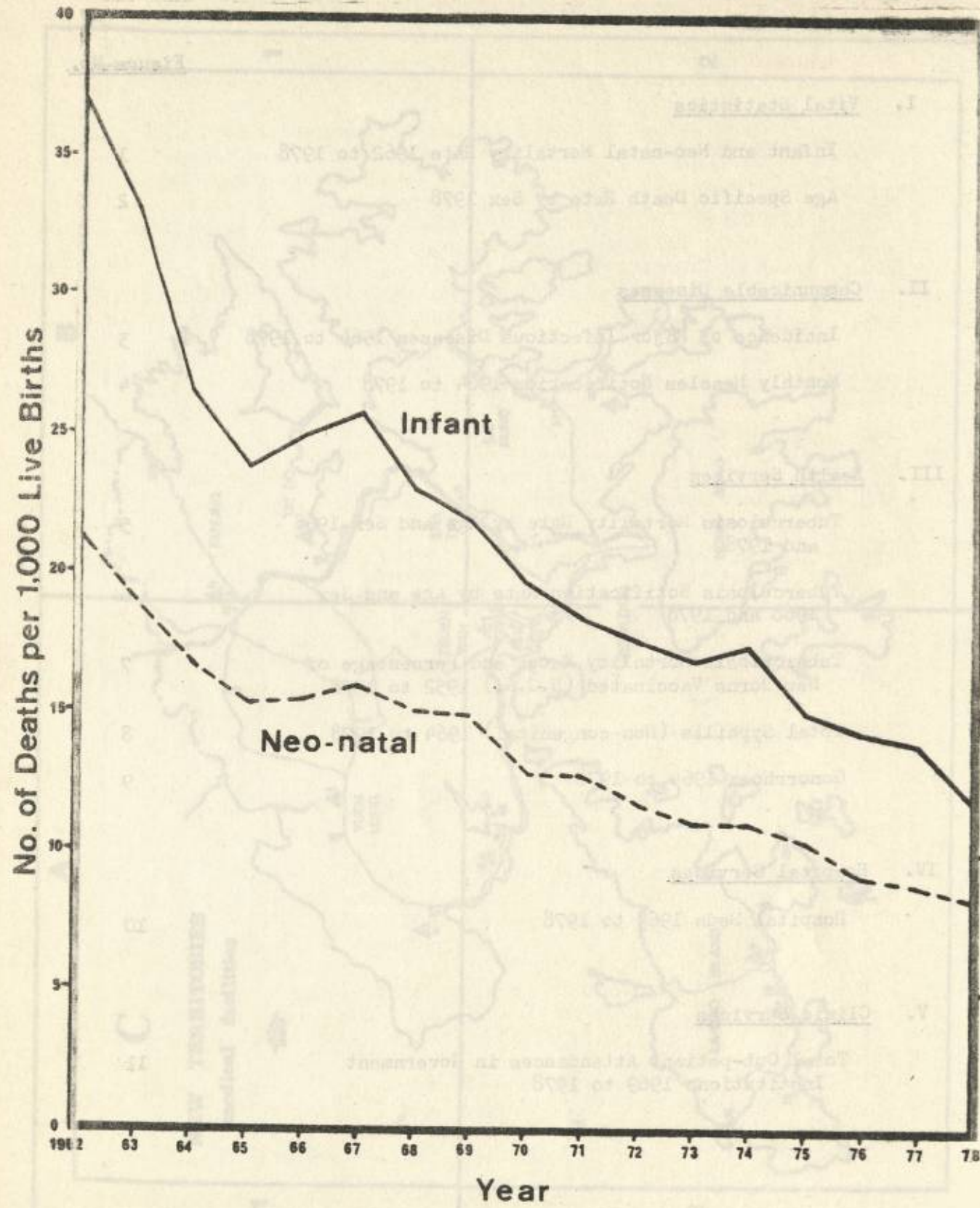
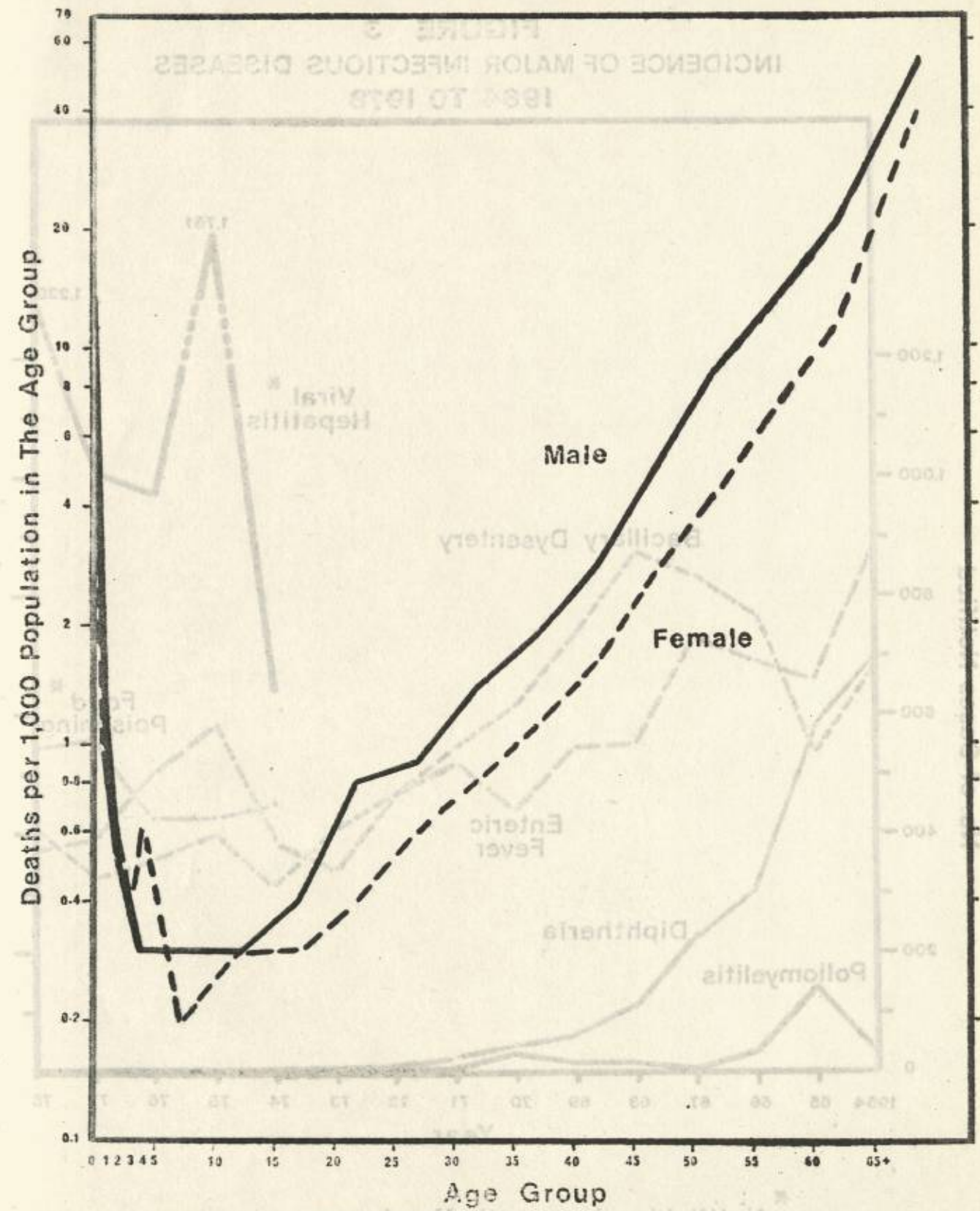
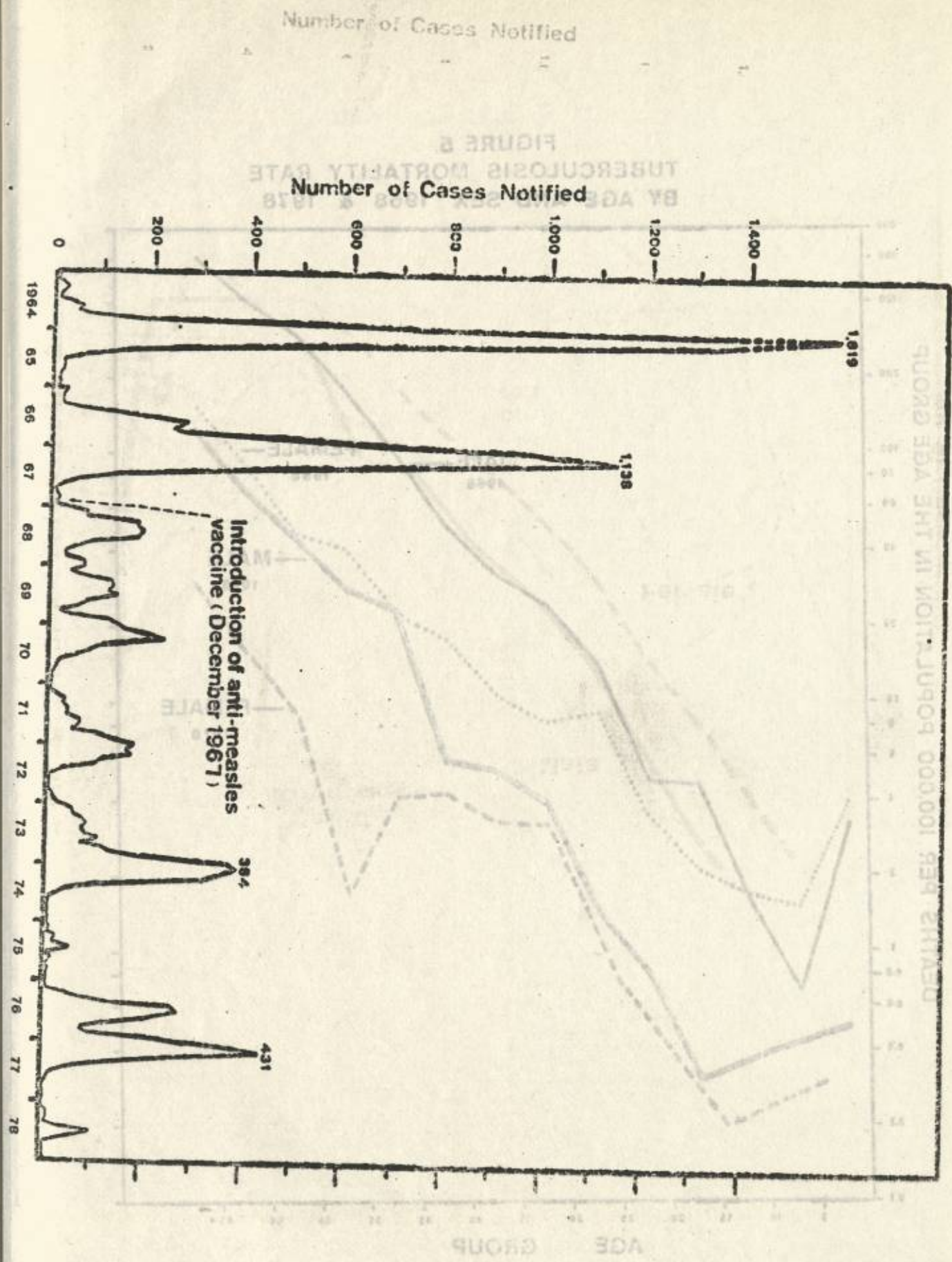
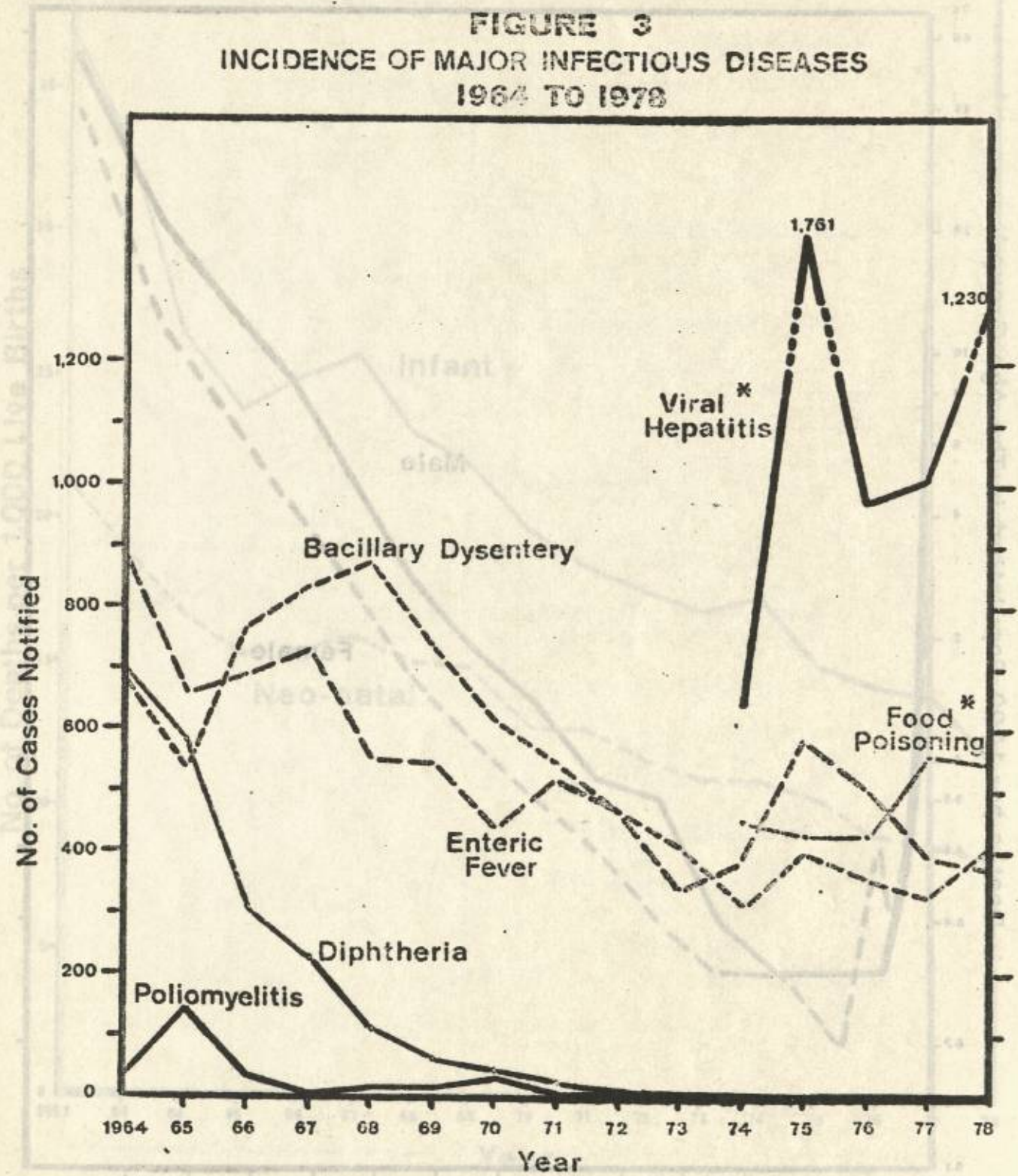


