

*W Danaraj*

# Rural Health

*by*

DATO' DR HAJI ABDUL MAJID ISMAIL

J.M.N., P.P.T., M.B., M.Ch., Orth., F.R.C.S.E.

DIRECTOR, PLANNING AND RESEARCH  
MINISTRY OF HEALTH  
MALAYSIA

KEMENTERIAN KESIHATAN  
MALAYSIA

3rd February, 1971

*Price:* \$2.60

# Rural Health

**W. DANARAJ**

*by*

DATO' DR HAJI ABDUL MAJID ISMAIL  
J.M.N., P.P.T., M.B., M.Ch., Orth., F.R.C.S.E.  
DIRECTOR, PLANNING AND RESEARCH  
MINISTRY OF HEALTH  
MALAYSIA

KEMENTERIAN KESIHATAN  
MALAYSIA

3rd February, 1971

DI-CHETAK DI-JABATAN CHETAK KERAJAAN  
OLEH MOHD. DAUD BIN ABDUL RAHMAN, PENCHETAK KERAJAAN  
KUALA LUMPUR  
1971

# RURAL HEALTH

by

DATO' DR HJ. ABDUL MAJID ISMAIL,

J.M.N., P.P.T., M.B., M.Ch., Orth., F.R.C.S.E.,

*Director, Planning and Research,*

*Ministry of Health,*

*Malaysia*

When Malaya obtained her Independence in 1957, medical and health became a Federal Subject and the administration of these services passed from the hands of State Governments to the Central Government. The Central Government inherited a medical and health service which was unevenly distributed not only between States but between areas within a State. As a result of this, more than 70% of the services were concentrated in the Urban and Semi-Urban areas where about 40% of the population lived and the remaining 60% of the population, mainly living in rural areas, were provided with the remainder of the service. It was therefore an uncommon feature to find that many rural villages and "kampongs" had little or no medical and health service.

However, in the social and economic development plans of Government, after Merdeka, top priority was given to the expansion and development of adequate medical, health and dental services for the rural population. The primary aim of Government was and still is, to raise the health standard of the rural people so that their economic productivity will be increased. Loss of lives and absence from work due to ill-health brings with it economic loss not only to the family itself but to the country as well. Poverty can be the direct cause of ill-health and in turn could influence the incidence of diseases and mal-nutrition. Hence a vigorous attack on conditions undermining health is fundamental in breaking this vicious cycle of illness and poverty.

In order to overcome the problem of rural ill-health within the shortest possible time, the Rural Health Service was conceived with the assistance of the World Health Organisation. The objectives of the Rural Health Service are not merely to reduce the number of deaths and the incidence of diseases, but to take it a step further, in the attainment of optimum health for all our people. If maximum benefits are to be derived from the efforts of Government to raise the standard of living and health of our people, it is fundamental that the people must be aware of the fact that ill-health causes poverty. They must therefore take appropriate measures to safe-guard their health and participate actively in all the health programmes and extend their co-operation to the health authorities.

## Rural Health Service

In conceiving the Rural Health Service, consideration was given to the provision of an integrated curative and preventive service for the rural people, based on their needs and problems and on the pre-existing medical or health service prior to the inception of the Rural Health Service. All pre-existing facilities in an area are being co-ordinated and integrated, by using the Rural Health Unit as a base or functional organisation for the operation of the Rural Health Service.

The basic plan called for:

- (a) trained rural midwives, one per 2,000 population;
- (b) one health sub-centre for every 10,000 population; and
- (c) a main centre for every 50,000 population.

Hence for every 50,000 rural population, the Rural Health Unit will comprise of 1 Main Centre, 4 Health Sub-Centres and 20 Midwife Clinics-cum-quarters (each main and sub-centre has a midwife and there are therefore 25 midwives for the given population)—See Appendix I.

The staffing pattern of a Rural Health Unit is as follows:

### *Category of Staff*

#### A. MAIN CENTRE

1. Medical and Health Officer.
2. Dental Officer.
3. Public Health Inspector.
4. Public Health Nurse.
5. Dental Nurse.
6. Clerical Assistant.
7. Hospital Assistant.
8. Dispenser.
9. Assistant Nurses (2).
10. Midwife.
11. Public Health Overseer.
12. Dental Surgery Assistant.
13. Sanitation Labourers (2).
14. Attendants (2).
15. Dental Attendant.
16. Drivers (2).
17. Gardener.

## B. SUB-CENTRE

1. Public Health Nurse.
2. Hospital Assistant.
3. Clerical Assistant.
4. Assistant Nurses (2).
5. Midwife.
6. Public Health Overseer.
7. Sanitation Labourers (2).
8. Attendants (2).
9. Driver.
10. Gardener.

## C. MIDWIFE CLINIC-CUM-QUARTERS

1. Midwife.

The functions of a health unit are as follows:

Basic Services	Brief Outline of Services
1. Maternal and Child Health and Public Health Nursing	<p>(a) Ante-natal care at home and at clinics.</p> <p>(b) Home delivery of normal cases, and after-care of mother and child, family planning.</p> <p>(c) Child Health Clinics for infants and toddlers.</p> <p>(d) School Health Services.</p> <p>(e) Nutrition Education.</p> <p>(f) Home visiting—family as a unit of services.</p>
2. Control of Communicable Diseases	<p>(a) Immunisation programme at Child Health Clinics.</p> <p>(b) Investigation of notifiable diseases.</p> <p>(c) Mass immunisation, etc., during outbreaks.</p>

Basic Services

Brief Outline of Services

- |                                   |        |  |
|-----------------------------------|--------|--|
| 3. Environmental Sanitation       | ... .. | Rural Sanitation Campaign in surrounding villages conducted by P.H. Inspector and P.H. Overseers under the direction of the M. and H. O. Sanitation Labourers help in construction of demonstration wells, latrines, etc., in the villages.  |
| 4. Medical Care                   | ... .. | <p>(a) Weekly General Sick Clinics at Main Centre and Sub-Centres.</p> <p>(b) Travelling Dispensaries on other days.</p> <p>(c) Home visiting and follow-up of cases and defaulters.</p>   |
| 5. Dental Care                    | ... .. | <p>(a) Weekly Dental Clinics at Main Centre and Sub-Centres.</p> <p>(b) Visits to schools.</p> <p>(c) Dental Care of pregnant mother and of children.</p>  |
| 6. Laboratory Services            | ... .. | Simple Laboratory procedures carried out by Hospital Assistant and M.C.E. Staff.   |
| 7. Health Education of the Public | ... .. | <p>(a) Carried out by all categories of staff, given to individuals or to groups at home, in the clinics, school, etc.</p> <p>(b) Use of visual aids, e.g., flannel-graphs, posters, demonstration, health exhibitions, films, etc.</p> <p>(c) Community organisation for health projects.</p> |
| 8. Records and Reporting          | ... .. | <p>(a) Recording and reporting of work load and accomplishments.</p> <p>(b) Compiling Vital and Health Statistics of the operational area.</p> <p>(c) Collection and analysis of information and statistical data.</p>   |

**Cost of a Rural Health Unit (Capital Cost and Operating Cost)**

(1) TOTAL ESTIMATED CAPITAL COST ... .. \$1,300,000

*Main Health Centre*

Clinic building ... ..	\$ 35,000
Administrative block ... ..	20,000
Quarters for staff, garage, and store room ...	270,000
Land ... ..	10,000
Furniture and equipment ... ..	25,000
Total ...	<u>\$360,000</u>

*Health Subcentres (4 for each unit)*

Clinic building ... ..	\$ 35,000
Quarters for staff, garage and store room ...	110,000
Land ... ..	5,000
Furniture and equipment ... ..	10,000
Total ...	<u>\$160,000</u>
Total for (4) ...	<u>640,000</u>

*Midwife's Clinic-cum-Quarters (20 for each unit)*

Building ... ..	\$ 13,000
Land ... ..	500
Furniture and equipment ... ..	1,500
Total ...	<u>\$ 15,000</u>
Total for (20) ...	<u>300,000</u>

(2) TOTAL ESTIMATED ANNUAL RECURRENT COST ... .. \$ 350,000

*Main Health Centre*

Personal Emoluments ... ..	\$ 95,000
Other Charges Annual Recurrent ... ..	40,000
Total ...	<u>\$135,000</u>

*Health Subcentres (4 for each unit)*

Personal Emoluments ... ..	\$120,000
Other Charges Annual Recurrent ... ..	80,000
Total ...	<u>\$200,000</u>

The operating cost for providing health services per head is approximately \$7.00 excluding capital expenditure and other services such as water supply, etc.

## Implementation Progress

The following progress has been achieved in physical construction since 1956:

			Main Health Centre	Health Sub-Centre	Midwife Clinic-cum-Qrs.
First Malaya Plan (1956/1960)	...	...	8	8	26
Second Malaya Plan (1961/1965)	...	...	31	114	617
Total up to 1965			39	122	643
First Malaysia Plan (1966/1970)					
—completed 1966-1969	...	...	3	47	240
—to be completed 1970	...	...	2	11	60
Total up to 1970			44	180	943

(See Appendix IA—List of Health Centres and Midwives Clinics completed since 1956).

The following ratios of facilities/population, have been achieved so far:

Year	Estimated Rural Population	FACILITIES/POPULATION RATIO		
		Main Centres	Sub-Centres	Midwife Clinic
1960	5.1 m.	1: 638,000	1: 319,999	1: 121,000*
1965	5.8 m.	1: 150,000	1: 36,300	1: 7,300*
1970	6.8 m.	1: 151,000	1: 29,000	1: 5,500*
(Target)	—	(1: 50,000)	(1: 10,000)	(1: 2,000)

From the above, it can be concluded that, although progress in physical construction was slow in the First Malaya Plan, this had picked up in the Second Malaya Plan; and that in the First Malaysia Plan the gains had been consolidated so that progress had been maintained in the face of an expanding population. However, the target of 1 rural health unit for every 50,000 rural population has not yet been achieved.

In the meantime the Planning and Research Division of the Ministry is carrying out an assessment of the Rural Health Service through an Operations Research Team staffed by WHO experts and their national counterparts. The study is made up of two parts—the service study and the community study. The result of this

\* This ratio does not take into consideration midwives who reside in the kampongs and do not operate from midwife clinics-cum-quarters.



study will provide useful information on the utilization-pattern of the service by the community, the degree the service has satisfied the needs and demands of the rural population and its effectiveness and efficacy in reducing health problems.

The result of this study is expected in mid-1972, when a thorough review of the service will be made with a view to modifying the service so that it would function at its optimum efficiency.

### **Mortality Rates as Indicators of Progress**

Appendix II show the vital statistical rates from 1946-1968 pertaining to the fall in mortality rates in West Malaysia. No breakdown figures are available for rural and urban areas. However, the more rapid rate of fall of infant mortality rates of Malays as compared to the other Ethnic Groups, particularly since 1957, is indicative of the improved health and socio-economic conditions in the rural areas. (See Appendix III).

### **2nd Malaysia Plan: (1971-1975)**

Continued emphasis will be placed on the expansion of the Rural Health Service in the 2nd Malaysia Plan (1971-1975). A sum of \$30 million has been sought for this purpose. It is proposed to build the following units during 1971-1975—

- 15 Main Health Centres;
- 56 Health Sub-Centres; and
- 245 Midwives Clinics-cum-Quarters.

