
Survey of Manpower in Health Service Occupations

1981

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SURVEY OF MANPOWER IN HEALTH SERVICE OCCUPATIONS

GERRIE CILLIERS, M.A. (S.W.)

SOUTH AFRICAN INSTITUTE FOR MANPOWER RESEARCH

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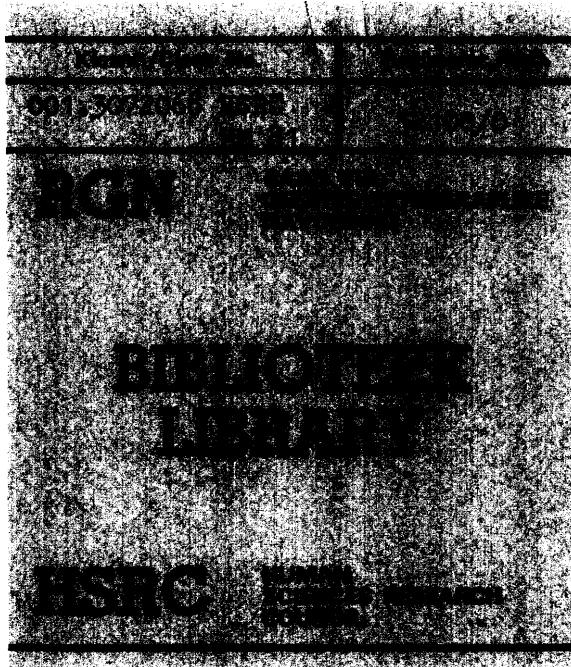
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SUMMARY

At the request of the former Department of Health, a survey was made of the manpower in health and welfare services in the RSA. The aim of the investigation was to obtain a picture of the institutions rendering health and welfare services, the facilities available and the manpower involved in these services. The sectors responsible for approximately 84 % of the manpower were, as far as possible, included in the investigation. Generally speaking the response was good. The most important findings are: the largest percentage of the services are rendered in the densely populated urban areas; directly and indirectly the central government has the largest share in rendering the services; in some areas of health and welfare there is a need for more facilities; with a few exceptions there was a positive growth in the number of posts available in all the professional groups over the past five years; numberwise the nursing profession has the largest share in rendering health services.

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND AND AIM

In the RSA 1979 was proclaimed as the Year of the Child and Health Year. This was done to draw attention to the importance of the health and welfare of the population and of the staff responsible for promoting and maintaining good health. A well-formulated health plan and policy and co-ordination in the health sector as well as between health and other sectors of socio-economic development are important to national welfare. In the development of health services manpower planning is important for various reasons. One of the reasons is "that health services are labour-intensive, with the cost of personnel as the largest component in the total cost" (Hornby, *et al.* 1976: 447).

For purposes of planning and co-ordination and with a view to the implementation of the new Health Act (Act 63 of 1977) in 1977 the South African Institute for Manpower Research (SAIMAR) was requested by the former Department of Health to make a survey of the manpower in the health services in the RSA. Health and welfare services form an integral unit from the point of view of the individual whose physical health depends on his psychological and social welfare as well as from the point of view of the services rendered where the health and therapeutic services are normally provided by a team of persons from different disciplines. Hence it was decided to include welfare services in the investigation. The greater emphasis in the new Health Act on preventive aspects also puts certain obligations on the bodies responsible for providing health and welfare services. Information on the manpower position in the health and welfare services is essential for any effective implementation of the Act. The investigation was confirmed to institutions directly concerned with the provision of health and welfare services and to persons in occupations requiring registration with the South African Medical and Dental Council (SAMDC) or with the Council for Social and Associated Workers. (For a full list of the occupations included see Appendix 2, Questionnaire 1.)