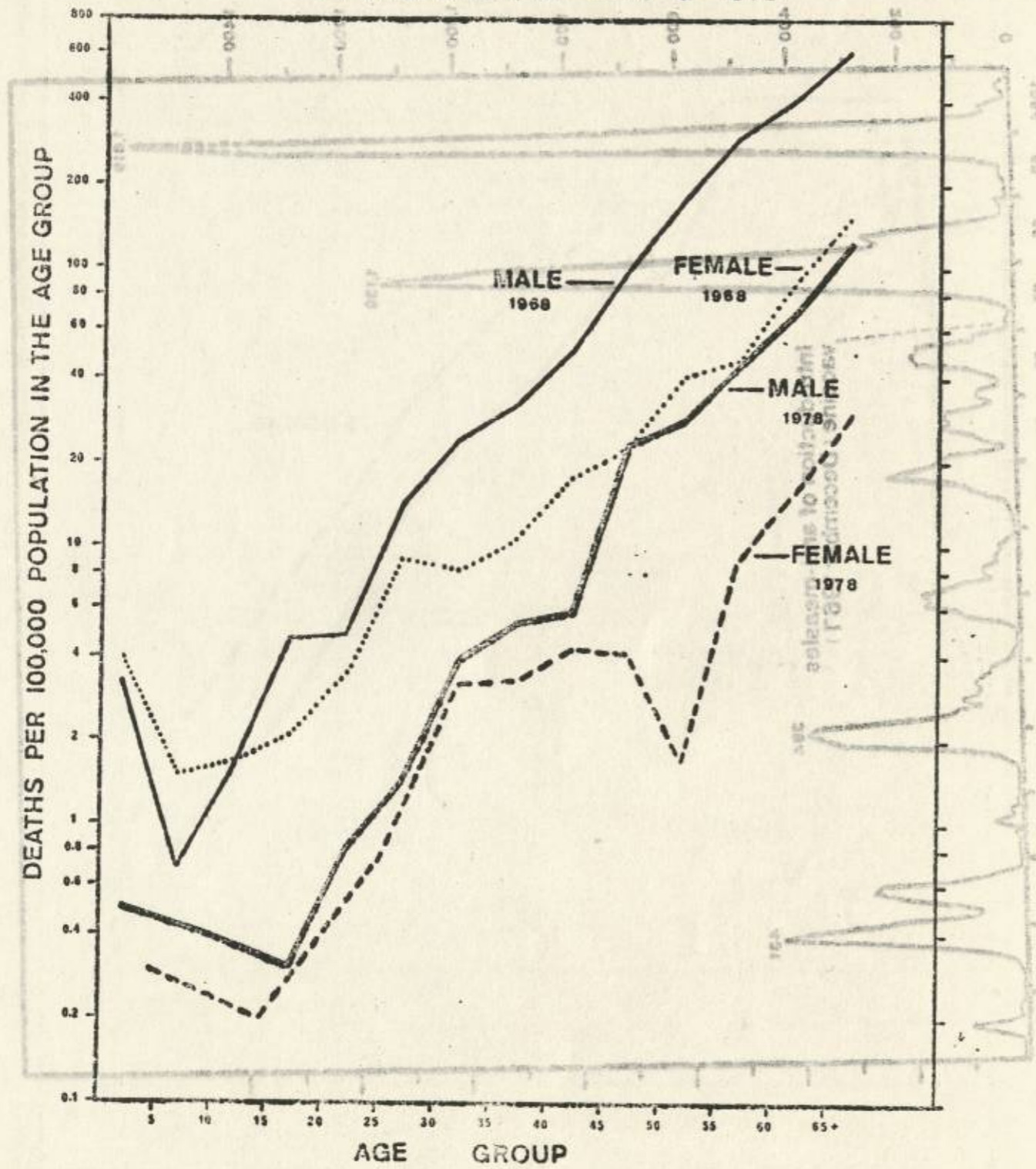
FIGURE 2

AGE SPECIFIC DEATH RATE BY SEX 1978

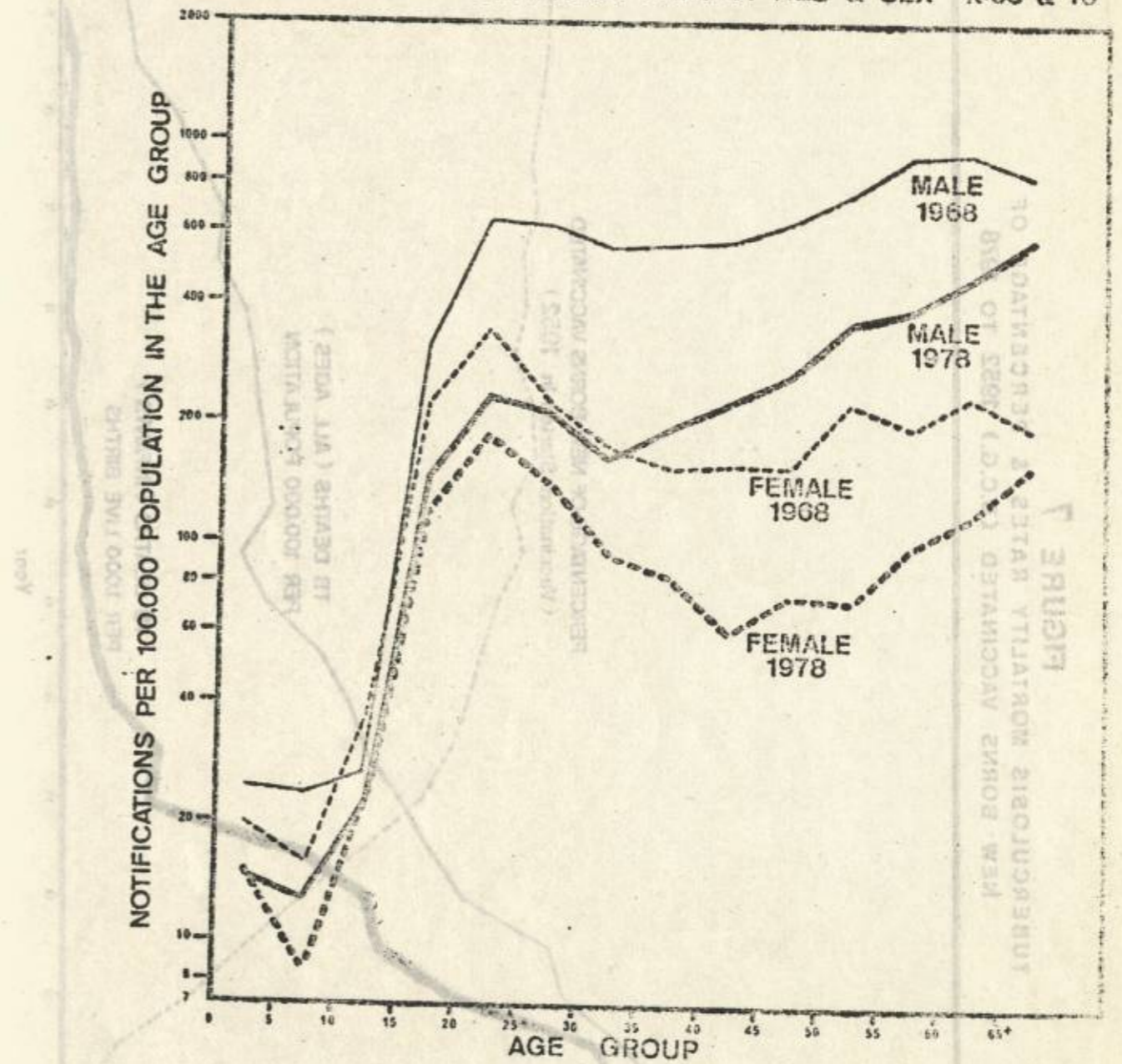