### **Other National Public Health Programmes**

The Ministry of Health has launched a number of Public Health Programmes on a national basis. These programmes cut-across State and other boundaries and cover both the urban and rural population. These programmes are—

- (a) *The Yaws Elimination Programme* which has been most successful and a case of yaws in the riverine rural areas is now an exception rather than a rule. There is every indication that this disease, which was once a scourge of the riverine areas, will be totally eradicated from this country in due course.
- (b) *Tuberculosis*—The National Tuberculosis Control Programme which commenced in 1961 is now fully operational. 60 Chest Clinics with ward facilities have been established throughout the country.

The components of the Control Programme are—

- (i) *The Training Programme* aims at training different categories of technical personnel sufficient in numbers for the country-wide control campaign has progressed satisfactorily and some 2,481 personnel have been trained.
- (ii) *The B.C.G. Vaccination Programme* aims at protecting the susceptible members of the population against tuberculosis has topped the 3 million mark by the end of 1970.
- (iii) *The Case-finding Drive* using mass miniature X-ray units followed by bacteriological examination of sputum of cases showing X-ray abnormalities on a routine basis is being progressively reduced and greater emphasis is being placed on bacteriological examination of sputum of suspected cases of tuberculosis.

There are definite indications that the incidence of tuberculosis is on a downward trend. The infection rate in the child population has been halved, and so has the incidence of the disease.

A tuberculosis prevalence survey was launched in May 1970 and was conducted in 72 randomly selected population clusters distributed all over West Malaysia. Each cluster comprised 75 households or approximately 350 people. Each Survey Team was composed of—

- (i) A registration sub-team;
- (ii) An examination sub-team; and
- (iii) A follow-up team.

This survey was completed recently and the final results will be available in April, 1971.

This survey is also tied up with the move to structure and fully integrate the Tuberculosis Control Programme with the basic health services in areas where the disease has ceased to be a public health problem.

- (c) *Malaria*—The Malaria Eradication Programme in West Malaysia is directed by the Division of Malaria at the Ministry of Health. A State Malaria Eradication Office, one in each State, will be established. This Office will be headed by a State Malariologist who receives overall administrative supervision from the Chief Medical and Health Officer, and technical operational directions and supervision from MEP Headquarters at the Ministry of Health. The State Malariologist supervises all the District Malaria Eradication Offices. Each District is sub-divided into Sectors, each with a population of 40,000-50,000. Six State Malaria Eradication Offices have been established in Perlis, Kedah, Penang, Perak, Kelantan and Trengganu. Another will be established in Pahang in 1971.

The "1st Stage" of the operation covered 5 Districts with a population of 701,805 in Perlis, Kedah and Penang States. The 1st cycle of spraying started on 11 July, 1968 and was completed by 28 February, 1969. The 2nd, 3rd, 4th and 5th cycles of spraying have been completed by the end of 1970. In 1971 they will enter into the 6th and 7th cycles.

Geographical reconnaissance in all 11 Districts of the "2nd Stage" operational areas in Kedah and Penang States covering a population of 1,104,886 was completed by January 1969. Spraying operations in this area has now reached the 4th cycle and by the end of 1971 the 5th spraying cycle is expected to be completed.

The geographical reconnaissance in the "3rd Stage" area of the six Districts in Northern Perak and Kelantan with a population of 364,822 which started in August 1969 has been completed. By the end of 1970 the 1st spraying cycle has also been completed. In 1971 two more cycles of spraying operations are expected to be carried out.

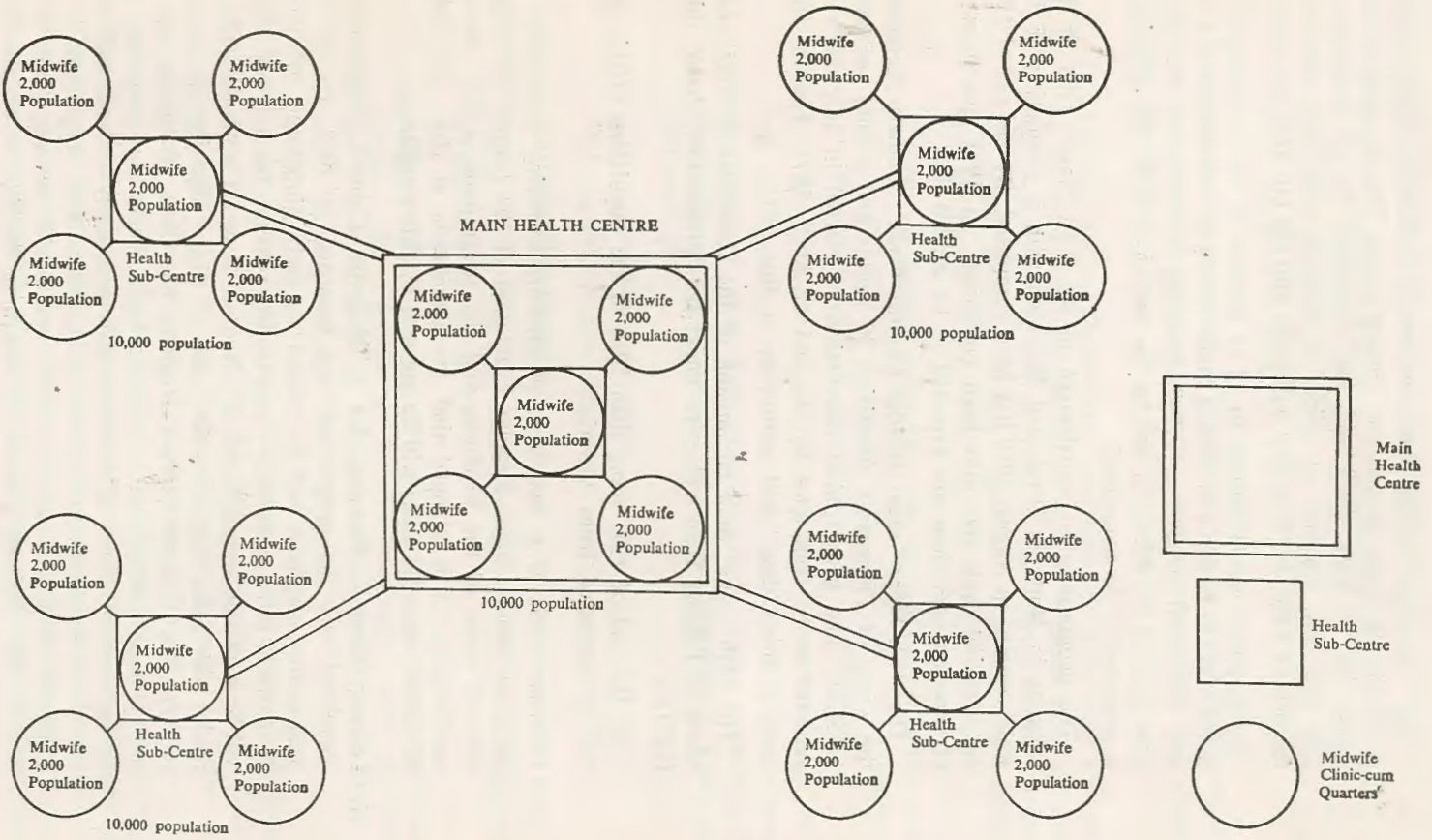
The "4th Stage" area includes Central Perak, Southern Kelantan and the whole of Trengganu comprising 30 sectors and a total population of 1,724,241, and geographical reconnaissance started in July 1970 and is expected to be completed by the end of April, 1971. The 1st spraying cycle in this "Stage" will commence in July 1971.

The "5th Stage" area comprising of the remainder of Perak and the whole of Pahang State will come under the "preparatory phase" this year (1971).

By the end of 1971 more than 50% of the population of this country will be protected from Malaria.

- (d) *Filariasis*—This is a long-term programme involving population group living in remote areas. Regular evaluation of the control campaign has reduced many of the weaknesses and the programme is now proceeding satisfactorily. It is planned that the population at risk, now living in all known endemic areas will be covered by this programme.
- (e) *Leprosy Control*—Planning for a National Control Programme was completed and the programme was launched in 1968. In the control programme, emphasis will be placed on early ambulatory treatment of the patients through an active case-finding scheme. Institutional treatment will be restricted to admission of infectious cases for a period sufficient to render the cases non-infectious and of those requiring re-constructive surgery. The Central Leprosy Registry has been established and four skin clinics have started in priority areas where the incidence of the disease is high. More skin clinics with adequately trained staff will be opened as the programme gathers momentum. This programme is being integrated with the existing medical and health services from the very outset. The primary objective of this programme is to reduce the incidence of leprosy so that the disease will not be a public health hazard and it is estimated that this will take about 20 years.