The aim of the investigation amounts to the following:

- 1 To obtain an idea of the bodies responsible for providing health and welfare services in the RSA;
- 2 to obtain a review of the bed facilities made available by these bodies;
- 3 to determine what the structure was of the posts for health and welfare service staff on 1 March 1979: how many posts were filled and how many were vacant;
- 4 to determine what increase or decrease there had been in these posts from 1975 to 1979.

1.2 DEFINITION OF THE CONCEPT

1.2.1 *Bed facilities*

In this report the number of beds available in an institution in the case of hospitals refers to the number of beds for patients, in the case of homes for the aged to the number of beds for the aged, whether healthy or sick, and in the case of children's homes to the number of children for whom the institution makes provision. Although day hospitals and some health clinics offer bed facilities for patients, they do not normally have overnight facilities. Where in this report the occupation of beds in day hospitals and clinics is indicated it is merely an indication of the overnight use made of these facilities in exceptional cases.

1.2.2 *Control*

Strictly speaking all health and welfare services are controlled by the State through legislation and regulations. The compulsory registration of medical practitioners for example, is also a form of control. For the purposes of this investigation

however, "control" is regarded as the direct control of the services and the "controlling body" is the organisation paying the salaries of staff.

1.2.3 *Dual institutions*

Some bodies to whom questionnaires were sent completed one questionnaire for two types of institutions. In such cases staff are normally used in both institutions. Various institutions with a dual function were classified under "Dual institutions", e.g. a home for the aged which also has a hospital; a hospital with a rehabilitation centre; a welfare organisation with an institution providing some form of welfare service. The vast majority of the dual institutions in the survey group have a hospital as one of the primary institutions.

1.2.4 *Full-time posts*

A full-time post is one held by only one person at a given time. Filled full-time posts can therefore be counted as number of persons.

1.2.5 *Health and welfare staff*

Health and welfare services are provided by a large variety of occupational practitioners. Broadly speaking ambulance, first aid, pastoral and many other services could be included under health and welfare. For the purpose of this investigation registration of occupations directly concerned with health and/or welfare was used as criterion. Occupational practitioners in health services are registered with the South African Medical and Dental Council and those in welfare services with the South African Council for Social and Associated Workers.

1.2.6 *Health clinic*

Under this heading are included clinics attached to hospitals but physically removed from the hospital, e.g. in the national states, health departments of municipalities and detached clinics that offer health services. Some municipal health departments have also included inspection services at abattoirs, hence the number of veterinary surgeons and health inspectors indicated in the tables.

1.2.7 *Manpower*

In this report a summary is given of the number of full-time and part-time filled posts as well as vacancies. Although the number of filled full-time posts reflects the number of full-time manpower, the number of filled part-time posts is not equal to the number of persons filling the posts since one person can fill more than one part-time post, or the same person can fill a full-time and a part-time post, e.g. a medical doctor can practise full-time and at the same time fill a part-time post at one of the institutions providing health services.

1.2.8 *Part-time posts*

Part-time posts can also mean posts for session appointments. Part-time posts cannot be converted to full-time posts since in some cases a part-time post can comprise up to six session appointments.

1.3 METHOD OF INVESTIGATION

Exploratory investigations done earlier, *inter alia* the 1977 Manpower Survey of the Department of Labour, revealed that the central government, provincial authorities, governments of the national states, local authorities, the SAR and H, the mining sector and the professional medical services sector jointly employ 84 % of the health service staff. The remaining 16 % is spread among 32 economic sectors and in not one of these sectors is more than 2,5 % of the total health service manpower represented. Moreover, only some health service occupations are found in these 32 sectors which do not actually provide a health service to the public but which care only for the health and welfare of the staff of a particular organisation. Since health services are not the primary function of these organisations but constitute only a small subsection of their activities, and as they are also fairly widely distributed

across the RSA, the costs would increase threefold if they were included in a project on health and welfare services. The investigation was therefore limited to the sectors which jointly employ 84 % of the health service staff, namely the central government, provincial authorities, local authorities, governments of national states, the SAR and H, the mining sector and the professional medical services sector.