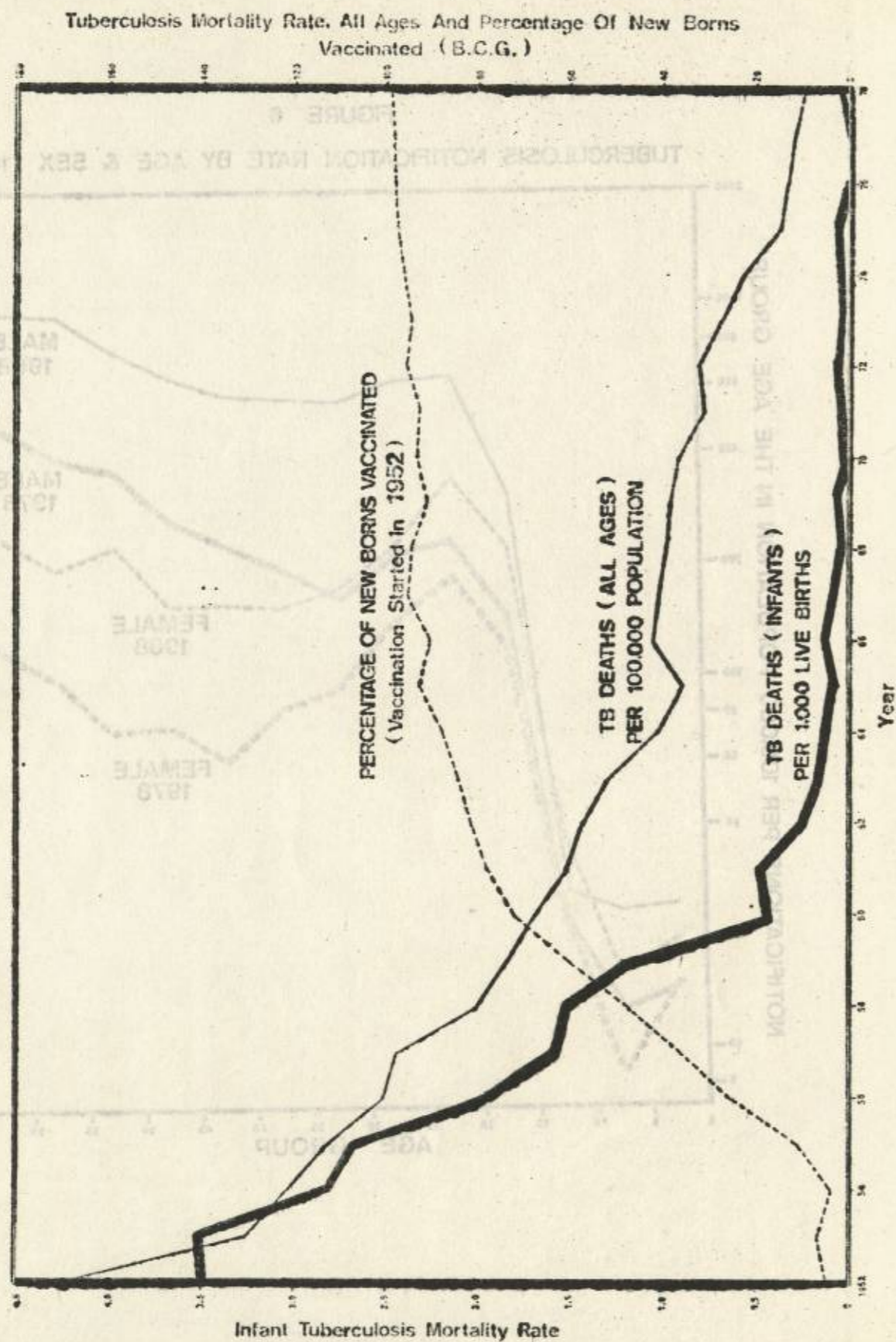
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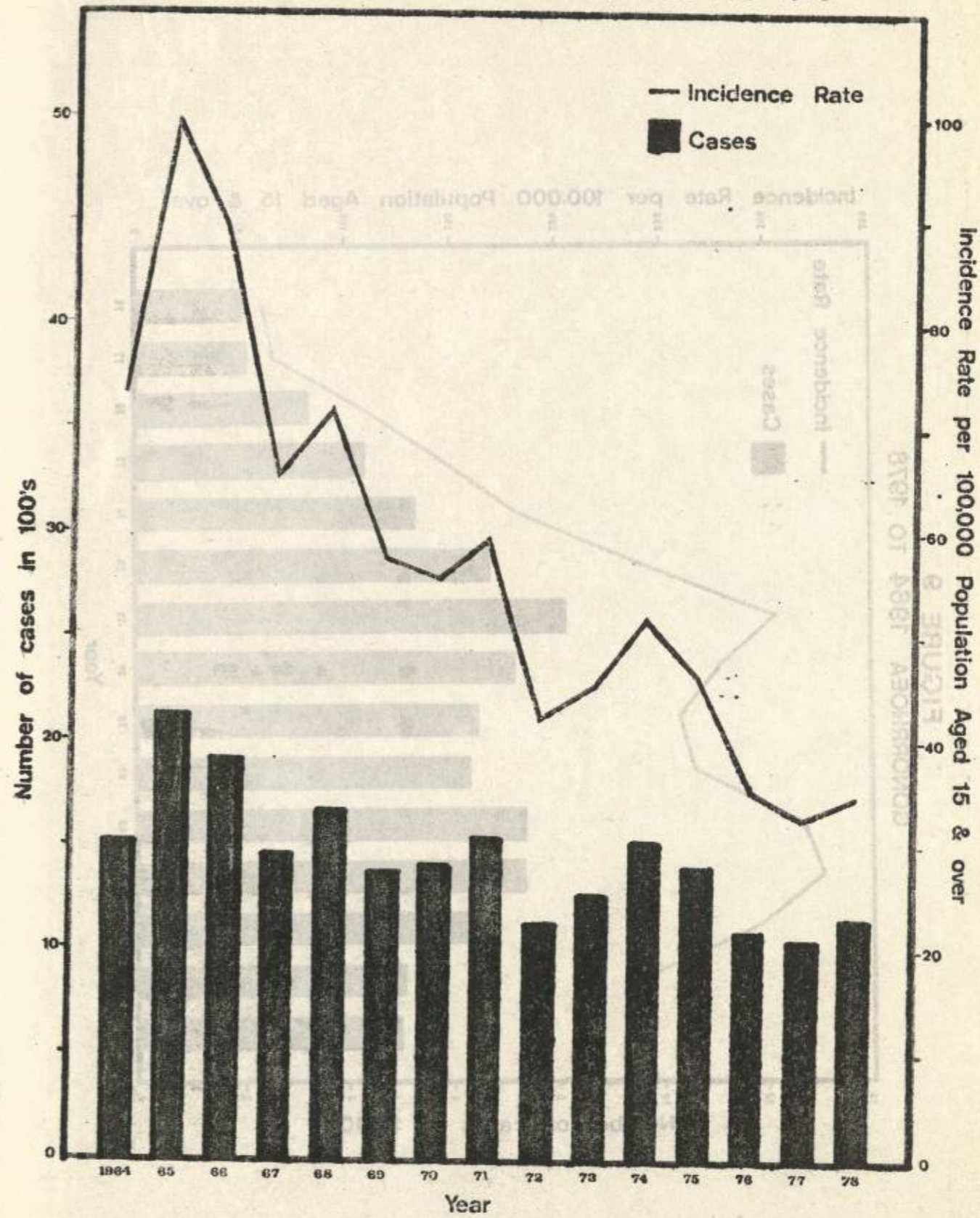