RURAL HEALTH SERVICE



RURAL HEALTH UNIT FOR 50,000 POPULATION

## RURAL HEALTH SCHEME

LIST OF MAIN HEALTH CENTRES, HEALTH SUB-CENTRES AND  
MIDWIVES' CLINIC-CUM-QUARTERS COMPLETED SINCE 1956-1970

State and Locality	Year of Completion
<b>KEDAH</b>	
<i>Main Health Centre (3)</i>	
Jitra, Kubang Pasu ... ..	1956
Pokok Sena, Kota Star ... ..	1962
Serdang (Phase I), Bandar Bahru ... ..	1963
<i>Health Sub-Centre (20)</i>	
Kodiang, Kubang Pasu ... ..	1958
Banai, Kubang Pasu ... ..	1960
Tunjang, Kubang Pasu ... ..	1960
Mahang, Kulim ... ..	1962
Guar Chempadak, Yen ... ..	1962
Kuala Nerang, Padang Terap ... ..	1962
Padang Serai, Kulim ... ..	1962
Sungei Tiang (FLDA), Kota Star .. ..	1962
Ayer Itam, Kubang Pasu ... ..	1963
Kubor Panjang, Kota Star ... ..	1963
Karangan, Kulim ... ..	1963
Sik, Sik ... ..	1963
Lubok Buntar, Bandar Bahru ... ..	1963
Bukit Selambu, Kuala Muda ... ..	1963
Jeniang, Sik ... ..	1963
Kampung Lalang, Baling ... ..	1963
Padang Masirat, Langkawi ... ..	1963
Merbok, Kuala Muda ... ..	1963
Kuala Ketil, Baling ... ..	1968
Langgar, Kota Star ... ..	1969
<i>Midwives Clinic-cum-Quarters (116)</i>	
Bukit Pinang, Kota Star ... ..	1960
Kampung Binjai, Kubang Pasu ... ..	1960
Kuah, Langkawi ... ..	1962
Sungei Balang, Sik ... ..	1962
Tikam Batu, Kuala Muda ... ..	1962
Kampung Melaka, Sik ... ..	1962
Bukit Meriam, Kuala Muda ... ..	1962
Tanjong Dawai, Kuala Muda ... ..	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Bujang, Kuala Muda ... ..	1962
Bedong, Kuala Muda ... ..	1962
Kampong Tiak, Baling ... ..	1962
Selama, Bandar Bharu ... ..	1962
Sungei Limau, Kulim ... ..	1962
Jabi, Kota Star ... ..	1962
Naka, Padang Terap ... ..	1962
Hutan Kampong, Kota Star ... ..	1962
Kuala Pegang, Baling ... ..	1962
Sg. Kechil Ilir, Bandar Bharu ... ..	1962
Labu Besar, Kulim ... ..	1962
Tualang, Kota Star ... ..	1962
Sungei Ular, Kulim ... ..	1962
Kampong Bukit/B. Lada, Kota Star ... ..	1962
Kampong Sedim, Kulim ... ..	1962
Parit Nebong, Bandar Bharu ... ..	1962
Bandar Bharu, Bandar Bharu ... ..	1962
Napor, Kubang Pasu ... ..	1962
Telok Malek, Kubang Pasu ... ..	1962
Bukit Tembaga (FLDA), Padang Terap ... ..	1962
Batu Lapan (FLDA), Kubang Pasu ... ..	1962
Megat Dewa, Kubang Pasu ... ..	1962
Kampong Permatang Berangan, Kuala Muda ... ..	1962
Semeling, Kuala Muda ... ..	1962
Padang Nyior, Padang Terap ... ..	1962
Tajar, Kota Star .. ...	1962
Nami, Padang Terap ... ..	1962
Jerlon, Kubang Pasu ... ..	1962
Sungei Batu, Bandar Bahru ... ..	1962
Relau, Bandar Bharu ... ..	1962
Kelang Lama, Kulim ... ..	1962
Ayer Merah, Kulim ... ..	1962
Kampong Sidam, Kulim ... ..	1962
Bikan, Kulim ... ..	1962
Terap, Kulim ... ..	1962
Kampong Ayer Puteh, Kulim ... ..	1962
Keladi, Kulim ... ..	1962
Sungei Seluang, Kulim ... ..	1962
Sungei Karangan N.V., Kulim ... ..	1962
Durian Burong, Kulim ... ..	1962
Kampong Tembak, Baling ... ..	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Weng, Baling ... ..	1962
Bandar, Baling ... ..	1962
Kampung Tanjong Pari, Baling ... ..	1962
Kampung Kijai, Baling ... ..	1962
Kampung Pisang, Baling ... ..	1962
Telok Sera, Baling ... ..	1962
Kampung Bongor, Baling ... ..	1962
Kampung Badang, Baling ... ..	1962
Kampung Malau, Baling ... ..	1963
Sungei Kob N.V., Kulim ... ..	1963
Guar Lobak, Kulim ... ..	1963
Sebrang Kuala Kedah, Kota Star ... ..	1963
Kampung Kubong Rotan, Kota Star ... ..	1963
Sungei Limau Dalam, Yen ... ..	1964
Lubok Sega, Kuala Muda ... ..	1964
Gurun, Kuala Muda ... ..	1964
Lana Bulu, Kubang Pasu ... ..	1964
Kampung Bukit (Derang), Kota Star ... ..	1964
Kampung Sanglang, Kubang Pasu ... ..	1964
Kepala Batas, Kubang Pasu ... ..	1964
Sungei Korok, Kubang Pasu ... ..	1964
Padang Durian, Kota Star ... ..	1964
Padang Sanai, Padang Terap ... ..	1964
Pulau Tuba, Langkawi ... ..	1965
Kedawang, Langkawi ... ..	1965
Tokai, Kota Star ... ..	1965
Bukit Jambol, Kota Star ... ..	1965
Padang Pusing, Kota Star ... ..	1965
Kampung Pertama Buloh, Yen ... ..	1965
Tandop, Kota Star ... ..	1965
Gunong, Kota Star ... ..	1965
Kampung Betong, Sik ... ..	1965
Kampung Sinkir Darat, Yen ... ..	1965
Baling, Baling ... ..	1965
Tawar, Baling ... ..	1965
Padang Perahu, Kubang Pasu ... ..	1965
Batu 4 Sanglang, Kubang Pasu ... ..	1965
Kuala Kedah, Kota Star ... ..	1966
Tanah Merah, Kota Star ... ..	1966
Yan Kechil, Yen ... ..	1966
Kampung Musa (Pedu), Padang Terap ... ..	1966

*Midwives Clinic-cum-Quarters—(cont.)*

Teloi Kanan (FLDA), Baling ... ..	1966
Kampung Haji Kudong, Kuala Muda ... ..	1967
Batu Belachan, Kuala Muda ... ..	1967
Batu Lintang, Kuala Muda ... ..	1967
Kg. Kuala Sim, Kuala Muda ... ..	1968
Kg. Kuala Jeneri, Sik ... ..	1968
Kg. Chemara, Sik ... ..	1968
Lubok Merbau, Padang Terap ... ..	1968
Bukit Payong, Kota Star ... ..	1968
Kampung Lepai, Kota Star ... ..	1968
Pokok Asam, Kota Star ... ..	1968
Simpang Tiga/Sg. Limau, Yen ... ..	1968
Kg. Tandop Besar, Padang Terap ... ..	1968
Kubong Lintah, Padang Terap ... ..	1968
Bukit Besar, Yen ... ..	1969
Kampung Chepit, Sik ... ..	1969
Kampung Darat, Kubang Pasu ... ..	1969
Malau, Kubang Pasu ... ..	1969
Cherok Kudong, Kota Star ... ..	1969
Batu Tiga, Kuala Muda ... ..	1969
Kg. Sungei Limau, Baling ... ..	1969
Kuala Merah, Baling ... ..	1969
Kuala Kangkong, Kota Star ... ..	1969
Ulu Melaka, Langkawi ... ..	1969
Kampung Feeder II, Kubang Pasu ... ..	1969
Kg. Pg. Kerat Tekunjok, Bandar Bharu ...	1970

## PERLIS

*Main Health Centre (1)*

Simpang Ampat ... ..	1963
----------------------	------

*Health Sub-Centre (5)*

Beseri ... ..	1962
Kuala Perlis ... ..	1963
Kaki Bukit ... ..	1963
Kampung Gial ... ..	1963
Kuala Sanglang ... ..	1966



*Midwives Clinic-cum-Quarters (28)*

Kampong Abi ... ..	1962
Surau Utan Aji ... ..	1962
Paya ... ..	1962
Kampong Padang Melangit ... ..	1962
Utan Aji (Behor Lateh) ... ..	1962
Seriab ... ..	1962
Kg. Sungei Baharu Utan Aji ... ..	1962
Seberang Ramai ... ..	1962
Tambun Tualang ... ..	1962
Kg. Limau Manis (Sg. Padang) ... ..	1962
Kuala Sungei Bharu ... ..	1962
Kampong Panggas ... ..	1962
Padang Besar ... ..	1963
Titi Tinggi ... ..	1963
Tasoh ... ..	1963
Arau (Guar Sanji) ... ..	1963
Kampong Padang Malau ... ..	1963
Padang Siding ... ..	1963
Guar Namka ... ..	1963
Jejawi ... ..	1963
Kampong Serdang ... ..	1966
Mata Ayer ... ..	1966
Kepala Batas, Sanglang ... ..	1966
Padang Keria ... ..	1966
Kampong Santan ... ..	1969
Kampong Tok Kaya (Sanglang) ... ..	1969
Kampong Pekan Puah ... ..	1970
Kampong Bintang ... ..	1970

## PENANG

*Main Health Centre (2)*

Kubang Semang, Central P.W. ... ..	1964
Bayan Lepas ... ..	1970

*Health Sub-Centre (6)*

Sungei Bakap, P.W. South ... ..	1963
Balek Pulau, S.W. Penang ... ..	1963
Tassek Glugor, P.W. North ... ..	1963
Penaga, P.W. North ... ..	1966
Kepala Batas, P.W. North ... ..	1966
Sungei Dua, N.E. Penang ... ..	1968

*Midwives Clinic-cum-Quarters (54)*

Pinang Tunggal, P.W. North ... ..	1962
Permatang Buloh, P.W. North ... ..	1962
Laher Kapar, P.W. North ... ..	1962
Permatang Janggus, P.W. North ... ..	1962
Bukit Indra Muda, P.W. Central ... ..	1962
Sungei Bakau, P.W. South ... ..	1962
Pulau Aman, P.W. South ... ..	1962
Paya Terubong, N.E. Penang ... ..	1962
Tasek, P.W. South ... ..	1962
Kampung Besar (Nanas) P.W. South ... ..	1962
Alma, P.W. Central ... ..	1962
Pulau Betong, S.W. Penang ... ..	1962
Sungei Burong, S.W. Penang ... ..	1962
Sungei Pinang, S.W. Penang ... ..	1962
Telok Bahang, S.W. Penang ... ..	1962
Telok Kumbar, S.W. Penang ... ..	1962
Kampung Pekan Darat, P.W. North ... ..	1962
Padang Menora, P.W. North ... ..	1962
Permatang Sintok, P.W. North ... ..	1962
Kampung Selamat, P.W. North ... ..	1963
Telok Ayer Rawar, P.W. North ... ..	1963
Sungei Aceh, P.W. South ... ..	1964
Permatang Damar Laut, S.W. Penang ... ..	1964
Pantai Aceh, S.W. Penang ... ..	1964
Bukit Tengah, P.W. Central ... ..	1964
Permatang Puah, P.W. Central ... ..	1964
Paya Keladi, P.W. North ... ..	1964
Bukit Tambun, P.W. South ... ..	1964
Kampung Sekolah Juru, P.W. Central ... ..	1964
Pokok Sena, P.W. North ... ..	1965
Bagan Ajam, P.W. North ... ..	1965
Permatang Ara, P.W. Central ... ..	1965
Pasir Gebu, P.W. North ... ..	1965
Sungei Duri, P.W. South ... ..	1965
Sungei Batu, S.W. Penang ... ..	1965
Gertak Sanggol, S.W. Penang ... ..	1965
Thean Teik Estate, N.E. Penang ... ..	1965
Sg. Tiram, S.W. Penang ... ..	1965
Sg. Puyu, P.W. North ... ..	1965
Bagan Dalam, P.W. North ... ..	1965
Pajak Song, P.W. North ... ..	1965

*Midwives Clinic-cum-Quarters—(cont.)*

Tanjong Berambang, P.W. South	...	...	1965
Changkat Village, P.W. South	...	...	1965
Wellesley, P.W. South	...	...	1965
Tok Bedu, P.W. North	...	...	1965
Batu Ferringhi, N.E. Penang	...	...	1966
Permatang Bendahari, P.W. North	...	...	1966
Padang Ibu, P.W. Central	...	...	1966
Permatang To' Mahat, P.W. South	...	...	1966
Kampong Pertama, P.W. Central	...	...	1967
Permatang Rawa, P.W. Central	...	...	1968
Bubong Lima, P.W. North	...	...	1968
Kubang Ulu, P.W. Central	...	...	1969
Machang Bubok, P.W. Central	...	...	1969

## PERAK

*Main Health Centre (7)*

Parit, Kuala Kangsar	...	...	1956
Bagan Datoh (Phase I), Lower Perak	...	...	1962
Bidor (Phase I), Batang Padang	...	...	1963
Bagan Serai (Phase I), Krian	...	...	1963
Tg. Tuallang (Phase I), Kinta	...	...	1963
Changkat Jering (Phase I), Matang	...	...	1965
Lenggong, Upper Perak	...	...	1969

*Health Sub-Centre (28)*

Sitiawan, Dindings	...	...	1960
Sungei Siput, Kinta	...	...	1961
Slim River, Batang Padang	...	...	1961
Selama, Selama	...	...	1962
Bota Kiri, Kuala Kangsar	...	...	1963
Kampar, Kinta	...	...	1963
Chendrong Balai, Lower Perak	...	...	1963
Pangkor Island, Dindings	...	...	1963
Lambor Kiri, Kuala Kangsar	...	...	1964
Batu Kurau, Larut dan Matang	...	...	1964
Padang Rengas, Kuala Kangsar	...	...	1964
Bruas, Dindings	...	...	1964
Kampong Lintang, Kuala Kangsar	...	...	1965
Sungkai, Batang Padang	...	...	1965
Hutan Melintang, Lower Perak	...	...	1965
Pantai Remis, Dindings	...	...	1965