1.3.1 *The questionnaire*

A postal questionnaire (Appendix 2) was compiled to obtain the required information. Aspects examined are control of services, kind of institution, kind of facilities provided and the employment of health and welfare staff from 1975 to 1979. As the above aspects do not all have a bearing on chemists and private practices, the questionnaire was adapted in accordance with the specific need (see Appendix 3) and sent by post to the organisations concerned.

1.3.2 *Selection of the survey group*

Discussions were held with different government departments, provincial administrations, some local authorities and other institutions that provide health and welfare services with a view to compiling the questionnaire and, secondly, to obtain an idea of the organisation of the institutions. The latter was necessary to determine how the questionnaires had to be distributed and what organisations had to be approached. From these discussions it became clear that (i) a large variety of institutions and organisations provide health and welfare services (government, churches, national councils, associations, etc.); (ii) the staff with specific training can work for various institutions - apart from nursing in a hospital, for which they are trained, nurses work in children's homes, homes for the aged, medical and dental practices, clinics, government departments, research laboratories and many other institutions; (iii) there are many occupations related to health and welfare occupations, e.g. ambulance and first aid services. The field of study thus had to be outlined and it was decided to use as criterion the occupations registered with the SAMDC and/or the South African Council for Social and Associated Workers. Although professional councils do not exist for all the occupations included in the investigation, the vast majority of occupational practitioners in health and welfare services are obliged by law to register with a central body. A register is kept for the others and registration is advisable in their own interests.

From the above and also because few figures and not much data are available on health and welfare staff and their employment, it became clear that as many as possible of the organisations whose primary function is to provide health and welfare services had to be involved in the investigation. Consequently lists of names and addresses were obtained from as wide a spectrum as possible. By approaching head offices and regional offices of the government departments concerned and of the provincial departments of hospital services and education and the bodies under them, lists of addresses were obtained of special schools and institutions under the Departments of National Education, Co-operation and Development, Indian Affairs, Coloured Affairs and Coloured Administration; special hospitals, institutions and research laboratories under the former Department of Health; hospitals and clinics of the Department of Defence; rehabilitation centres and hospitals under the Department of Prisons (the two latter departments distributed questionnaires from, and has them returned to their head offices); regional offices, homes and settlements for the aged and children's homes under the former Department of National Welfare and Pensions; hospitals, health clinics, school and child guidance clinics controlled and subsidized by the provincial authorities (the four provincial departments of hospital services agreed to distribute the questionnaires to the hospitals directly controlled by them). All municipal authorities, divisional councils and peri-urban boards who control health clinics and other community health services were involved. Institutions and hospitals in the national states were involved through their departments of health and welfare. Private welfare organisations and churches provided the addresses of the bodies under their control. These include special clinics and institutions such as those for alcoholics and other dependents, rehabilitation centres, special schools, homes for the aged, children's homes and social work offices. The national councils (e.g. for the blind, the deaf, cripples, child care, etc.) also provided addresses of organisations that provide health and welfare services. The SA Pharmacy Board provided a list of addresses of all pharmacists in the RSA. The office of the Workmen's Compensation Commissioner

supplied a list of addresses of all medical and ancillary medical practices and private hospitals registered as employers.

After overlapping had been eliminated as far as possible 8155 questionnaires were sent out. Although a wide spectrum was covered, it is not claimed that the entire universe of institutions involved in health and welfare services was included in the investigation. Table 1.1 indicates the response.