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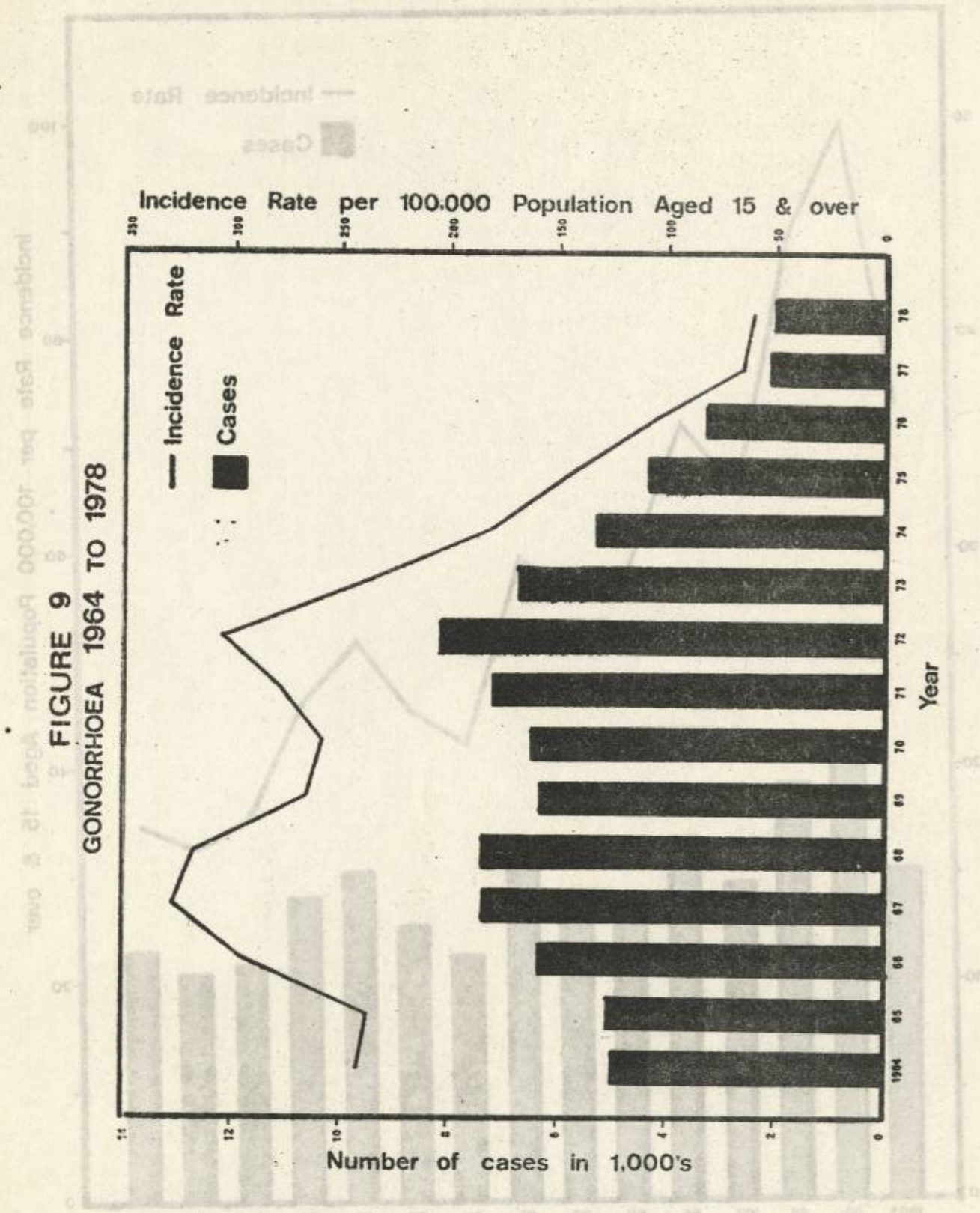
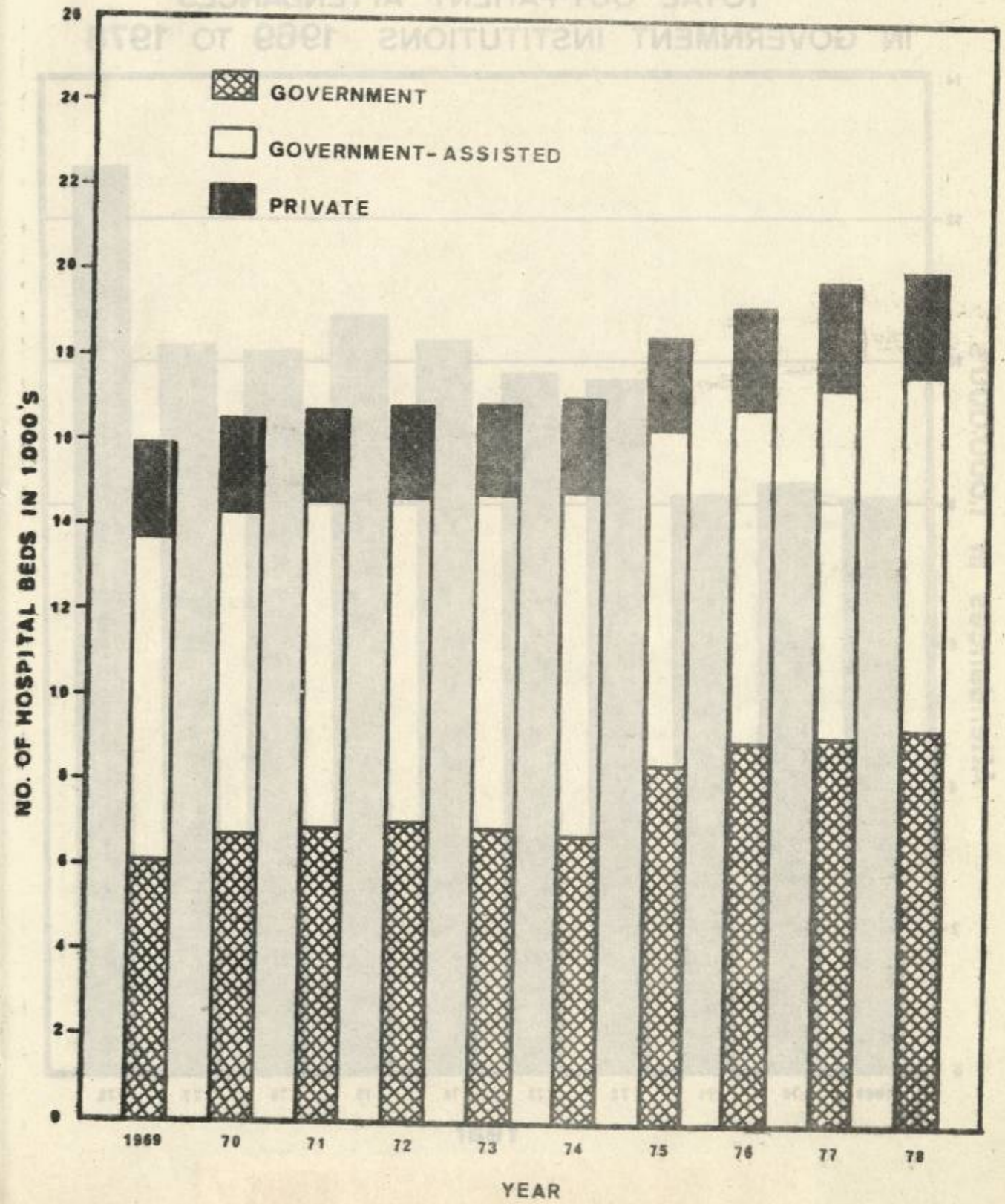