*Health Sub-Centre—(cont.)*

Semanggol, Krian ... ..	1966
Sungei Krang, Matang ... ..	1966
Tapah, Batang Padang ... ..	1966
Sungei Sumun, Lower Perak ... ..	1966
Kampong Gajah, Lower Perak ... ..	1966
Kota Bharu (Modified), Kinta ... ..	1968
Langkap, Lower Perak ... ..	1968
Kroh, Upper Perak ... ..	1969
Sungei Bayor, Larut dan Matang ... ..	1969
Kuala Kutau, Krian ... ..	1969
Batu Lapan Lekhir, Dindings ... ..	1970
Port Weld, Larut dan Matang ... ..	1970

*Midwives Clinic-cum-Quarters (124)*

Kampong Pasir Gajah, Kuala Kangsar ...	1961
Kampong Blanja Kiri, Kuala Kangsar ...	1961
Kampong Tepus, Kuala Kangsar ...	1961
Slim Village, Batang Padang ...	1961
Kampong Tukang Sedin, Lower Perak ...	1961
Tapah Road, Batang Padang ...	1961
Pantai Besar (Sg. Ara), Larut Matang ...	1962
Bukit Chupak, Kuala Kangsar ...	1962
Kampong Layang Kanan, Kuala Kangsar ...	1962
Kampong Padang Changkat, Kuala Kangsar ...	1962
Kampong Lambor Kanan, Kuala Kangsar ...	1962
Ijok (FLDA), Larut dan Matang ...	1962
Kampong Trosor, Kuala Kangsar ...	1962
Kampong Lawin, Upper Perak ...	1962
Kampong Tawai, Upper Perak ...	1962
Kampong Laut, Upper Perak ...	1962
Kampong Tasek, Upper Perak ...	1962
Kampong Chepor, Upper Perak ...	1962
Kampong Sauk, Kuala Kangsar ...	1962
Kampong Bukit Sapi, Upper Perak ...	1962
Kampong Temoh N.V. (Temoh Station), Btg. Padang ... ..	1962
Kampong Chenderiang, Batang Padang ...	1962
Kampong Poh, Batang Padang ...	1962
Sungei Lesong, Batang Padang ...	1962
Kampong Banir, Batang Padang ...	1962
Kampong Behrang Ulu, Batang Padang ...	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Kampong Kelawar, Batang Padang ... ..	1962
Kampong Jambai, Batang Padang ... ..	1962
Kampong Guntong, Batang Padang ... ..	1962
Kampong Simpang Tiga (Selengkok), Lower Perak ... ..	1962
Kampong Simpang Ampat, Lower Perak ...	1962
Kampong Chui Chak, Lower Perak ... ..	1962
Kampong Kota Sita, Lower Perak ... ..	1962
Kampong Pulau Besar, Lower Perak ... ..	1962
Kampong Bharu, Dindings ... ..	1962
Kampong Batu 10, Lekhir, Dindings ... ..	1962
Kampong Pekan Gurney, Dindings ... ..	1962
Kampong Changkat Kruing, Dindings ... ..	1962
Kampong Panchor, Dindings ... ..	1962
Kampong Balun Bidai, Lower Perak ... ..	1963
Kampong Kota Bharu, Kinta ... ..	1963
Kampong Malim Nawar, Kinta ... ..	1963
Kampong Pulau Tiga Kanan, Lower Perak ...	1963
Kampong Selat Pulau, Lower Perak ... ..	1963
Kampong Melayu, Lower Perak .. ..	1963
Kampong Telok Sena, Kuala Kangsar ... ..	1963
Bersia (FLDA), Upper Perak ... ..	1963
Sungei Klah (FLDA), Batang Padang ... ..	1963
Kampong Plang, Upper Perak ... ..	1963
Kampong Kayan, Dindings ... ..	1963
Kampong Temerloh, Larut dan Matang ... ..	1963
Kampong Bagan Pasir, Lower Perak ... ..	1964
Kampong Sungei Tiang, Lower Perak ... ..	1964
Kampong Kota Tampin, Upper Perak ... ..	1964
Kampong Sumpitan, Upper Perak ... ..	1964
Kampong Chegar Galah, Kuala Kangsar ... ..	1964
Kampong Loh, Kuala Kangsar ... ..	1964
Kampong Sungei Durian, Kinta ... ..	1964
Kampong Changkat Suleiman, Batang Padang	1964
Kampong Gula, Krian ... ..	1964
Kampong Kuak, Upper Perak ... ..	1964
Kampong Telok Kepayang, Kuala Kangsar ...	1964
Kampong Telok Bakong, Kuala Kangsar ...	1964
Jeram Mengkuang, Batang Padang ... ..	1964
Ayer Kuning, Batang Padang ... ..	1964
Kampong Pasir, Batang Padang ... ..	1964

*Midwives Clinic-cum-Quarters—(cont.)*

Kampung Bikam, Batang Padang	..	...	1964
Matang Batu, Larut dan Matang	...	...	1964
Bukit Merah, Krian	...	...	1964
Titi Serong, Krian	...	...	1964
Tanjong Bidara, Lower Perak	...	...	1964
Pasir Garam, Lower Perak	...	...	1964
Sungei Samak, Lower Perak	...	...	1964
Lasah (FLDA), Kuala Kangsar	...	...	1965
Pengkalan Pegoh, Kinta	...	...	1965
Gunong Panjang, Kinta	...	...	1967
Ulu Chemor, Kinta	...	...	1967
Behrang Station, Batang Padang	...	...	1967
Kampung Salaba, Lower Perak	...	...	1967
Karai Seberang (Jamuan), Kuala Kangsar	...	...	1967
Bekor, Kuala Kangsar	...	...	1967
Sungei, Behrang (FLDA), Batang Padang	...	...	1967
Kampung Mesjid, Selama	...	...	1968
Padang Gajah, Larut dan Matang	...	...	1968
Kubu Gajah, Selama	...	...	1968
Bagan Bharu, Selama	...	...	1968
Kampung Dendang, Dindings	...	...	1968
Sungei Bharu, Krian	...	...	1968
Bagan Tiang, Krian	...	...	1968
Pasir Hitam, Larut dan Matang	...	...	1968
Kampung Kedah (Bukit Buntar), Krian	...	...	1968
Kg. Telok Sareh, Lower Perak	...	...	1968
Kampung Selinsing, Krian	...	...	1969
Ulu Kenas, Kuala Kangsar	...	...	1969
Menora, Kuala Kangsar	...	...	1969
Kampung Beng, Ulu Perak	...	...	1969
Kati, Kuala Kangsar	...	...	1969
Lubok Merbau, Kuala Kangsar	...	...	1969
Kota Lama Kanan, Kuala Kangsar	...	...	1969
Saiong Tengah, Kuala Kangsar	...	...	1969
Pasir Panjang Laut, Dindings	...	...	1969
Kampung Koh, Dindings	...	...	1969
Segari, Dindings	...	...	1969
Telok Morok, Dindings	...	...	1969
Kampung Kedah, Dindings	...	...	1969
Changkat Lobak, Krian	...	...	1969
Sg. Pinang Kechil, Dindings	...	...	1969

*Midwives Clinic-cum-Quarters—(cont.)*

Kampong Chikus, Hilir Perak ... ..	1969
Kampong Banjar, Hilir Perak ... ..	1969
Kampong Pinang, Larut dan Matang ... ..	1969
Kampong Sitiawan, Dindings ... ..	1969
Kampong Beluru, Kuala Kangsar ... ..	1969
Sungai Rubana, Hilir Perak ... ..	1969
Hujong Marang, Larut dan Matang ... ..	1969
Tuallang Sekah, Kinta ... ..	1969
Bukit Pekan, Kinta ... ..	1969
Sungei Lampam, Hilir Perak ... ..	1969
Krunei, Ulu Perak ... ..	1970
Ayer Panas, Ulu Perak ... ..	1970
Layang Kiri, Parit ... ..	1970
Kampong Kubu, Larut dan Matang ... ..	1970
Tebok Matau, Krian ... ..	1970
Jalan Gula, Krian ... ..	1970
Bagan Pasir Laut, Hilir Perak ... ..	1970

## SELANGOR

*Main Health Centre (7)*

Kuala Kubu Bharu, Ulu Selangor ... ..	1956
Tanjong Karang (Phase I), Kuala Selangor ... ..	1962
Sungei Pelek (Phase I), Kuala Langat ... ..	1962
Rawang (Phase I), Ulu Selangor ... ..	1962
Sungei Besar, Sabak Bernam ... ..	1963
Telok Datoh, Kuala Langat ... ..	1963
Semenyih, Ulu Langat ... ..	1963

*Health Sub-Centre (21)*

Sabak Bernam, Sabak Bernam ... ..	1960
Kalumpang (Phase I), Ulu Selangor ... ..	1962
Kapar, Klang ... ..	1962
Sungei Ayer Tawar, Sabak Bernam ... ..	1962
Parit Bharu (Phase I), Sabak Bernam ... ..	1963
Sekinchan, Kuala Selangor ... ..	1963
Jeram, Kuala Selangor ... ..	1963
Sungei Selisek, Ulu Selangor ... ..	1963
Rasa T.B., Ulu Selangor ... ..	1963
Ulu Yam Bharu, Ulu Selangor ... ..	1963
Bagan Terap, Sabak Bernam ... ..	1965
Kuala Selangor, Kuala Selangor ... ..	1965

*Health Sub-Centre—(cont.)*

Ulu Langat T.B., Ulu Langat ... ..	1965
Pulau Ketam, Klang ... ..	1966
Kanchong Darat, Kuala Langat ... ..	1968
Kuang, Ulu Selangor ... ..	1969
Dengkil, Ulu Langat ... ..	1969
Kampung Ijok, Kuala Selangor ... ..	1969
Salak Village, Kuala Langat ... ..	1970
Gombak, Kuala Lumpur ... ..	1970
Serdang Bharu, Kuala Lumpur ... ..	1970

*Midwives Clinic-cum-Quarters (98)*

Segambut, Kuala Lumpur ... ..	1960
Pasangan/Kampung Kuantan, Kuala Selangor	1962
Kampung Bharu (Meru), Klang ... ..	1962
Kampung Jalan Kebun, Klang ... ..	1962
Kampung Pulau Lumut, Klang ... ..	1962
Kampung Jendram, Ulu Langat ... ..	1962
Bukit Changgang, Kuala Langat ... ..	1962
Kerling, Ulu Selangor ... ..	1962
Rasa Kampong Bukit, Ulu Selangor ... ..	1962
Puchong, Kuala Lumpur ... ..	1962
Kundang, Ulu Selangor ... ..	1962
Sungei Lui, Ulu Langat ... ..	1962
Ijok N.V., Kuala Selangor ... ..	1962
Kampung Bukit Kapar, Klang ... ..	1962
Ulu Bernam, Ulu Selangor ... ..	1962
Ulu Klang, Kuala Lumpur ... ..	1962
Parit 9/10 ms., Sabak Bernam ... ..	1962
Simpang Lima, Sabak Bernam ... ..	1962
Teram Burok Ulu, Kuala Selangor ... ..	1962
Pasir Panjang, Kuala Selangor ... ..	1962
Bukit Cherakah, Kuala Selangor ... ..	1962
Kampung Sungei Tengah, Sabak Bernam ... ..	1962
Batu Laut, Kuala Langat ... ..	1962
Kampung Sungei Kundang, Kuala Langat ... ..	1962
Gedangsar (FLDA), Ulu Selangor ... ..	1962
Kg. Telok Batu 13 (Kg. Kebun Bharu), Kuala Langat ... ..	1962
Kampung Sungei Lang, Kuala Langat ... ..	1962
Kampung Giching Hilir, Kuala Langat ... ..	1962
Sungei Buaya (FLDA), Ulu Selangor ... ..	1962