TABLE 1.1
QUESTIONNAIRES SENT OUT AND RETURNED

Type of institution	Sent out	Returned	% response
Hospital	690	575	83,3
Municipal and other health clinic	610	252	86,1
Special clinic/institution, e.g. for alcoholics	49	46	93,9
Welfare organisation /special school and institution/rehabilitation centre/home for the aged/children's home	1215	825	67,9
School and child guidance clinic	251	72	28,7
Research laboratory	86	59	68,6
Wholesale and retail pharmacy	2401	1123	46,8
Medical, dental and ancillary medical practice	3122	1722	55,2
Government department (head and regional office)	164	57	34,8
Unspecified		79	
TOTAL	8588	5083	59,2

All kinds of hospitals are grouped together in the table since the kind of hospital was not always known when the questionnaires were sent out. Welfare organisations, special schools and institutions, rehabilitation centres, homes for the aged and children's homes were also grouped together as many of the names and addresses gave no indication of the nature of the institution. For example, some welfare organisations to whom questionnaires were sent, completed the questionnaires with regard to children's home or home for the aged under their control. In the table all health service departments of municipalities, divisional councils and peri-urban boards were grouped under municipal health clinics although the investigation showed that many municipalities do not necessarily control a clinic but do employ for example a health inspector. Manufacturers of pharmaceutical products were included under the category Wholesale and retail pharmacy. However, hospital, railway and government supported pharmacies were not included under this heading, but under the institution to which they are attached.

Generally speaking the response was good and most of the large institutions completed questionnaires. Response from school and child guidance clinics was relatively low. Schools are not regarded as providers of health and welfare services, but questionnaires were sent to a number of schools to determine how many guidance and educational psychologists, speech therapists and other therapists are attached to ordinary schools. As many of the schools do not employ staff whose occupations are listed in the questionnaire some of them did not return the questionnaire while others returned uncompleted questionnaires. Despite the low response from school and child guidance clinics the data in this report probably do reflect the occupational structures of these kinds of clinics.

Responses from head offices and regional offices of government departments were also rather poor. Normally these offices do not directly provide health and welfare services but administer and control such services. Since most of the staff probably do not fall under the categories listed in the questionnaire, they probably thought the investigation did not apply to them. The same argument applies to children's homes and homes for the aged where few qualified health and/or welfare staff are employed. The relatively poor response from pharmacists and private medical dental and ancillary medical practitioners, however, cannot be explained in this way.

1.4 FORM OF THE REPORT

The major findings of the investigation are discussed in the next chapter in which some synoptic tables are also given. The tables giving a detailed account of the processed data are contained in the statistical Appendix 1.

CHAPTER 2

FINDINGS

2.1 INSTITUTIONS PROVIDING HEALTH AND WELFARE SERVICES

2.1.1 *Geographical distribution*

One can expect that most facilities will be available in densely populated areas. It was impossible to make an accurate classification according to geographical area of the services provided as there are certain organisations, such as the railways, that provide services for a wide area from seven central regional offices. Taking into consideration exceptions such as where a few health clinics - especially in the national states - are linked to a hospital but spread over a wide area, a geographical classification was made according to the address and postal code of the institution providing the service.

Approximately two-thirds of the institutions in the test group (including private practices and pharmacies) are in the large urban areas. Private practices, pharmacies and general hospitals are unevenly distributed across the country, as they are in overseas countries. Although there is a relatively greater percentage of hospitals in rural areas, it cannot be concluded that hospital services in cities are inferior. City hospitals are bigger and through their different specialized sections they provide extensive services to the community. Of the 224 general hospitals with a known number of beds the 30 largest ones together have more beds than the remaining 194 together. The big hospitals referred to above are all in rural areas (see Table 5, Appendix 1 - 35 598 beds as against 24 361). Bed occupation in hospitals in urban areas is comparatively high. (With the exception of Bloemfontein they all have an average occupation of more than 70 %.) (Table 6, Appendix 1.) The data indicate that maternity hospitals are found only in cities, but rural general hospitals normally have a maternity section.

Special hospitals such as psychiatric hospitals and hospitals for infectious diseases are also mostly situated in the large urban areas. Of the general medical practices 45,1 % are in the four large urban areas of Pretoria-Witwatersrand, Cape Town, Bloemfontein and Durban and respectively 71,1 % and 59,9 % of the medical specialist and dental practices are also in these areas. Clinic services are readily available in the rural areas.