FIGURE 10

Hospital Beds 1969-1978



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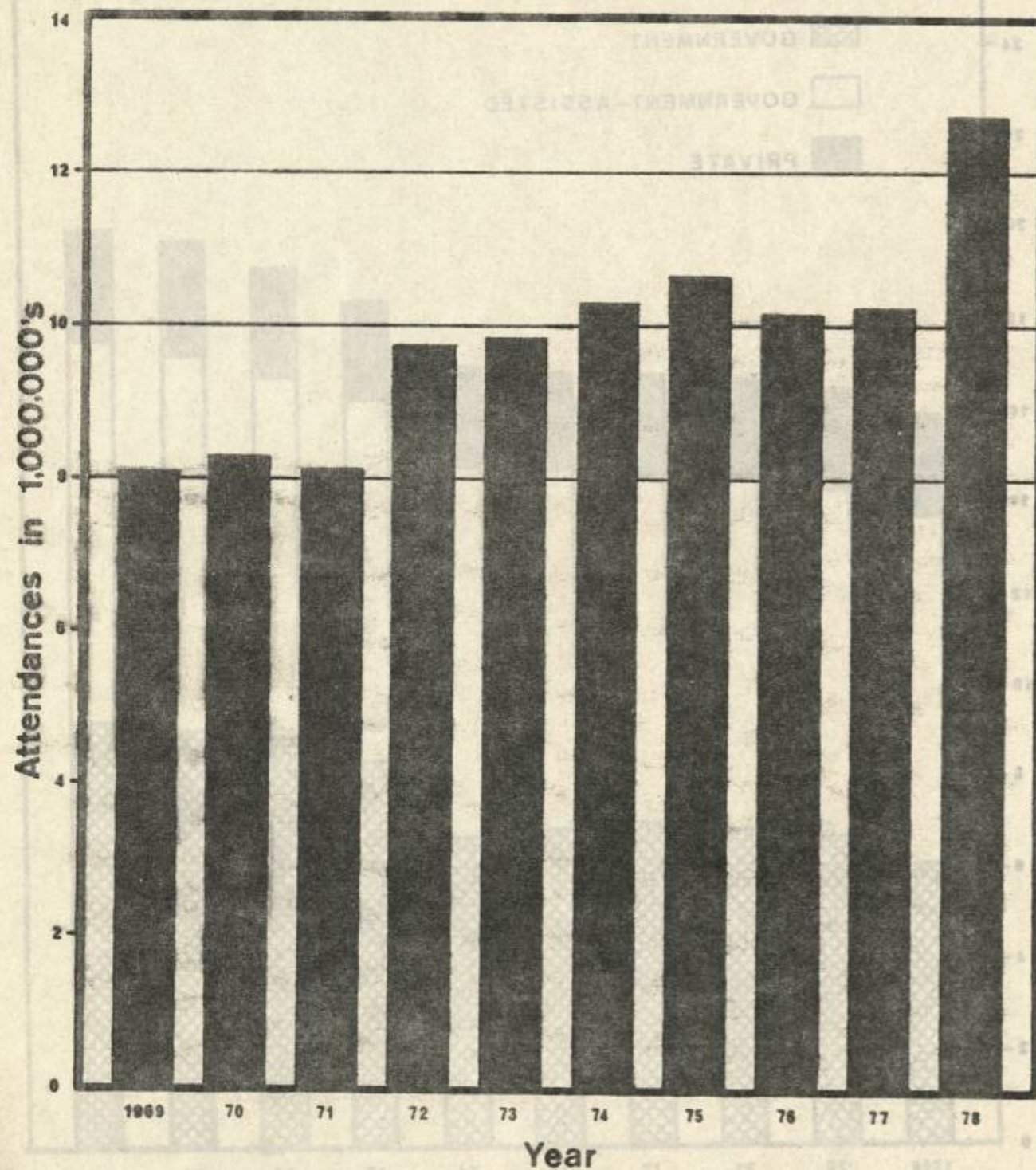
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TABLE 1  
ESTABLISHMENT OF THE MEDICAL & HEALTH DEPARTMENT AS AT 31ST MARCH 1979

Grade	Zone	Headquarters	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hospital & Mental Health Centres	Tsao Yuk Hospital	Dental Service	TB & Chest Service	Other Hospitals, Clinics & Services	Total	Strength on 31.3.79
Director of Medical & Health Services		1											1	
Deputy Director of Medical & Health Services		2											2	
Assistant Director of Medical & Health Services		4											8	
Consultant			10	24	15			3		6	3	4	74	67
Principal Medical & Health Officer		3	1	1	1				1			3	11	9
Administrative Officer Staff Grade B/ Administrative Officer		2											2	1
Principal Executive Officer/Chief Executive Officer/Senior Executive Officer/ Executive Officer		24			1									
Senior Treasury Accountant/Treasury Accountant/ Accounting Officer I		3										5	33	36
Senior Medical & Health Officer/Medical & Health Officer/Assistant Medical & Health Officer		33	97	150	115	3	35	30	11		33	387	894	843
Principal Dental Officer/Senior Dental Officer/ Dental Officer/Assistant Dental Officer		1	2	4	3		3	1		90			103	89
Principal Nursing Officer		4	823	1487	1113	70	501	516	25		153	1035	5727	5607
Nursing Staff (Excl. Midwifery Staff)			19	5	4		2	1	129			212	379	336
Midwife/Student Midwife (Including Sen. Midwife)			3						1				16	16
Senior Dietitian/Dietitian														
Principal Medical Social Worker/Senior Medical Social Worker/Medical Social Worker I & II		3	13	17	15	1	11	20	2		15	47	144	116

TABLE 1 (Cont'd)  
ESTABLISHMENT OF THE MEDICAL & HEALTH DEPARTMENT AS AT 31ST MARCH 1979

Grade	Zone	Headquarters	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lai Chi Kok Hospital	Kowloon Hospital	Castle Peak Hospital & Mental Health Centres	Tsao Yuk Hospital	Dental Service	TB & Chest Service	Other Hospitals, Clinics & Services	Total	Strength on 31.3.79
Chief Pharmacist/Senior Pharmacist/Pharmacist/ Chief Dispenser/Senior Dispenser/Dispenser/ Student Dispenser			21	23	20	1	7	6	2		9	163	252	256
Assistant Biochemist													1	1
Scientific Officer (Medical)				4	1								7	7
Clinical Psychologist								4					5	5
Senior Physicist/Physicist			2	6									8	8
Chief Hospital Secretary/Senior Hospital Secretary/ Hospital Secretary/Assistant Hospital Secretary		4	3	5	4	1	2	2				9	30	27
Steward I, II & III			4	5	5	2	3	4	1			10	34	34
Principal Information Officer/Senior Information Officer		2											2	2
Senior Statistician/Statistician/Statistical Officer/Statistical Assistant		13	1	1	1						2	3	21	16
Chinese Language Officer II		1											1	1
General Grade Staff		150	93	173	109	8	44	50	10	62	93	408	1200	1160
Superintendent Radiographer/Senior Radiographer/ Radiographer/Student Radiographer			36	65	23	1	4		2			43	174	160



TABLE 1 (Cont'd)  
ESTABLISHMENT OF THE MEDICAL & HEALTH DEPARTMENT AS AT 31ST MARCH 1979

Grade	Headquarters	Queen Mary Hospital	Queen Elizabeth Hospital	Princess Margaret Hospital	Lat Chi Kok Hospital	Kowloon Hospital	Castle Peak Hospital & Mental Health Centres	Tsao Yik Hospital	Dental Service	TB & Chest Service	Other Hospitals, Clinics & Services	Total	Strength on 31.3.79
Technical Assistant (Social Hygiene)												1	1
Speech Therapist					1							2	3
Kitchen Supervisor						1						5	4
Mortuary Supervisor			1	1								6	6
Medical Board Assistant												1	1
Head Attendant	1											1	1
Poster Artist												1	1
Sen. Hostel Manageress/Hostel Manageress			4									4	1
Photographer I & II		1	2	1								5	5
Fumigator			12									1	1
Senior Foreman/Foreman												20	-
Senior Supplies Officer/Assistant Supplies Officer/Supplies Supervisor I & II/Supplies Assistant	7	6	11	9	1	5	3	1	6	23		72	68
Telephone Operator	1	8	8	7	4	5	4	4	1	11		53	49
Hospital Receptionist		3	3	3								9	8
Minor Staff	1	832	1247	835	105	458	602	137	57	33	1706	6013	5879
Total	261	2024	3395	2404	206	1109	1307	331	442	355	4557	16391	15808