*Midwives Clinic-cum-Quarters—(cont.)*

Seimenta, Klang ... ..	1962
Kampung Genting Malek, Ulu Selangor ...	1962
Sawah Sungei Burong, Kuala Selangor ...	1962
Bukit Bangkong, Kuala Langat ... ..	1962
Sungei Way N.V., Kuala Lumpur ... ..	1962
Pulau Meranti, Ulu Langat ... ..	1962
Subang, Kuala Lumpur ... ..	1962
Ulu Yam Lama, Ulu Selangor ... ..	1964
Kampung Labohan Dagang, Kuala Langat ...	1964
Kampung Morib, Kuala Langat ... ..	1964
Balakong, Ulu Langat ... ..	1964
Kampung Lui (18 ms.), Ulu Langat ... ..	1965
Telok Gong, Klang ... ..	1965
Sawah Sempadan, Kuala Selangor ... ..	1965
Simpang Sungei Choh, Ulu Selangor ... ..	1965
Kampung Sungei Merab, Ulu Langat ... ..	1965
Jaya Setia, Kuala Selangor ... ..	1965
Bukit Kerayong, Kuala Selangor <sup>1</sup> ... ..	1965
Kampung Batu 38/39, Sabak Bernam ... ..	1965
Simpang Ampat (B.N. Omar), Sabak Bernam	1965
Bukit Naga, Klang ... ..	1965
Kampung Sekendi, Sabak Bernam ... ..	1965
Sungei Dusun (FLDA), Ulu Selangor ... ..	1965
Batang Kali, Ulu Selangor ... ..	1965
Kampung Bharu, Sabak Bernam ... ..	1966
Parit 4/Sg. Haji Dorani, Sabak Bernam ...	1967
Tebok Jawa, Sabak Bernam ... ..	1967
Pasir Penambang, Kuala Selangor ... ..	1967
Bukit Kuching, Kuala Selangor ... ..	1967
Rantau Panjang, Klang ... ..	1967
Kampung Sungei Udang, Klang ... ..	1967
Kampung Padang Jawa, Klang ... ..	1967
Sijangkang, Kuala Langat ... ..	1967
Kampung Kelanang, Kuala Langat ... ..	1967
Bangi, Ulu Langat ... ..	1967
Sasapan Batu <sup>2</sup> , Ulu Langat ... ..	1967
Selayan Bharu, Kuala Lumpur ... ..	1967
Salak South, Kuala Lumpur ... ..	1967
Parit 4C/B2, Kuala Selangor ... ..	1968
Bagan Sungei Limah, Klang ... ..	1968
Sungei Merab T.R., Ulu Langat ... ..	1968

*Midwives Clinic-cum-Quarters—(cont.)*

Sungei Buaya (FLDA), Kuala Langat ...	...	1968
Sungei Tekali, Ulu Langat ...	...	1968
Paya Jeras, Kuala Lumpur ...	...	1968
Bukit Cheeding, Kuala Langat ...	...	1968
Kampung Penchala, Kuala Lumpur ...	...	1968
Sungei Serdang, Klang ...	...	1968
Kampung Batu Belah, Klang ...	...	1968
Batu Tiga, Klang ...	...	1968
Bagan Hylam, Klang ...	...	1969
Kg. Ulu Tiram Burok, Kuala Selangor ...	...	1969
Kg. Bukit Bedong, Kuala Selangor ...	...	1969
Kg. Sungei Sembilang, Kuala Selangor ...	...	1969
Rawang N.V., Ulu Selangor ...	...	1969
Parit Enam, Sabak Bernam ...	...	1969
Kampung Pandan, Kuala Lumpur ...	...	1969
Telok Menagon, Klang ...	...	1969
Telok Pulaui Bandar, Kuala Langat ...	...	1969
Telok Benut, Kuala Langat ...	...	1969
Kampung Endah, Kuala Langat ...	...	1969
Kampung Chempedak, Kuala Lumpur ...	...	1969
Bagan Teochuo, Kuala Selangor ...	...	1970
Cheras Batu 11, Ulu Langat ...	...	1970
Kg. Sungei Serah, Kuala Selangor ...	...	1970
Kg. Toh Muda, Kuala Selangor ...	...	1970
Sg. Rinchung Hilir, Ulu Langat ...	...	1970
Asam Jawa, Kuala Lumpur ...	...	1970
Kg. Sungei Mulia, Kuala Lumpur ...	...	1970
Parit 11-13, Sabak Bernam ...	...	1970

## NEGRI SEMBILAN

*Main Health Centre (2)*

Rembau, Rembau ...	...	1956
Bahau, Kuala Pilah ...	...	1962

*Health Sub-Centre (15)*

Gemenchah, Tampin ...	...	1958
Astanah Raja, Rembau ...	...	1958
Nilai, Seremban ...	...	1961
Tampin Tengah, Tampin ...	...	1962
Gunong Pasir, Kuala Pilah ...	...	1962
Simpang Durian, Jelevu ...	...	1962

*Health Sub-Centre—(cont.)*

Linggi, Port Dickson	...	...	...	...	1963
Rantau, Seremban	...	...	...	...	1963
Gemas, Tampin	...	...	...	...	1963
Pekan Juasseh, Kuala Pilah	...	...	...	...	1965
Terachi, Kuala Pilah	...	...	...	...	1968
Johol, Kuala Pilah	...	...	...	...	1968
Titi, Jelebu	...	...	...	...	1969
Lenggeng, Seremban	...	...	...	...	1969
Sri Menanti, Kuala Pilah	...	...	...	...	1969

*Midwives Clinic-cum-Quarters (64)*

Lubok China, Rembau	...	...	...	...	1959
Kampung Spree, Rembau	...	...	...	...	1959
Kampung Pedas, Rembau	...	...	...	...	1959
Kampung Sawah Raja, Rembau	...	...	...	...	1959
Kampung Kota, Rembau	...	...	...	...	1959
Ampangan, Seremban	...	...	...	...	1959
Pantai, Seremban	...	...	...	...	1959
Kampung Siliau, Port Dickson	...	...	...	...	1959
Pengkalan Bharu (Kempas), Port Dickson	...	...	...	...	1960
Telok Kemang, Port Dickson	...	...	...	...	1960
Pasir Panjang, Port Dickson	...	...	...	...	1960
Labu, Seremban	...	...	...	...	1960
Kampung Chua, Port Dickson	...	...	...	...	1960
Tampin Linggi, Port Dickson	...	...	...	...	1960
Kampung Pilin, Rembau	...	...	...	...	1961
Kampung Bongek, Rembau	...	...	...	...	1961
Kampung Gedok, Tampin	...	...	...	...	1961
Sendayan (FLDA), Seremban	...	...	...	...	1962
Labu (FLDA), Seremban	...	...	...	...	1962
Sri Menanti, Kuala Pilah	...	...	...	...	1962
Ampang Tinggi, Kuala Pilah	...	...	...	...	1962
Tanjong Ipoh, Kuala Pilah	...	...	...	...	1962
Batu Kikir, Kuala Pilah	...	...	...	...	1962
Kampung Tengek, Kuala Pilah	...	...	...	...	1962
Kuala Sawah, Seremban	...	...	...	...	1962
Kampung Ulu Beranang, Seremban	...	...	...	...	1962
Kampung Mantin Dalam, Seremban	...	...	...	...	1962
Ulu Klawang, Jelebu	...	...	...	...	1962
Ulu Juasseh, Kuala Pilah	...	...	...	...	1962
Rompin, Kuala Pilah	...	...	...	...	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Kuala Jempol, Kuala Pilah ... ..	1962
Kampung Peradong, Jelebu ... ..	1962
Simpang Pertang, Jelebu ... ..	1962
Kampung Senaling, Kuala Pilah ... ..	1963
Kampung Sungei Machang, Seremban ...	1963
Kampung Pulau Labu (Labu Hilir), Seremban	1963
Sungei Lui (FLDA), Kuala Pilah ... ..	1963
Bukit Rokan (FLDA), Tampin ... ..	1963
Kampung Sendayan, Tampin ... ..	1964
Ayer Kuning South, Tampin ... ..	1964
Bukit Pelandok, Port Dickson ... ..	1964
Kampung Jimah, Port Dickson ... ..	1964
Dangi, Kuala Pilah ... ..	1964
Ulu Pilah, Kuala Pilah ... ..	1964
Pelangei, Kuala Pilah ... ..	1964
Ayer Hitam, Kuala Pilah ... ..	1964
Bangkahulu, Tampin ... ..	1964
Sungei Dua, Kuala Pilah ... ..	1964
Keru, Tampin ... ..	1964
Kampung Talang, Kuala Pilah ... ..	1964
Pasir Besar (FLDA), Tampin ... ..	1965
Kampung Selamak, Rembau ... ..	1965
Bukit Jalor (FLDA), Tampin ... ..	1967
Sungei Kelama (FLDA), Tampin ... ..	1967
Sungei Jerneh, Tampin ... ..	1968
Kg. Ayer Mawang, Kuala Pilah ... ..	1968
Kampung Inas, Kuala Pilah ... ..	1968
Pertang, Jelebu ... ..	1968
Sikamat, Seremban ... ..	1968
Kampung Chennah, Jelebu ... ..	1969
Pajam, Seremban ... ..	1969
Senting Ulu, Kuala Pilah ... ..	1970
Ulu Rokan, Tampin ... ..	1970
Tebong, Tampin ... ..	1970

## MALACCA

*Main Health Centre (2)*

Alor Gajah, Northern Malacca ... ..	1957
Jasin, Southern Malacca ... ..	1962

*Health Sub-Centre (11)*

Selandar, Jasin ... ..	1962
Ramuan China Kechil (Lubok China), Alor Gajah ... ..	1962
Padang Sebang, Alor Gajah ... ..	1962
Bukit Rambai, Alor Gajah ... ..	1962
Kemandore (FLDA), Jasin ... ..	1962
Kuala Sungei Bharu, Alor Gajah ... ..	1963
Simpang Bekok, Jasin ... ..	1965
Durian Tunggal, Alor Gajah ... ..	1965
Sungei Rambai, Jasin ... ..	1968
Ayer Molek, Melaka Tengah ... ..	1969
Simpang Empat, Alor Gajah ... ..	1970