2.1.2 *Control*

Although the new Health Act (Section 14, Act 63 of 1977) stipulates that the central government is responsible for the control and co-ordination of health services, the minister concerned can delegate power and duties to a provincial administration. The functions of the provincial administrations and local authorities are explained in the Act. Dr Gilliland (Curationis, 1978: 11) states that "generally speaking, the sick individual becomes the special responsibility of the provinces". This report however is also concerned with the services provided for the mentally and socially ill. In the past services for this group were controlled and co-ordinated by the Department of National Welfare and Pensions. As in the case of the former Department of Health, subsidies are paid only to private organisations that organise and provide the services. Immediate control over services rests with these organisations and is indicated in the tables as such. There are, however, persons and organisations that receive no government funds and that provide a specific service entirely in a private capacity that are also indirectly controlled by the government. In this report "control" should thus not be interpreted as general government control over all the services provided for the population, but should be seen as the direct control over the organisation that provide the service and pay the staff.

Directly or indirectly the central government undoubtedly has the biggest share in providing health and welfare services. Approximately a fifth (20,2 %) of the institutions providing health and welfare services (excluding private practices and pharmacies) are directly controlled by the central government and 41,5 % by the provincial authorities and local governments (including the national states). The rest are controlled by private persons, organisations and diverse bodies. Approximately two-thirds of the privately controlled institutions are subsidized by the central government and provincial authorities.

2.1.3 Range of the facilities

Respondents were requested to indicate the number of beds available for patients and/or inhabitants as well as the average annual occupation. Beds available in children's homes and homes for the aged will obviously not have the same meaning as beds in hospitals. While the latter indicate only beds for patients, beds for the aged include facilities for the healthy and the sick and beds in children's homes indicate the number of children the institution can accommodate.

The more beds per thousand of the population, the better the service, while the occupation of the beds is probably an indication of the necessity of the service. Table 2.1 gives an estimate of the number of beds available in a few types of institutions per thousand of the population. The number of beds per thousand of the population was calculated by taking the number of questionnaires sent out as the universe. The actual number of beds in the test group was increased *pro rata* according to the percentage of responses. According to the official figures of the Department of Health for 1978 this calculated number of beds represents a seven per cent undercount. The mid-year estimates by the Department of Statistics were used for the population numbers.

TABLE 2.1

ESTIMATED NUMBER OF BEDS FOR WHITES AND NON-WHITES PER THOUSAND OF THE POPULATION

Type of institution	Whites	Non-Whites	Total
Hospitals	10,1	4,4	5,5
Special clinics/institutions	0,2	0,0	0,1
Homes for the aged	4,0	0,1	0,9

According to estimates the provision of beds for Non-Whites in special institutions or clinics for alcoholics, drug addicts, the mentally retarded, etc., is less than 0,1 per thousand of the population. Since an accurate count of beds cannot be claimed, the figures cannot be compared with statistics from other countries.

The large majority of the institutions in the test group have fewer than 100 beds. More than three-quarters (77,3 %) of the institutions for Whites have fewer than 100 beds while those with fewer than 100 beds for Coloureds, Asians and Blacks are respectively 81,3; 89,4 and 61,6 % of the total number of institutions for every separate population group. Smaller institutions allow for decentralization and in some cases improve the service that is provided.

The average occupation of beds in Non-White hospitals is relatively high, generally speaking higher than in the case of Whites. If the available beds per thousand of the population for Whites and Non-Whites are compared, it is logical that the occupation of beds for Non-Whites will be higher (Table 6, Appendix 1). Comparatively speaking there is a shortage of beds for Non-Whites in different types of institutions, especially if one considers that the average occupation of beds in psychiatric hospitals and children's homes for Non-Whites is more than 100 %.