TABLE 2  
ORGANISATION OF MEDICAL & HEALTH DEPARTMENT - POSITION AS AT 31st March, 1979

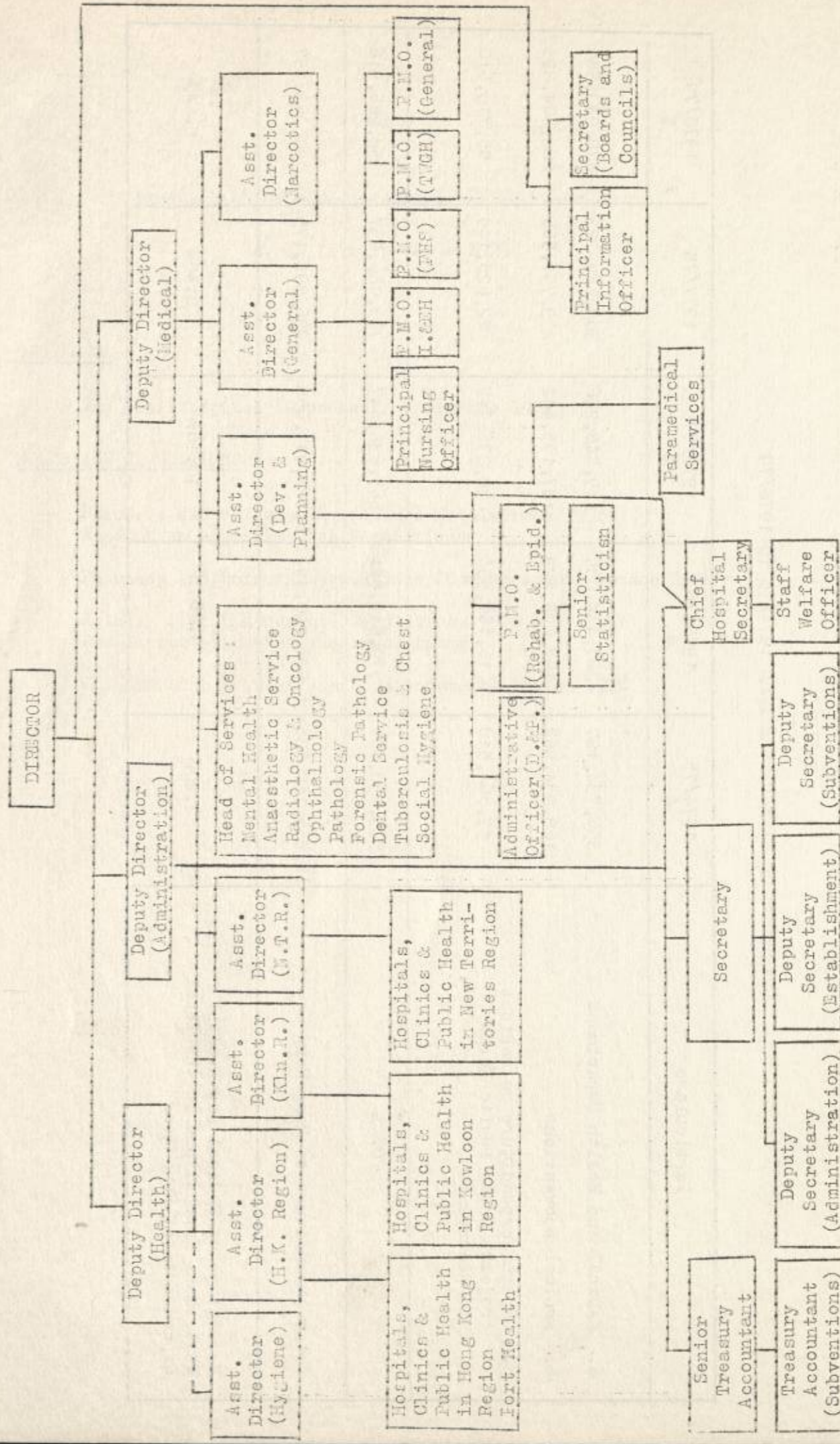


TABLE 3

STATEMENT OF EXPENDITURE FROM 1974/75 TO 1978/79

Particulars	1974/75 \$	1975/76 \$	1976/77 \$	1977/78 \$	1978/79 \$
a. Medical and Health Department	356,734,127	387,434,036	449,748,296	500,669,323	578,943,581
b. Medical Subventions	168,934,962	167,025,229	187,193,402	239,791,565	283,604,825
c. Capital expenditure on medical projects under Public Works Non-Recurrent	49,564,518	16,160,556	28,896,749	22,625,149	95,718,510
TOTAL :	575,233,607	570,619,821	665,838,447	763,086,037	958,266,916
Total expenditure of Hong Kong	6,255,150,535	6,032,190,492	6,590,911,658	8,996,892,175	11,090,068,357
Percentage of Medical and Health Department Expenditure to the Total Expenditure of Hong Kong	9.20%	9.46%	10.10%	8.48%	8.64%

TABLE 4

LEGISLATION OF MEDICAL AND HEALTH IMPORTANCE

APRIL 1978 to MARCH 1979

ORDINANCE

Yan Chai Hospital (Amendment) Ordinance 1978

RULES AND REGULATIONSPharmacy and Poisons (Amendment) Regulations 1978  
Resolution approving the Regulations

Pharmacy and Poisons Regulations (Commencement) Notice 1978

Poisons List (Amendment) Regulations 1978  
Resolution approving the Regulations

Poisons List Regulations (Commencement) Notice 1978

TABLE 5  
WORK OF STATUTORY COUNCILS - APRIL 1978 TO MARCH 1979

WORK	COUNCIL	MEDICAL		DENTAL		Dental Hygienists
		Local List	Overseas List	Local List	Overseas List	
Number on the Register on 31.3.1979		2,772	420	557	76	17
Number of Applications for registration	Registration Provisional Registration	536	33	92	28	1
Number of Registrations granted	Registration Provisional Registration (Part IV of Register)	156	-	-	-	-
Number of Examinations held	Oral & Practical Written	536	33	53	28	1
Number of Candidates examined	Oral & Practical Written	42*	-	-	-	-
Number of successful Candidates	Oral & Practical Written	1*	-	30	-	-
Disciplinary Hearings held	No. of persons charged	1*	-	2	-	-
Number of removals from Register	No. of persons charged	106*	-	58	-	-
		95*	-	20	-	-
		40*	-	18	-	-
		78*	-	18	-	-
		5	-	6	-	-
		5	-	6	-	-
		583	27	102	-	-

Number of Meetings held : Medical Council 1  
Dental Council -  
Licentiate Committee 3

\* Licentiate Scheme for unregistrable doctors

TABLE 6  
WORK OF STATUTORY BOARDS - APRIL 1978 TO MARCH 1979

WORK	BOARDS	NURSING				MIDWIVES	PHARMACY & POISONS
		Registered		Enrolled			
		General	Mental	Mentally sub-normal	General	Mental	
Number on the Register on 31.3.1979		9,628	336	1	3,083	149	6,462 254
Number of applications for registration		544	32	1	270	20	227 90
Number of registrations granted		536	32	1	263	20	224 34
Number of examinations held		3	3	-	3	3	4 2
Number of candidates examined		536	37	-	237	43	210 52
Number of successful candidates		485	25	-	230	30	204 10
Disciplinary hearings held							
No. of hearings		1	-	-	-	-	- 1
No. of persons charged		-	-	-	-	-	- 1
Number of removals from register		1	-	-	-	-	2 77

Number of meetings held : Nursing Board 3  
Midwives Board 4  
Pharmacy and Poisons Board 2  
Radiation Board -

Details of Licences Issued by the Radiation Board - April 78 to March 79

Work	Irradiating Apparatus		Radioactive Substances
	Possess & Operate	Possess	
Total no. of Licences remained in force as at 31.3.79	499	7	208
No. of Applications for Licences	78	-	170
No. of Licences granted	102	109	85
No. of Licences cancelled	98	102	25

TABLE 7  
ESTIMATED POPULATION BY AGE GROUP AT MID-1978

Age group	Male	Female	Total
0	40,300	38,000	78,300
1-4	164,300	154,000	318,300
5-9	204,400	195,500	399,900
10-14	248,900	238,300	487,200
15-19	289,000	271,200	560,200
20-24	258,700	237,000	495,700
25-29	210,700	188,600	399,300
30-34	153,900	126,300	280,200
35-39	116,400	90,700	207,100
40-44	135,000	116,100	251,100
45-49	133,300	121,600	254,900
50-54	122,000	116,600	238,600
55-59	101,500	99,500	201,000
60-64	78,800	82,300	161,100
65-69	52,800	64,100	116,900
70-74	26,100	46,400	72,500
75-79	14,400	33,300	47,700
80 and over	8,800	27,500	36,300
Total	2,359,300	2,247,000	4,606,300

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- Matal Deaths, (8)=(4)+(5) (6)	Neo. Natal Deaths (9)=(5)+(6)	Infant# Deaths (10)=(5)+ (6)+(7)	Maternal Deaths (11)
1951	2,015,300	68,500	20,580	1,180	1,205	936	4,144	2,385	2,141	6,285	111
52	2,125,900	71,976	19,459	1,157	1,017	873	3,656	2,174	1,890	5,546	84
53	2,242,200	75,544	18,300	1,158	1,073	875	3,612	2,231	1,948	5,560	75
54	2,364,900	83,317	19,283	1,341	1,002	1,048	3,978	2,343	2,050	6,028	105
55	2,490,400	90,511	19,080	1,250	1,213	882	3,917	2,463	2,095	6,012	107
1956	2,614,600	96,746	19,295	988	1,303	1,039	3,553	2,291	2,342	5,095	88
57	2,736,300	97,834	19,365	1,245	1,323	1,007	3,106	2,568	2,330	5,436	105
58	2,854,100	106,624	20,554	1,297	1,413	1,079	3,294	2,710	2,492	5,786	92
59	2,967,400	104,579	20,250	1,393	1,335	888	2,831	2,728	2,223	5,054	77
60	3,075,300	110,667	19,146	1,680	1,309	1,003	2,279	2,989	2,312	4,591	55
1961	3,168,100	108,726(110,684)	18,738(19,325)	1,683	1,226	1,054	1,818	2,909	2,200	4,098	50
62	3,305,200	111,905(112,503)	20,324(20,933)	1,560	1,260	1,109	1,761	2,820	2,369	4,130	54
63	3,420,900	115,263(114,550)	19,748(20,340)	1,633	1,206	972	1,623	2,039	2,178	3,801	34
64	3,504,600	108,519(107,625)	18,113(18,657)	1,485	1,115	684	1,071	2,600	1,799	2,070	42
65	3,597,900	102,195(101,110)	17,621(18,150)	1,363	1,017	537	871	2,380	1,554	2,425	34
1966	3,629,900	92,476( 91,032)	18,700(19,261)	1,246	1,011	407	882	2,257	1,418	2,300	40
67	3,722,000	88,171( 88,215)	19,644(20,234)	999	958	440	862	1,957	1,398	2,260	27
68	3,892,700	82,992( 82,685)	19,319(19,444)	832	843	404	664	1,675	1,247	1,911	12
69	3,863,900	79,329( 82,482)	18,730(19,256)	757	810	373	548	1,567	1,183	1,731	12
70	3,999,000	77,465( 79,132)	20,763(19,996)	726	734	252	535	1,460	986	1,521	15
1971	4,045,300	76,818( 79,789)	20,253(20,374)	656	716	254	440	1,372	970	1,410(1,415)	11
72	4,115,700	79,353( 80,344)	21,145(21,397)	736	740	174	466	1,476	914	1,300(1,396)	16
73	4,212,600	80,147( 82,252)	21,360(21,251)	681	724	157	464	1,405	881	1,345(1,351)	8
74	4,319,600	81,879( 83,581)	22,050(21,879)	621	717	184	520	1,338	901	1,421(1,407)	13
75	4,395,800	78,200( 79,790)	21,191(21,597)	565	671	133	369	1,236	804	1,173(1,192)	2
1976	4,443,800	76,342( 78,486)	23,195(22,692)	521	564	127	401	1,085	691	1,092(1,085)	14
77	4,513,900	78,807( 79,888)	23,459(23,406)	528	565	140	388	1,093	705	1,093(1,081)	13
78	4,606,300	79,173( 80,785)	22,843(23,885)	431	539	115	280	970	654	934( 956)	5

\* 1951-1960 based on the 1961 Census, 1961-1970 based on the 1971 Census, 1971-1978 based on the 1976 By-Census  
# Figures in brackets denote adjusted births and deaths for 1961-1968 and known births and deaths for 1969-1978

TABLE 9  
VITAL STATISTICS - HONG KONG  
(RATE)