*Midwives Clinic-cum-Quarters (55)*

Lubok China, Alor Gajah ... ..	1959
Ramuan China Besar, Alor Gajah ... ..	1960
Brisu, Alor Gajah ... ..	1960
Lendu, Alor Gajah ... ..	1962
Chenderah, Jasin ... ..	1962
Batu Berendam, Melaka Tengah ... ..	1962
Krubong, Melaka Tengah ... ..	1962
Tangga Batu, Melaka Tengah ... ..	1962
Tebong, Alor Gajah ... ..	1962
Kampung Tehel, Jasin ... ..	1962
Padang Temu, Melaka Tengah ... ..	1962
Kampung Pasir, Jasin ... ..	1962
Sungei Siput, Alor Gajah ... ..	1962
Bertam Ulu, Melaka Tengah ... ..	1962
Semabok, Melaka Tengah ... ..	1962
Kuala Linggi, Alor Gajah ... ..	1962
Batang Melaka, Jasin ... ..	1962
Solok Paya Dalam, Melaka Tengah ... ..	1962
Kemandore (FLDA), Jasin ... ..	1962
Solok Menggong (FLDA), Alor Gajah ... ..	1962
Hutan Percha (FLDA), Alor Gajah ... ..	1962
Belimbing, Alor Gajah ... ..	1962
Bukit Katil, Melaka Tengah ... ..	1962
Serkam Pulai, Jasin ... ..	1962
Bukit Senggeh dan Jus, Jasin ... ..	1962
Bemban, Jasin ... ..	1962
Nyalas, Jasin ... ..	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Pantai Kundor, Melaka Tengah	...	...	1962
Tanjong Bidara, Alor Gajah	...	...	1962
Sebatu, Jasin	...	...	1963
Parit Gantong, Jasin	...	...	1963
Kampong Pulau, Alor Gajah	...	...	1963
Umbai, Jasin	...	...	1964
Gadek, Alor Gajah	...	...	1964
Pegoh, Alor Gajah	...	...	1964
Durian Daun, Alor Gajah	...	...	1964
Rembia, Alor Gajah	...	...	1964
Belimbing Dalam, Alor Gajah	...	...	1964
Pengkalan Balak, Alor Gajah	...	...	1964
Ayer Pa'abas, Alor Gajah	...	...	1964
Masjid Bharu, Jasin	...	...	1964
Chin Chin, Jasin	...	...	1964
Bukit Meta, Malacca Tengah	...	...	1967
Tiang Dua, Malacca Tengah	...	...	1967
Kesang Pajak, Jasin	...	...	1968
Pulau Sebang, Alor Gajah	...	...	1968
Asahan, Jasin	...	...	1968
Ayer Merbau, Jasin	...	...	1968
Cheng, Alor Gajah	...	...	1968
Taboh Naning, Alor Gajah	...	...	1968
Tedong, Jasin	...	...	1969
Kesang Tua, Jasin	...	...	1969
Bachang, Melaka Tengah	...	...	1969
Melekek, Alor Gajah	...	...	1970
Sungei Buloh, Alor Gajah	...	...	1970

## JOHORE

*Main Health Centre (5)*

Renggit, Batu Pahat	...	...	1956
Parit Jawa (Phase I), Muar	...	...	1962
Parit Raja (Phase I), Batu Pahat	...	...	1963
Ayer Baloi (Phase I), Pontian	...	...	1963
Kota Tinggi	...	...	1970

*Health Sub-Centre (28)*

Parit Yusoff Laut, Muar	...	...	1962
Serkat, Pontian	...	...	1962
Kayu Ara Pasong, Pontian	...	...	1962

*Health Sub-Centre—(cont.)*

Tenglu, Mersing ... ..	1962
Ulu Tiram, Johor Bahru ... ..	1962
Parit Sulong, Batu Pahat ... ..	1962
Sri Menanti, Muar ... ..	1962
Bukit Bakri, Muar ... ..	1962
Bukit Gambir, Muar ... ..	1962
Simpang Rengam, Kluang ... ..	1962
Pekan Nanas, Pontian ... ..	1963
Benut, Pontian ... ..	1963
Parit Bakar, Muar ... ..	1963
Masai, Johor Bahru ... ..	1963
Yong Peng, Batu Pahat ... ..	1963
Cha'ah, Segamat ... ..	1963
Bagan, Batu Pahat ... ..	1965
Senggerang, Batu Pahat ... ..	1965
Pagoh, Muar ... ..	1966
Sungei Rengit, Kota Tinggi ... ..	1966
Endau, Mersing ... ..	1966
Kulai, Johore Bahru ... ..	1966
Sungei Mati, Muar ... ..	1967
Labis, Segamat ... ..	1967
Paloh, Kluang ... ..	1968
Batu Anam, Segamat ... ..	1969
Paya Mas, Muar ... ..	1969
Kampong Majidee, Johore Bahru ... ..	1970

*Midwives Clinic-cum-Quarters (157)*

Majidee, Johore Bahru ... ..	1961
Gelang Patah, Johore Bahru ... ..	1961
Bukit Kangkar, Muar ... ..	1961
Sri Ladang, Batu Pahat ... ..	1961
Parit Samsu Laut, Muar ... ..	1961
Sri Marlong, Batu Pahat ... ..	1961
Sungei Tiram, Johore Bahru ... ..	1962
Kong Kong (FLDA), Johore Bahru ... ..	1962
Kulai Oil Palm (FLDA), Johore Bahru ... ..	1962
Lukut, Kota Tinggi ... ..	1962
Parit Ulu Jamil, Muar ... ..	1962
Parit Yusof Darat, Muar ... ..	1962
Parit Haji Latiff, Muar ... ..	1962
Parit Bulat Lintang, Muar ... ..	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Parit Bakar Darat, Muar	...	...	...	1962
Parit Pinang Seribu, Muar	...	...	...	1962
Lenga, Muar	...	...	...	1962
Sri Pantai, Mersing	...	...	...	1962
Sawah Datok, Mersing	...	...	...	1962
Durian Chondong, Muar	...	...	...	1962
Kampong Tui, Muar	...	...	...	1962
Jeram Tepi, Muar	...	...	...	1962
Bukit Kepong, Muar	...	...	...	1962
Bukit Serampang (FLDA), Muar	...	...	...	1962
Simpang, Kota Tinggi	...	...	...	1962
Pogoh, Segamat	...	...	...	1962
Bukit Siput, Segamat	...	...	...	1962
Pekan Jabi, Segamat	...	...	...	1962
Buloh Kasap, Segamat	...	...	...	1962
Spang Loi, Segamat	...	...	...	1962
Parit Batang Duku, Pontian	...	...	...	1962
Sanglang, Pontian	...	...	...	1962
Rimba Terjun, Pontian	...	...	...	1962
Telok Kerang, Pontian	...	...	...	1962
Kukup Laut, Pontian	...	...	...	1962
Parit Selangor, Pontian	...	...	...	1962
Parit Hamil, Batu Pahat	...	...	...	1962
Sri Medan, Batu Pahat	...	...	...	1962
Parit Lintang Yaani, Batu Pahat	...	...	...	1962
Parit Wak Lahu Lama, Batu Pahat	...	...	...	1962
Sungei Melayu, Johore Bahru	...	...	...	1962
Ayer Bemban, Johore Bahru	...	...	...	1962
Saleng, Johore Bahru	...	...	...	1962
Skudai, Johore Bahru	...	...	...	1962
Ban Foo, Johore Bahru	...	...	...	1962
Kangkar Tebrau, Johore Bahru	...	...	...	1962
Plentong, Johore Bahru	...	...	...	1962
Endau (FLDA), Mersing	...	...	...	1962
Ayer Hitam (FLDA), Kluang	...	...	...	1962
Parit Guntong, Batu Pahat	...	...	...	1962
Parit Suleiman, Batu Pahat	...	...	...	1962
Parit Semarang, Batu Pahat	...	...	...	1962
Parit Separap, Batu Pahat	...	...	...	1962
Parit Tariman, Batu Pahat	...	...	...	1962
Parit Hylam, Batu Pahat	...	...	...	1962



*Midwives Clinic-cum-Quarters—(cont.)*

Parit Maimon, Batu Pahat	...	...	...	1962
Tanjong Kupang, Johore Bahru	...	...	...	1962
Johore Lama, Kota Tinggi	...	...	...	1962
Parit Haji Zin, Muar	...	...	...	1962
Ayer Hitam 15ms., Muar	...	...	...	1962
Bukit Mor, Muar	...	...	...	1962
Parit Kampong Bahru, Batu Pahat	...	...	...	1962
Lubok Bandan, Segamat	...	...	...	1962
Tanjong Serendit, Kota Tinggi	...	...	...	1962
Tenang (FLDA), Segamat	...	...	...	1962
Sungei Muda, Muar	...	...	...	1963
Parit Samsu Darat, Muar	...	...	...	1963
Kampong Kretalembu, Muar	...	...	...	1963
Sagil, Muar	...	...	...	1963
Jalan Lenga (FLDA), Muar	...	...	...	1963
Medoi (FLDA), Segamat	...	...	...	1963
Chemplak (FLDA), Segamat	...	...	...	1963
Tenang Station (FLDA)—now known as Kemelah, Segamat	...	...	...	1963
Serom II, Muar	...	...	...	1964
Sungei Boh, Pontian	...	...	...	1964
Asam Buboh, Batu Pahat	...	...	...	1964
Sungei Ayam, Batu Pahat	...	...	...	1964
Minyak Beku, Batu Pahat	...	...	...	1964
Liang Batu, Muar	...	...	...	1964
Panchor, Muar	...	...	...	1964
Teck Wah Heng (FLDA), Johore Bahru	...	...	...	1964
Kampong Awat, Segamat	...	...	...	1964
Batu Badak (4th Mile Jementah), Segamat	...	...	...	1964
Temiang, Muar	...	...	...	1964
Serom I, Muar	...	...	...	1964
Bekok Belading, Muar	...	...	...	1964
Sengkang, Muar	...	...	...	1964
Sawah Ring, Muar	...	...	...	1964
Sungei Machap, Kluang	...	...	...	1964
Sarang Buaya, Muar	...	...	...	1964
Sungei Balang, Muar	...	...	...	1964
Gemas Bharu, Segamat	...	...	...	1964
Parit Gersek, Muar	...	...	...	1964
5th Mile Bakri, Muar	...	...	...	1964
Jorak, Muar	...	...	...	1964

*Midwives Clinic-cum-Quarters—(cont.)*

Tanjong Laboh, Batu Pahat ... ..	1964
Gelang Chin Chin, Segamat ... ..	1965
Bukit Batu (FLDA), Johore Bahru ... ..	1965
Sedeli Kechil, Kota Tinggi ... ..	1965
Kampung Gajah, Kluang ... ..	1965
Telok Rumania, Kota Tinggi ... ..	1966
Pasak (FLDA), Kota Tinggi ... ..	1966
Kampung Tiram Duku, Johore Bahru ... ..	1967
Sungei Sayong (FLDA), Johore Bahru ... ..	1967
Tanjong Langsat, Johore Bahru ... ..	1968
Penarok, Pontian ... ..	1968
Parit Marjunid, Pontian ... ..	1968
Parit Merlong, Batu Pahat ... ..	1968
Ulu Tebrau/Ulu Teram (FLDA), Johore Bahru	1968
Triang Besar, Mersing ... ..	1968
Kg. Kahang Batu 28, Kluang ... ..	1968
Pasir Raja (FLDA), Kota Tinggi ... ..	1968
Sri Mendapat, Batu Pahat ... ..	1968
Rawang, Muar ... ..	1968
Telok Rimba, Muar ... ..	1968
Parit Raja Pagoh, Muar ... ..	1968
Bukit Besar (FLDA), Kota Tinggi ... ..	1968
Parit Ju, Batu Pahat ... ..	1968
Bukit Serampang Utara (FLDA), Muar ... ..	1968
Parit Talang Benut, Batu Pahat ... ..	1969
Parit Puteri Menangis, Pontian ... ..	1969
Batu 35, Jalan Johore, Pontian ... ..	1969
Parit Ismail, Pontian ... ..	1969
Tongkang Pechah, Batu Pahat ... ..	1969
Parit Haji Abdul Rahman, Batu Pahat ... ..	1969
Parit Basri/P. Joyce, Batu Pahat ... ..	1969
Sri Sempadan, Batu Pahat ... ..	1969
Parit Ayer Panas, Segamat ... ..	1969
Sedenak, Johore Bahru ... ..	1969
Kampung Sagil, Muar ... ..	1969
Parit Keroma, Muar ... ..	1969
Kampung Bharu, Batu 28, Muar ... ..	1969
Telok Sengat, Kota Tinggi ... ..	1969
Bukit Ramuan (FLDA), Kota Tinggi ... ..	1969
Kampung Pasir Puteh, Johore Bahru ... ..	1969
Bekoh Local Council, Segamat ... ..	1969