The average occupation of hospital beds in Natal is higher than in any other geographical area, probably because of the high degree of occupation by Non-Whites. With regard to Whites, psychiatric hospitals and homes for the aged have the highest average occupation of beds. The average percentage occupation of the beds available in health clinics and day hospitals is relatively low, probably because these institutions are not intended to accommodate patients overnight, but are used for this purpose only in exceptional cases. Although there were few separate hospitals for infectious diseases in the investigation, little use is made of the beds available for Whites in such hospitals (43,5 %) while the average occupation of beds for Non-Whites in hospitals for infectious diseases is as high as 91,0 % (Table 4, Appendix 1).

It is mainly in the isolated rural areas that the overnight occupation of facilities for Whites is relatively low while the opposite is true of Non-Whites. Except in the Northern Free State, the occupation of beds for Non-Whites in rural areas is high. This tendency can probably be ascribed to some extent to the lower mobility

of Non-Whites in the country districts - they cannot readily reach the large hospitals in the cities and consequently use the hospitals nearest to them. The largest hospital for Non-Whites in the Bloemfontein area did not complete the questionnaire and this is probably the reason for the small number of beds for Non-Whites in Bloemfontein.

2.2 MANPOWER

The total number of registered medical and supplementary medical practitioners was obtained from the registers of the SAMDC. It was not possible to conclude from these registers however how many filled posts and vacancies there are, which employers offer the posts, whether the posts are full-time or part-time and whether those registered are economically active or not. An exposition is given in the table (Appendix 1, Tables 7 to 14) of the number of posts in the different occupations as well as the vacancies revealed by the investigation. The ratio of full-time to part-time posts is indicated for every occupation according to the kind of institution. The number of doctors and supplementary medical practitioners in private practice who took part in the investigation and as reflected in the data, are only those in practices registered with the Workmen's Compensation Commissioner, in other words one-man practices without employees are not included. There should not be too many of these however, since most practices have a receptionist/telephonist/secretary and thus an employer who is obliged to register with the Workmen's Compensation Commissioner. It should be noted however that the number of filled part-time posts does not necessarily reflect the number of persons since one person can fill more than one part-time post at more than one type of institution, or a full-time post at one institution and a part-time post at another.

The number of filled posts and vacancies for health and welfare staff in all the tables is given as at 1 March 1979. As far as possible analyses were done according to population group. In the tables where population groups are indicated separately, filled posts and vacancies are also indicated separately. Available posts (i.e. filled posts plus vacancies) are given in the total tables where the occupations are indicated for all population groups together. Growth rates for larger occupations were calculated according to the detailed data received from 1800 institutions (Table 2.2). The rest of the test group did not furnish full information on their staff for the years 1975 to 1979. Posts established at institutions since 1975 are therefore not reflected in the growth rate figures. In this sense the figures represent a minimum growth rate.

With the exception of full-time posts for Coloured and Asian nurses and part-time posts for a few separate population groups there was positive growth in all occupational groups during the years 1975 to 1979. In welfare institutions there was a reasonable percentual increase in the number of full-time posts for White general medical practitioners. Generally speaking however the growth rate of full-time and part-time posts for White general medical practitioners and part-time medical specialists was very low, while the growth rate of full-time posts for Non-White doctors was high in comparison with the population growth. In fact, the growth rate of full-time posts for Non-White medical specialists and dentists was higher than that for Whites for the period from 1975 to 1979. One should bear in mind however that the number of posts for Non-White medical practitioners was very low in 1975. The high growth rate can thus be a result of the low initial numbers. If the growth rate is maintained many more Non-White doctors and dentists will have to be trained in future to meet the demand. The growth rate of full-time posts for Whites (all categories) was consistently lower than that for posts for Non-Whites. The growth rate of part-time posts in all occupational groups (except where the initial numbers were small) was relatively low except in the case of registered nurses.