Year	Crude* Birth Rate (1)	Crude* Death 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(35.0)	5.9(6.1)	15.2	11.3	9.7	16.7	26.3	21.0	37.7	0.45
62	33.9(34.0)	6.1(6.3)	13.7	11.3	9.9	15.7	24.9	21.2	36.9	0.48
63	33.7(33.5)	5.8(6.0)	14.0	10.5	8.4	14.1	24.3	18.9	33.0	0.29
64	31.0(30.7)	5.2(5.3)	13.5	10.3	6.3	9.9	23.6	16.6	26.4	0.38
65	28.4(28.1)	4.9(5.0)	13.2	10.0	5.3	6.5	23.0	15.2	23.7	0.33
1966	25.5(25.3)	5.2(5.3)	13.3	10.9	4.4	9.5	24.1	15.3	24.9	0.43
67	23.7(23.7)	5.3(5.4)	11.2	10.9	5.0	9.8	21.9	15.9	25.6	0.30
68	21.8(21.7)	5.1(5.1)	9.9	10.2	4.9	8.0	20.0	15.0	23.0	0.14
69	20.5(21.3)	4.8(5.0)	9.5	10.2	4.7	6.9	19.6	14.9	21.8	0.15
70	19.6(20.0)	5.2(5.1)	9.3	9.5	3.3	6.9	18.7	12.7	19.6	0.19
1971	19.0(19.7)	5.0(5.0)	8.5	9.3	3.3	5.7	17.7	12.6	18.4(17.7)	0.14
72	19.2(19.5)	5.1(5.2)	9.2	9.4	2.2	5.9	18.5	11.6	17.5(17.4)	0.20
73	19.0(19.5)	5.1(5.0)	8.4	9.0	2.0	5.8	17.4	11.0	16.8(16.4)	0.10
74	19.0(19.3)	5.1(5.1)	7.5	8.8	2.2	6.4	16.2	11.0	17.4(16.8)	0.16
75	17.8(18.2)	4.8(4.9)	7.2	8.6	1.7	4.7	15.7	10.3	15.0(14.9)	0.03
1976	17.2(17.7)	5.2(5.1)	6.8	7.4	1.7	5.3	14.1	9.1	14.3(13.8)	0.18
77	17.5(17.7)	5.2(5.2)	6.7	7.2	1.8	4.9	13.8	8.9	13.9(13.5)	0.16
78	17.2(17.5)	5.0(5.2)	5.4	6.8	1.5	3.5	12.2	8.3	11.8(11.8)	0.06

( Rates : (1) & (2) : per 1,000 population )

( Rates : (4), (5), (6), (8) & (9) : per 1,000 live births. )

( Rates : (3), (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 1969-1978.

TABLE 10

HONG KONG DEATH RATES 1964 TO 1978  
(Deaths per 1,000 population)

Rate	Year	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Standardized* Death Rate		11.18	10.60	11.20	11.32	11.20	10.62	11.10	10.45	10.36	9.93	9.76	9.25	9.97	9.76	9.18
Crude Death Rate		5.17	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
Age Specific Death Rate	0	27.97	24.23	24.44	26.25	23.59	22.08	19.86	18.65	17.51	16.56	17.33	14.34	14.31	13.77	11.93
	1 - 4	1.80	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
	5 - 9	0.67	0.54	0.48	0.56	0.49	0.34	0.45	0.41	0.44	0.39	0.39	0.37	0.41	0.32	0.24
	10 - 14	0.59	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
	15 - 19	0.60	0.76	0.74	0.71	0.72	0.55	0.71	0.59	0.65	0.65	0.54	0.45	0.57	0.45	0.36
	20 - 24	1.08	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
	25 - 29	1.42	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
	30 - 34	1.62	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
	35 - 39	2.63	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
	40 - 44	3.73	3.63	3.71	3.69	3.58	3.11	3.51	3.28	3.22	3.20	3.08	2.89	2.68	2.80	2.22
	45 - 49	5.57	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
	50 - 54	9.47	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
	55 - 59	12.90	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
	60 - 64	21.46	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
	65 - 69	26.42	24.73	27.35	28.06	28.69	28.31	30.51	28.64	27.66	26.47	26.55	25.92	26.12	27.87	26.23
	70 - 74	45.25	42.23	45.65	43.02	42.36	37.73	42.82	41.67	41.75	38.69	38.69	36.41	39.99	39.77	39.30
	75 - 79	62.81	58.71	60.89	64.62	66.95	67.03	66.91	61.65	60.57	53.53	53.54	53.73	61.01	57.65	53.82
	80+	109.06	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	103.66

\* Based on population figures for England and Wales 1971  
(Reference: United Nations Demographic Year-Book 1972)

TABLE 11  
MAJOR CAUSES OF INFANT DEATH 1961, 1968 AND 1974 TO 1978

Disease Group	Detailed List Number 8th Revision (1965)	1961*	1968*	1974	1975	1976	1977	1978
Meningitis	320	26	25	29	17	17	18	15
Bronchitis	466, 490-491	6	5	7	8	7	6	1
Pneumonia	480 - 486	1,166	509	251	156	137	114	103
Gastroenteritis, colitis, and other diarrhoeal disease	561, 009	627	136	70	34	48	41	23
Congenital anomalies	740 - 759	157	240	327	324	289	328	306
Birth injury and difficult labour	764 - 768, 772	47	42	44	45	44	37	33
Haemolytic disease of newborn	774 - 775	97	101	41	27	29	19	20
Anoxic and hypoxic conditions not elsewhere classified	776	142	136	157	141	134	148	172
Other conditions of foetus or newborn	778	19	30	38	98	87	73	67
Immaturity, unqualified	777	1,142	437	265	214	192	193	141
Others	Residue of 000-E999	669	250	192	109	108	116	53
All Causes	000 - E999	4,098	1,911	1,421	1,173	1,092	1,093	934
Total Registered Live-births		108,726	82,992	81,879	78,200	76,342	78,807	79,173

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

TABLE 12  
MAJOR CAUSES OF MATERNAL DEATH 1961, 1968 AND 1974 TO 1978

Year	* Detailed List No., 8th Rev. (1965)	Sepsis (excl. septic abortions)	Toxaemias	Haemorrhages	Abortions	Ectopic Pregnancies	Others	Total
1961	4	10	17		4	3	12	50
1968	-	2	7		-	2	1	12
1974	1	1	7		-	1	3	13
1975	-	-	1		-	-	1	2
1976	1	3	5		2	1	2	14
1977	-	1	7		3	1	1	13
1978	2	1	1		-	-	1	5

\* Data Grouping according to I.C.D. 7th Revision for the years 1961 & 1968

TABLE 13  
PROPORTIONATE MORTALITY BY DISEASE GROUPS 1961, 1968 AND 1974 TO 1978  
(As Percentage of Total Deaths)

Disease Group	Detailed List No. 8th Revision	1961	1968	1974	1975	1976	1977	1978
Infective and Parasitic Neoplasms	000 - 136	16.2	9.8	5.8	4.0	3.3	3.2	2.8
Endocrine, Nutritional, Metabolic and Blood	140 - 239	12.3	18.7	21.4	24.2	23.2	24.1	26.2
Nervous System, Sense Organs and Mental Disorders	240 - 289	0.9	1.4	1.2	1.5	1.7	1.6	1.5
Circulatory System	290 - 389	0.8#	1.0#	0.9	0.9	0.8	0.9	0.8
Respiratory System	390 - 458	18.2	24.5	25.4	27.7	28.9	28.7	31.1
Digestive System	460 - 519	16.3	14.5	17.2	15.8	14.5	15.4	14.4
Genito-Urinary System	520 - 577	7.7	5.5	5.1	4.6	5.0	4.8	4.4
Pregnancy, Child-birth and Puerperium	580 - 629	2.0	2.1	1.7	2.0	2.2	2.2	2.5
Skin and Musculo-skeletal System	630 - 678	0.3	0.1	0.1	0.0	0.1	0.1	0.0
Congenital Anomalies and Causes of Perinatal Mortality	680 - 738	0.2	0.4	0.3	0.3	0.4	0.3	0.3
Symptoms and Ill-defined Conditions	740 - 779	8.8	5.5	4.3	4.4	3.8	3.7	3.5
Accidents, Poisonings and Violence	780 - 796	10.4	9.3	8.7	7.9	8.0	7.5	7.4
	E800 -E999	5.9	7.2	7.9	6.7	8.1	7.5	5.1

# Excluding Cerebrovascular Disease (formerly Vascular Lesion affecting Central Nervous System under the Nervous System and Sense Organs) : 7.5% in 1961 and 9.3% in 1968

TABLE 14

THE TEN LEADING CAUSES OF DEATH BY AGE AND SEX 1978

Rank	Cause of Death	Detailed List No. 8th Revision	Sex	All Ages	Age Group								Unknown
					0	1-4	5-14	15-44	45-64	65+			
	All Causes	000-999	M F Unk. T	12,420 10,414 9 22,043	100 97 1 198	134 92 - 226	1,330 674 - 2,004	4,818 2,413 - 7,231	5,491 6,732 - 12,223	21 2 4 27			
1	Malignant neoplasms including neoplasms of lymphatic & hae- matopoietic tissues	140-209	M F T	3,597 2,361 5,978	14 11 25	34 35 69	400 224 624	1,881 951 2,832	1,263 1,158 2,421	1 - 1			
2	Heart Diseases, including hypertensive diseases	390-392 393-398 400-404 410-414 420-429	M F T	2,017 1,876 3,093	2 - 2	4 3 7	92 74 166	804 421 1,225	1,115 1,377 2,492	- - -			
3	Cerebrovascular Diseases	430-438	M F T	1,429 1,552 3,081	- - -	1 5 6	44 29 73	550 368 918	833 1,249 2,082	1 - 1			
4	Pneumonia, all forms	480-486	M F T	997 1,090 2,067	15 11 26	10 7 17	62 36 98	251 123 374	606 863 1,469	- - -			
5	Bronchitis, emphysema and asthma	490-493	M F T	466 294 780	2 - 2	1 - 1	13 2 15	180 66 246	290 226 516	- - -			
6	All accidents	E800-E807 E810-E823 E825-E949	M F T	475 213 688	23 24 47	43 18 61	247 44 291	96 52 148	61 70 131	1 1 2			

TABLE 14 (Cont'd.)