*Midwives Clinic-cum-Quarters—(cont.)*

Kampung Sialang, Muar	...	...	...	1969
Simpang Lima, Muar	...	...	...	1969
Kampung Bakar Batu, Johore Bahru	...	...	...	1969
Kampung Lintang, Kota Tinggi	...	...	...	1969
Kampung Jabi, Segamat	...	...	...	1970
Parit Bilal, Batu Pahat	...	...	...	1970
Kampung Beroleh, Batu Pahat	...	...	...	1970
Serom III, Muar	...	...	...	1970
Kangkar Pulai, Johore Bahru	...	...	...	1970
Chamek, Kluang	...	...	...	1970
Kg. Paya Redan, Muar	...	...	...	1970
Tanjong Adang, Johore Bahru	...	...	...	1970
Parit Jelutong, Batu Pahat	...	...	...	1970
Kg. Parit Raja, Muar	...	...	...	1970
Kg. Kundang Ulu, Muar	...	...	...	1970
Parit Haji Omar, Pontian	...	...	...	1970
Parit Semerah Ulu, Pontian	...	...	...	1970
Pulai Sebatang, Pontian	...	...	...	1970
Tanjong Selabu, Muar	...	...	...	1970
Kg. Sg. Bilah, Muar	...	...	...	1970
Kg. Sri Ma'mor, Muar	...	...	...	1970

## PAHANG

*Main Health Centre (6)*

Temerloh, Temerloh	...	...	...	1961
Kuala Rompin, Pekan	...	...	...	1962
Karak, Bentong	...	...	...	1962
Dong, Raub	...	...	...	1963
Gambang, Kuantan	...	...	...	1963
Jerantut, Jerantut	...	...	...	1963

*Health Sub-Centre (20)*

Beserah, Kuantan	...	...	...	1962
Ulu Gali, Raub	...	...	...	1962
Pekan, Pekan	...	...	...	1962
Lemba Bilut (FLDA), Bentong	...	...	...	1962
Bentong, Bentong	...	...	...	1962
Maran, Pekan	...	...	...	1963
Triang, Temerloh	...	...	...	1963
Chenor, Temerloh	...	...	...	1963
Sanggalang, Temerloh	...	...	...	1963

*Health Sub-Centre—(cont.)*

Cheroh, Raub ... ..	1963
Kuala Krau, Temerloh ... ..	1963
Bukit Betong, Kuala Lipis ... ..	1963
Kuantan, Kuantan ... ..	1963
Lanchang, Temerloh ... ..	1963
Kelola, Jerantut ... ..	1964
Tanah Rata, Cameron Highlands ... ..	1965
Benta, Kuala Lipis ... ..	1967
Padang Rumbia, Pekan ... ..	1968
Bukit Mendi, Temerloh (LKTP) ... ..	1970
Bukit Goh, Kuantan (LKTP) ... ..	1970

*Midwives Clinic-cum-Quarters (126)*

Kampung Kuala Bera, Temerloh ... ..	1960
Kampung Kuala Tembeling, Jerantut ... ..	1960
Kampung Tanjong Selangor, Pekan ... ..	1960
Kampung Ulu Dong, Raub ... ..	1960
Sungei Ular, Kuantan ... ..	1961
Paya Bungor, Kuantan ... ..	1961
Pahang Tua, Pekan ... ..	1961
Pulau Jawa, Pekan ... ..	1961
Kampung Buntut Pulau, Temerloh ... ..	1961
Kampung Jenderak, Temerloh ... ..	1961
Tanjong Lumpur, Kuantan ... ..	1962
Kerdau, Temerloh ... ..	1962
Kampung Langgar, Pekan ... ..	1962
Kuala Pahang, Pekan ... ..	1962
Tebing Tinggi, Jerantut ... ..	1962
Pulau Tawar, Jerantut ... ..	1962
Lubok Paku, Pekan ... ..	1962
Kuala Semantan, Raub ... ..	1962
Batu Talam, Raub ... ..	1962
Menasi, Pekan ... ..	1962
Kampung Painggu, Pekan ... ..	1962
Kampung Pontian, Pekan ... ..	1962
Ganchong, Pekan ... ..	1962
Temai, Pekan ... ..	1962
Jenda Baik, Bentong ... ..	1962
Telemong, Bentong ... ..	1962
Jambu Rias, Bentong ... ..	1962
Simpang Pelangai, Bentong ... ..	1962
Kuala Atok, Raub ... ..	1962
Sungei Ruan, Raub ... ..	1962
Tanjong Besar, Kuala Lipis ... ..	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Kampong Penjom, Kuala Lipis	..	...	1962
Kampong Mambang, Pekan	...	...	1962
Paloh Hinai, Pekan	...	...	1962
Kampong Pagar Sasak, Kuala Lipis	...	...	1962
Lemba Bilut (FLDA), Bentong	...	...	1962
Tanjong Gemok, Pekan	...	...	1962
Kampong Aur, Pekan	...	...	1962
Kampong Tanjong Kerayong, Temerloh	...	...	1962
Kampong Bantal, Jerantut	...	...	1962
Sungei Kertam (FLDA), Pekan	...	...	1962
Kampong Awah (FLDA), Temerloh	...	...	1962
Kampong Manchis, Bentong	...	...	1962
Sungei Karang, Kuantan	...	...	1962
Satu Sawah, Kuantan	...	...	1962
Salong, Pekan	...	...	1962
Pasir Panjang, Pekan	...	...	1962
Pulau Rusa, Pekan	...	...	1962
Tanjong Medang, Pekan	...	...	1962
Fraser's Hill, Raub	...	...	1962
Pulau Tioman (Kampong Tekek), Pekan	...	...	1962
Jong Berlaboh, Jerantut	...	...	1962
Ringlet, Cameron Highlands	...	...	1962
Kampong Bintang, Temerloh	...	...	1963
Kampong Bangau, Temerloh	...	...	1963
Kampong Lipat Kajang, Temerloh	..	...	1963
Paya Pulau, Temerloh	...	...	1963
Kuala Triang, Temerloh	...	...	1963
Kemayan, Temerloh	...	...	1963
Jerkoh, Kuala Lipis	...	...	1963
Kampong Bharu, Jerantut	...	...	1963
Mengkarak, Temerloh	...	...	1963
Kampong Awah, Temerloh	...	...	1963
Kampong Chat, Kuala Lipis	...	...	1963
Kampong Mela, Kuala Lipis	...	...	1963
Kampong Teh, Jerantut	...	...	1963
Ulu Cheka, Jerantut	...	...	1963
Kampong Pesagi, Temerloh	...	...	1964
Bukit Tinggi, Bentong	...	...	1964
Kampong Gesing, Raub	...	...	1964
Ulu Atok, Raub	...	...	1964
Sungei Tekam (FLDA), Jerantut	...	...	1964
Kampong Kerambit, Kuala Lipis	...	...	1964
Kampong Budu, Kuala Lipis	...	...	1964
Kuala Medang, Kuala Lipis	...	...	1964

*Midwives Clinic-cum-Quarters—(cont.)*

Cherok Paloh, Kuantan ... ..	1964
Ulu Sungei, Raub ... ..	1964
Kampung Bharu (Kuala Sentol), Temerloh ...	1964
Kuala Tekal, Temerloh ... ..	1964
Kampung Ubai, Pekan ... ..	1964
Kampung Kempadang, Kuantan ... ..	1964
Tras, Raub ... ..	1964
Sega, Raub ... ..	1964
Kampung Merchong, Pekan ... ..	1965
Kampung Pelak, Pekan ... ..	1965
Kampung Nyak, Temerloh ... ..	1965
Mengkuang, Temerloh ... ..	1965
Kampung Guai, Temerloh ... ..	1965
Kampung Purun, Temerloh ... ..	1965
Batu Balai, Jerantut ... ..	1965
Kampung Relong, Kuala Lipis ... ..	1965
Padang Tengku, Kuala Lipis ... ..	1965
Kampung Telang, Kuala Lipis ... ..	1965
Merapoh, Kuala Lipis ... ..	1965
Leban Chondong, Pekan ... ..	1965
Ulu Jempol (FLDA), Temerloh ... ..	1965
Kampung Rajah, Cameron Highlands ... ..	1965
Klau Valley (FLDA), Raub ... ..	1965
Kampung Belimbing, Pekan ... ..	1968
Tanjong Batu, Pekan ... ..	1968
Kampung Cherating, Kuantan ... ..	1968
Permatang Badak, Kuantan ... ..	1968
Sungei Dua, Bentong ... ..	1968
Kampung Sertek (FLDA), Bentong ... ..	1968
Tanjong Pulai, Pekan ... ..	1968
Kampung Paya Pasir, Temerloh ... ..	1968
Bukit Tajau (FLDA), Temerloh ... ..	1968
Sungei Nerek (FLDA), Temerloh ... ..	1968
Kampung Ulu Luit, Pekan ... ..	1968
Kampung Jaya Gading, Kuantan ... ..	1968
Kampung Gali Hilir, Raub ... ..	1968
Sungei Cherang, Raub ... ..	1969
Sang Lee N.V., Raub ... ..	1959
Kampung Jawi-Jawi, Bentong ... ..	1969
Kampung Panching, Kuantan ... ..	1970
Bukit Puchong, Temerloh ... ..	1970
Paya Lembu, Kuala Lipis ... ..	1970
Kuala Mei, Temerloh ... ..	1970
Tasek Bera, Temerloh ... ..	1970

*Midwives Clinic-cum-Quarters—(cont.)*

Durian Tawar, Temerloh	...	...	...	1970
Kerayong N.V., Temerloh	...	...	...	1970
Kampong Lebu, Bentong	...	...	...	1970
Kampong Benus, Bentong	...	...	...	1970
Kampong Mukut, Pekan	...	...	...	1970
Sungei Kemchal, Temerloh	...	...	...	1970
Jengka Satemu I ...	...	...	...	1970

## TRENGGANU

*Main Health Centre (4)*

Kuala Brang, Ulu Trengganu	...	...	...	1957
Kemaman (Chukai), Kemaman	...	...	...	1963
Tepoh (Bk. Tunggal), Kuala Trengganu	...	...	...	1963
Jerteh, Besut	...	...	...	1964