It is interesting to note that during the period under discussion there was a decrease in the number of full-time posts for Asian pupil nurses but a considerable increase (23,0 %) in the number of full-time posts for Asian student nurses. On the other hand the growth rate of full-time posts for White pupil nurses was higher than that for student nurses. It is also only in the case of Whites that the growth rate of full-time posts for registered nurses was lower than that for enrolled nurses. The shortage of registered nurses necessitated that part-time posts be created, as can be seen from the relatively greater increase of part-time posts (12,5 % as against 4,4 % for full-time posts).

TABLE 2.2
NUMBER OF POSTS IN 1975 AND AVERAGE ANNUAL GROWTH* UNTIL 1979 ACCORDING TO OCCUPATION AND POPULATION GROUP

W = Whites; C = Coloureds; A = Asians; B = Blacks
(a) Full-time posts

Occupation	General hospitals		Other hospitals		Dual institutions		Health clinics		Welfare organisations & institutions		School clinics		Government departments & research laboratories		Private practices & wholesale & retail pharmacies		Total all population groups					
	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	Total	N % growth				
Medical specialist	W 786	5,1	C 2	33,3	A 36	15,8	B 5	8,7	105	13,9	26	3,8	14	-3,6	1	0,0	62	2,3	490	5,3	1484	5,7
General medical practitioner/intern/clinical assistant	W 2190	0,6	C 24	103,8	A 213	5,2	B 44	18,9	150	0,5	183	2,6	138	-0,2	4	43,2	40	3,7	796	3,0	3501	1,3
Registered nurse (all categories)	W 7255	2,2	C 1183	4,3	A 137	5,2	B 4320	5,2	1511	2,8	1250	1,0	583	4,8	521	11,5	77	14,2	257	8,3	11454	2,9
Student nurse	W 5050	5,9	C 1134	0,8	A 67	21,0	B 2628	3,1	208	0,2	225	9,5	143	-2,1	54,8	37	12,4	1273	0,8	5487	5,9	
Enrolled nurse	W 835	4,3	C 626	3,5	A 80	4,2	B 2984	0,5	214	6,6	111	0,1	8	14,6	27	20,8	30	14,3	175	4,2	790	4,4
Pupil nurse	W 600	9,8	C 485	-14,9	A 33	-11,7	B 1112	2,6	28	10,9	62	-1,0	53	1,7	1	83,3	20	6,9	4020	1,4	6218	2,4
Nursing assistant	W 3045	3,6	C 1251	4,4	A 52	0,2	B 2947	2,5	392	5,3	408	3,1	9	-12,0	362	4,6	1623	1,1	710	8,6		

*The annual growth was calculated according to rectilinear regression and is expressed as a percentage.
Percentage growth was calculated only in cases of more than one member of staff in 1975.

(Continued)

TABLE 2.2 (CONTINUED)