Rank	Cause of Death	Detailed List No. 8th Revision	Sex	Age Group							Unknown	
				All Ages	0	1-4	5-14	15-44	45-64	65+		
7	Certain causes of Perinatal Mortality	760-779	M	252	-	-	-	-	-	-	-	-
			F	186	-	-	-	-	-	-	-	-
			UNK	2	-	-	-	-	-	-	-	-
8	Tuberculosis	010-012 013-019	M	440	-	-	-	-	-	-	-	-
			F	323	1	1	2	26	168	126		
			T	97	1	1	2	16	29	51		
9	Nephritis and Nephrosis	580-584	M	420	1	1	2	42	197	177	-	
			F	212	-	-	3	41	75	93		
			T	103	-	2	1	28	56	96		
10	Congenital Anomalies	740-759	M	395	2	2	4	69	131	189	-	
			F	207	18	18	5	8	1	-		
			UNK	150	15	15	-	5	-	-		
	suicide and self-inflicted injuries	8950-8959	M	1	1	-	-	-	-	-	-	-
			F	358	33	33	5	13	1	-		
			T	204	-	-	-	91	76	35		
	Cirrhosis of Liver	571	M	126	-	-	-	56	34	36	-	
			F	330	-	-	-	147	110	71		
			T	223	-	-	1	42	130	50		
	Diabetes mellitus	250	M	71	-	-	-	2	31	39	-	
			F	295	-	-	1	44	161	89		
			T	125	-	-	-	3	49	73		
	All other causes	Residue of 000-1999	M	283	-	-	-	9	106	167	-	
			F	1,973	38	25	30	261	557	946		
			UNK	1,953	29	34	22	152	225	1,473		
			M	6	1	1	-	-	-	-	-	-
			F	3,815	68	60	52	413	782	2,419		
			T									

TABLE 15

LEADING CAUSES OF DEATH 1961, 1968 AND 1978 (RANKING ACCORDING TO 1961)

Causes of Death	Number of Deaths			Percentage of Deaths from all Causes			Rate per 100,000 population		
	1961	1968	1978	1961	1968	1978	1961	1968	1978
All causes	18,738	19,319	22,843	100.0	100.0	100.0	591.5	508.0	495.9
1. Pneumonia, all forms	2,665	1,860	2,087	14.2	9.6	9.1	84.1	48.9	45.3
2. Malignant neoplasms	2,280	3,582	5,978	12.2	18.5	26.2	72.0	94.2	129.8
3. Tuberculosis, all forms	1,907	1,483	420	10.2	7.7	1.8	60.2	39.0	9.1
4. Heart diseases, including hypertensive diseases	1,866	2,767	3,893	9.9	14.3	17.0	59.9	72.8	84.5
5. Cerebrovascular diseases	1,401	1,803	2,081	7.5	9.3	13.5	44.2	47.4	66.9
All other causes	8,619	7,824	7,384	46.0	40.6	32.4	272.1	205.7	160.3

TABLE 15 (Cont'd)

Causes of Death	Number of Deaths			Percentage of Deaths from all Causes			Rate per 100,000 population		
	1961	1968	1978	1961	1968	1978	1961	1968	1978
<u>0 years</u>									
All causes	4,098	1,211	934	100.0	100.0	100.0	3,840.7	2,359.3	1,192.8
1. Pneumonia, all forms	1,166	509	103	28.4	26.6	11.0	1,092.0	626.4	131.5
2. Inaturity, unqualified	1,142	437	141	27.9	22.9	15.1	1,070.3	539.5	180.1
3. Gastroenteritis, colitis and other diarrhoeal diseases	627	136	23	15.3	7.1	2.5	587.6	167.9	29.4
4. Congenital anomalies	157	240	306	3.8	12.6	32.0	147.1	296.3	300.0
5. Anoxic and hypoxic conditions not elsewhere classified	142	136	172	3.5	7.1	18.4	133.1	167.9	210.7
All other causes	864	453	189	21.1	23.7	20.2	809.8	559.3	241.3
<u>1 - 4 years</u>									
All causes	1,805	467	198	100.0	100.0	100.0	427.5	121.2	62.2
1. Pneumonia, all forms	603	129	26	33.4	27.6	13.1	142.8	33.5	8.2
2. Measles	342	32	1	19.0	6.9	0.5	81.0	8.3	0.3
3. Gastroenteritis, colitis and other diarrhoeal diseases	201	24	6	11.1	5.1	3.0	47.6	6.2	1.9
4. Tuberculosis, all forms	169	14	1	9.4	3.0	0.5	40.0	3.6	0.3
5. All accidents	105	97	47	5.8	20.8	23.7	24.1	25.2	14.8
All other causes	385	171	117	21.3	36.6	59.2	91.2	44.4	36.7

TABLE 15 (Cont'd)

Causes of Death	Number of Deaths			Percentage of Deaths from all Causes			Rate per 100,000 population		
	1961	1968	1978	1961	1968	1978	1961	1968	1978
<u>5 - 14 years</u>									
All causes	587	483	226	100.0	100.0	100.0	77.7	47.2	25.5
1. All accidents	174	180	61	29.7	37.3	27.0	23.0	17.6	6.9
2. Pneumonia, all forms	83	51	17	14.1	10.6	7.5	11.0	5.0	1.9
3. Tuberculosis, all forms	60	14	2	10.2	2.9	0.9	7.9	1.4	0.2
4. Malignant neoplasms	40	67	69	6.8	13.9	30.5	5.3	6.6	7.8
5. Heart diseases, including hypertensive diseases	33	34	7	5.6	7.0	3.1	4.4	3.3	0.8
All other causes	197	137	70	33.6	28.3	31.0	26.1	13.3	7.9
<u>15 - 44 years</u>									
All causes	2,665	2,522	2,004	100.0	100.0	100.0	201.6	163.6	91.4
1. Tuberculosis, all forms	553	222	42	20.8	8.8	2.1	41.9	14.4	1.9
2. Malignant neoplasms	512	613	624	19.2	24.3	31.1	38.7	39.8	20.4
3. Heart diseases, including hypertensive diseases	246	234	166	9.2	9.3	8.3	18.6	15.2	7.6
4. All accidents	245	272	291	9.2	10.8	14.5	18.5	17.6	13.3
5. Suicide & inflicted injury	201	218	147	7.5	8.6	7.3	15.2	14.1	6.7
All other causes	908	963	734	34.1	38.2	36.7	68.7	62.5	33.5

TABLE 15 (Cont'd)

Causes of Death	Number of Deaths			Percentage of Deaths from all Causes			Rate per 100,000 population		
	1961	1968	1978	1961	1968	1978	1961	1968	1978
45-64 years									
All causes	5,241	6,331	7,221	100.0	100.0	100.0	1,089.9	1,028.5	845.1
1. Malignant neoplasms	1,204	1,814	2,022	23.9	28.6	39.2	260.3	293.0	331.0
2. Tuberculosis, all forms	779	765	197	15.5	12.0	2.7	168.4	123.9	23.0
3. Heart diseases including hypertensive diseases	762	1,002	1,225	15.1	15.8	16.9	164.2	152.3	143.2
4. Cardiovascular diseases	569	653	918	11.3	10.3	12.7	123.0	105.7	107.3
5. Pneumonia, all forms	270	311	374	5.5	4.9	5.2	60.1	50.4	43.7
All other causes	1,449	1,896	1,895	28.7	28.4	23.3	313.3	292.4	196.9
65 years and over									
All causes	4,524	7,566	12,023	100.0	100.0	100.0	1,519.5	4,090.8	4,470.7
1. Heart diseases, including hypertensive diseases	217	1,409	2,492	10.1	19.7	20.4	316.2	962.5	911.5
2. Cardiovascular diseases	747	1,056	2,082	16.5	14.0	17.0	746.2	682.6	761.5
3. Malignant neoplasms	503	1,055	2,421	11.1	13.9	19.8	502.5	602.0	885.5
4. Pneumonia, all forms	435	725	1,469	9.6	9.6	12.0	434.6	468.6	537.3
5. Tuberculosis, all forms	296	465	177	6.5	6.1	1.4	295.7	300.6	64.7
All other causes	1,726	2,776	3,502	38.2	36.7	29.4	1,724.3	1,794.5	1,310.2

TABLE 16

NUMBER OF CANCER DEATHS BY AGE AND SEX 1978

A-List	Detailed List Number 8th Revision	Cause Group	Sex	All Ages	0-9	10-	20-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+
A45(a)	147	Malignant Neoplasm of Nasopharynx	M F	302 120	- -	1 3	11 7	13 6	22 7	41 13	55 20	53 16	49 14	29 11	18 13	5 6	5 4
A45(b)	140-146 148-149	Malignant Neoplasm of Buccal Cavity and Pharynx, excluding Nasopharynx	M F	58 21	- -	- -	1 -	- -	- 1	2 2	10 1	10 4	3 3	10 3	9 -	9 3	4 4
A46	150	Malignant Neoplasm of Oesophagus	M F	227 64	- -	- -	- -	- -	3 -	8 1	21 2	34 7	36 4	41 9	27 10	29 16	28 15
A47	151	Malignant Neoplasm of Stomach	M F	274* 177	- -	- -	2 5	6 2	3 1	8 8	12 9	32 13	42 17	53 31	49 24	32 22	34 45
A48	152, 153	Malignant Neoplasm of Intestine, except Rectum	M F	154 145	- -	1 -	3 3	3 3	5 1	7 4	8 6	18 11	24 12	22 18	18 27	19 20	26 40
A49	154	Malignant Neoplasm of Rectum and Rectosigmoid Junction	M F	124 81	- -	- -	2 6	8 1	3 3	4 3	- 9	16 5	12 11	25 7	23 11	13 7	18 18
A50	161	Malignant Neoplasm of Larynx	M F	69 9	- -	- -	- -	- -	- -	- -	5 -	11 2	18 1	8 2	12 1	10 1	5 2
A51	162	Malignant Neoplasm of Trachea, Bronchus and Lung	M F	999 562	- -	- -	2 2	7 -	9 2	23 8	62 35	124 36	168 64	196 103	184 90	128 88	96 134
A52	170	Malignant Neoplasm of Bone	M F	18 17	1 -	2 2	1 -	- -	- -	- -	2 1	1 2	1 1	2 5	3 1	2 3	3 2