*Health Sub-Centre (10)*

Batu Rakit, Kuala Trengganu	...	...	...	1962
Cha Lok (FLDA), Besut	...	...	...	1962
Batu 20 Ajil, Ulu Trengganu	...	...	...	1963
Marang, Marang	...	...	...	1963
Bukit Payong, Kuala Trengganu	...	...	...	1963
Kuala Telemong, Ulu Trengganu	...	...	...	1965
Jeranggau (FLDA), Dungun	...	...	...	1967
Pasir Akar, Besut	...	...	...	1968
Kampong Manir, Kuala Trengganu	...	...	...	1968
Kuala Besut	...	...	...	1969

*Midwives Clinic-cum-Quarters (62)*

Kampong Dusun, Ulu Trengganu	...	...	...	1960
Bukit Gemuroh, Ulu Trengganu	...	...	...	1961
Kampong Sungei Tong, Kuala Trengganu	...	...	...	1961
Kampong Jeranggau, Dungun	...	...	...	1961
Kampong Kuala Jengai, Dungun	...	...	...	1961
Kampong Tengawang, Ulu Trengganu	...	...	...	1961
Merchang, Marang	...	...	...	1961
Kijal, Kemaman	...	...	...	1961
Cha Lok, Besut	...	...	...	1961
Kuala Kemaman, Kemaman	...	...	...	1962
Kampong Tajin, Ulu Trengganu	...	...	...	1962
Kampong Nyior, Dungun	...	...	...	1962

*Midwives Clinic-cum-Quarters—(cont.)*

Ayer Puteh, Kemaman ... ..	1962
Pasir Gajah, Kemaman ... ..	1962
Kampong Banggol, Besut ... ..	1962
Kuala Besut (West), Besut ... ..	1962
Kampong Bukit Leban, Marang ... ..	1962
Binjai, Kemaman ... ..	1962
Kampong Chabang (Kerteh), Kemaman ... ..	1963
Kampong Ayer Jerneh, Kemaman ... ..	1963
Kampong Batu Rakit, Kuala Trengganu ... ..	1963
Kampong Tanggol, Ulu Trengganu ... ..	1963
Kampong Fikri (Gong Badak), Besut ... ..	1963
Kampong Atas Tol, Kuala Trengganu ... ..	1964
Seberang Takir, Kuala Trengganu ... ..	1964
Binjai Rendah, Kuala Trengganu ... ..	1964
Kampong Chendering, Kuala Trengganu ... ..	1964
Banggol Peradong, Besut ... ..	1964
Kuala Abang, Dungun ... ..	1964
Kuala Delong, Dungun ... ..	1964
Kuala Paka, Dungun ... ..	1964
Batu Puteh, Kemaman ... ..	1964
Kampong Lah, Besut ... ..	1964
Kampong Jabi, Besut ... ..	1964
Lubok Kawa, Besut ... ..	1964
Kampong Penarek, Besut ... ..	1964
Durian Mentanggau, Dungun ... ..	1964
Pasir Tinggi, Ulu Trengganu ... ..	1964
Ibok/Yakya, Kemaman ... ..	1964
Kampong Menerong, Ulu Trengganu ... ..	1966
Seberang Tayor (FLDA), Kemaman ... ..	1966
Belara (FLDA), Kuala Trengganu ... ..	1967
Pulau Duyong, Kuala Trengganu ... ..	1967
Kampong Pauh, Ulu Trengganu ... ..	1967
Kampong Kerteh, Kemaman ... ..	1967
Kampong Kerandang, Besut ... ..	1967
Pulau Babi Seberang, Kuala Trengganu ... ..	1968
Kampong Jambu Bongok, Marang ... ..	1968
Bukit Bading (FLDA), Ulu Trengganu ... ..	1968
Kampong Serada, Kuala Trengganu ... ..	1968
Kampong Buloh, Besut ... ..	1968



*Midwives Clinic-cum-Quarters—(cont.)*

Kampong Tembila, Besut	...	...	...	1969
Kampong Bintang, Besut	...	...	...	1969
Kampong Pulau Perhentian, Besut	...	...	...	1969
Kampong Merang, Kuala Trengganu	...	...	...	1969
Kampong Setar Kanan, Marang	...	...	...	1969
Kampong Pulau Kerenga, Marang	...	...	...	1969
Kampong Kerom, Kuala Trengganu	...	...	...	1970
Kampong Jeneris, Ulu Trengganu	...	...	...	1970
Kampong Buloh, Ulu Trengganu	...	...	...	1970
Wakaf Tapai, Kuala Trengganu	...	...	...	1970
Kampong Langkap, Kuala Trengganu	...	...	...	1970

## KELANTAN

*Main Health Centre (5)*

Machang, Machang	...	...	...	1957
Kota Bharu, Kota Bharu	...	...	...	1962
Pasir Puteh, Pasir Puteh	...	...	...	1962
Dabong (Phase I), Ulu Kelantan	...	...	...	1969
Pasir Mas, Pasir Mas	...	...	...	1969

*Health Sub-Centre (16)*

Tanah Merah, Tanah Merah	...	...	...	1962
Rantau Panjang, Pasir Mas	...	...	...	1962
Kubang Kerian, Kota Bharu	...	...	...	1962
Ayer Lanan (FLDA), Tanah Merah	...	...	...	1962
Bachok, Bachok	...	...	...	1963
Seliseng, Pasir Puteh	...	...	...	1963
Ketereh, Kota Bharu	...	...	...	1963
Tumpat, Tumpat	...	...	...	1963
Cherang Ruku, Pasir Puteh	...	...	...	1969
Manek Urat, Ulu Kelantan	...	...	...	1969
Kangkong, Pasir Mas	...	...	...	1969
Gunong, Bachok	...	...	...	1969
Gua Musang, Ulu Kelantan	...	...	...	1969
Pengkalan Chepa, Kota Bharu	...	...	...	1970
Pulai Chondong, Machang	...	...	...	1970
Wakaf Bahru, Tumpat	...	...	...	1970

*Midwives Clinic-cum-Quarters (59)*

Jelawat, Bachok ... ..	1962
Pauh Limah, Bachok ... ..	1962
Kampung Melawi, Bachok ... ..	1962
Kusial, Tanah Merah ... ..	1962
Batu Melintang, Tanah Merah ... ..	1962
Kampung Ipoh, Tanah Merah ... ..	1962
Peringat, Kota Bharu ... ..	1962
Kok Lanas, Kota Bharu ... ..	1962
Belukar, Machang ... ..	1962
Bakar, Machang ... ..	1962
Wakaf Bata, Machang ... ..	1962
Temangan, Machang ... ..	1962
Kadok, Kota Bharu ... ..	1962
Beta Hulu, Kota Bharu ... ..	1962
Bunut Sarang Burong, Tumpat ... ..	1962
Chabang Empat, Tumpat ... ..	1962
Nebong, Tanah Merah ... ..	1962
Jeli, Tanah Merah ... ..	1962
Bukit Panau, Tanah Merah ... ..	1962
Batang Merbau, Tanah Merah ... ..	1962
Panglima Bayu, Tanah Merah ... ..	1962
Pa' Badol, Bachok ... ..	1963
Kampung Salor, Kota Bharu ... ..	1964
Kampung Geting, Tumpat ... ..	1964
Kampung Tawang, Bachok ... ..	1964
Kampung Kijang, Kota Bharu ... ..	1964
Kampung Bunut, Susu, Pasir Mas ... ..	1965
Kampung Gual Periok, Pasir Mas ... ..	1965
Kampung Repek, Pasir Mas ... ..	1965
Kampung Lubok Stol, Pasir Mas ... ..	1965
Kampung To' Uban, Pasir Mas ... ..	1965
Kampung Lubok Bongor, Ulu Kelantan ... ..	1965
Kampung Meranti, Pasir Mas ... ..	1966
Kampung Telosan, Pasir Puteh ... ..	1966
Kampung Padang Pa' Amat, Pasir Puteh ... ..	1966
Kampung Kubor Dato, Ulu Kelantan ... ..	1967
Kampung Bertam Bahru, Ulu Kelantan ... ..	1967
Kampung Kemubu, Ulu Kelantan ... ..	1967
Sungei Patai, Pasir Puteh ... ..	1967

*Midwives Clinic-cum-Quarters—(cont.)*

Kampong Phon Buloh, Pasir Mas	...	...	1968
Kampong Pahi, Ulu Kelantan	...	...	1968
Kampong Mata Ayer, Machang	...	...	1968
Kampong Telok Ranjuna, Tumpat	...	...	1968
Kampong Melor, Kota Bharu	...	...	1969
Kampong Dalam Rhu, Pasir Puteh	...	...	1969
Kampong Telok Kandis, Bachok	...	...	1969
Kampong Bukit Abal, Pasir Puteh	...	...	1969
Kampong Banggol Chicha, Pasir Mas	...	...	1969
Kampong Laut, Tumpat	...	...	1969
Kampong Gelam Mas, Pasir Mas	...	...	1969
Kampong Banggol Pa' Esah, Pasir Puteh	...	...	1969
Kampong Berek, Kota Bharu	...	...	1969
Kampong Alor Bakar, Bachok	...	...	1969
Kampong Tok Bok, Machang	...	...	1969
Kampong Bukit Merbau, Pasir Puteh	...	...	1969
Kampong Sabak, Kota Bharu	...	...	1969
Kampong Joh, Machang	...	...	1970
Kampong Wakaf Aik, Bachok	...	...	1970
Kampong Panji, Kota Bharu	...	...	1970

WEST  
VITAL  
1946-

<i>Particulars</i>	1946	1947	1948	1949	1950	1951	1952
1. Crude Birth Rate .. .. .	N.A.	42.9	40.4	43.8	42.0	43.6	44.4
2. Crude Death Rate .. .. .	N.A.	19.4	16.2	14.2	15.8	15.3	13.6
3. Neonatal Mortality Rate per 1,000 Live Births.. .. .	32	40	36	33	34	32	32
4. Infant Mortality Rate .. .. .	92	102	89	81	102	97	90
5. Toddler Mortality (1-4 years) .. .. .	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
6. Still Birth Rate per 1,000 Live Births .. .. .	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
7. Maternal Mortality Rate per 1,000 Live Births .. .. .	6.7	7.0	5.8	5.2	5.3	5.7	5.2
8. Natural Increase of Population .. .. .	N.A.	23.5	24.1	29.6	26.2	28.3	30.8

MALAYSIA  
STATISTICS  
1968

1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
43.7	43.8	43.0	45.5	46	43.3	42.2	40.9	41.9	40.4	39.4	39.1	36.7	37.3	35.5	35.2
12.4	12.2	11.5	11.3	12.4	11.0	9.7	9.5	9.2	9.4	9.0	8.1	7.9	7.6	7.5	7.6
31	30	30	30	30	32	29	30	29	31	29	25	26	25	24	23.1
83	83	78	75	76	80	66	60	60	60	57	48	50	48	45	42
N.A.	N.A.	N.A.	N.A.	11	9	8	8	8	8	7	6	6	5	5	5
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24	22	21	23	22	22	23	23	22.9	22.7
4.7	4.8	4.2	4.0	3.2	2.8	2.1	2.4	2.0	2.3	2.2	2.1	2.03	1.79	1.68	1.69
31.3	31.6	31.6	34.3	33.7	32.3	32.4	31.4	32.7	31.0	30.5	31.1	28.8	29.7	27.8	27.7

N.A. = Not Available.

## INFANT MORTALITY RATES BY ETHNIC GROUPS WEST MALAYSIA 1946 - 1966