Occupation	General hospitals		Other hospitals		Dual institutions		Health clinics		Welfare organisations & institutions		School clinics		Government departments & research laboratories=		Private practices & wholesale & retail pharmacies		Total		Total all population groups			
	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	Total	N	% growth	Total	N	% growth
Dentist	W 54	-0,9	C 17	41,2	A 36	10,6	B 9	-2,3	C 2	8,3	A 4	29,2	B 13	29,2	C 535	5,1	A 666	6,2	B 55	57,7	C 26	29,7
Dental intern	W 12	-5,1	C 18	4,3	A 49	9,3	B 9	12,0	C 4	47,5	A 6	0,0	B 2	0,0	C 1	0,0	A 38	4,2	B 50	2,0	C 5	15,1
Clinical psychologist + intern	W 18	4,3	C 3	0,0	A 0,0	4	B 3	2,9	C 1	33,3	A 10	7,3	B 21	15,2	C 7	0,0	A 3	18,8	B 3	0,0	C 102	10,3
Counselling psychologist + intern	W																					
Educational psychologist	W																					
Pharmacist + apprentice pharmacist	W 349	4,0	C 24	10,2	A 32	10,3	B 3	30,0	C 1	33,3	A 76	9,4	B 1	25,0	C 1439	6,0	A 1846	5,8	B 88	11,6	C 30	25,2
Physiotherapist + student	W 321	-2,9	C 21	3,7	A 16	-0,6	B 3	80,0	C 2	63,6	A 76	0,0	B 191	2,4	C 52	5,2	A 488	4,1	B 209	27,0	C 2	156,3
Occupational therapist	W 150	-1,3	C 33	11,7	A 13	0,8	B 3	26,5	C 4	44,7	A 53	15,8	B 1	30,0	C 3	19,2	A 252	4,5	B 4	45,7	C 31	15,1
Dietitian	W 89	11,0	C 0,0	0,0	A 6	11,7	B 1	0,0	C 7	35,7	A 1	35,7	B 3	32,4	C 3	17,9	A 102	11,3	B 1	0,0	C 1	14,2
Speech therapist	W 33	1,2	C 2	5,6	A 1	0,0	B 28	23,4	C 1	0,0	A 65	10,6	B 4	-7,1	C 2	16,7	A 135	10,3	B 104	12,7	C 10	11,5
Radiographic therapist + student	W 120	13,4	C 1	375,0	A 1	0,0	B 10	11,5	C 1	102,4	A 1	13,6	B 10	13,6	C 1	102,4	A 13	16,0	B 1	10,6	C 13	16,0

(Continued)

TABLE 2.2 (CONTINUED)

Occupation	General hospitals		Other hospital		Dual institutions		Health clinics		Welfare organisations and institutions		School clinics		Government departments & research laboratories		Private practices & wholesale & retail pharmacies		Total all population groups	
	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	Total	N % growth
Diagnostic radiographer + student	W 517	10,8	18	6,7	18	1,1	8	1,2	1	0,0					102	5,4	663	9,5
	C 27	2,6	3	-16,7	2	10,0										31	2,2	
	A 33	23,8														35	22,5	
	B 22	22,3														29	24,7	758 10,4
Supplementary diagnostic radiographer + student	W 29	13,7	10	4,8	5	11,1	2	0,0								40	10,9	
	C 10	8,7			1	66,7	1	0,0								12	15,5	53 11,8
Social worker	W 43	0,9	15	10,4	44	21,9	15	2,7	174	32,2	3	17,9	105	4,1				
	C 4	13,2	2	87,5		6	-3,3	52	20,7		2	16,7				399	18,3	
	A 4	0,0			7	62,5	3	7,1	6	21,9		6				66	21,5	
	B 4					3	300,0	27	27,4		17	104,7				9	17,4	
Medical technologist	W 298	6,6	2	0,0	5	-4,2	2	22,2								58	60,2	532 23,0
Medical technician	W 155	20,8																
	C 2	2,1	16	0,0	2	20,8	1	0,0										
	A 2	4,5																
	B 19	-12,5	3	14,3														
	C 20	5,3	4	-2,6	136	1,7	738	2,1	1	0,0								
	A 3,0				7	2,8	28	12,2										
Health inspector	W 3	46,4	2	15,0	5	0,0	21	7,6										
	C 2	0,0			27	3,7	99	4,8										
Dental mechanician	W 2					5	0,0											
Dental assistant	W C																	
Mouth hygienist	W																	

(Continued)

(b) Part-time posts

TABLE 2.2 (CONTINUED)

Occupation	General hospitals		Other hospitals		Health clinics		Welfare organisations & research institutions		Government departments and research laboratories		Private practices and wholesale and retail pharmacies		Total	Total all population groups	% growth
	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth	N	% growth			
Medical specialist	W C A B	1043 1 0,0	128	8,2	46	-1,7	10	2,4	1	27,5	105	2,5	1333	1,9	4,6
General medical practitioner	W C A B C A B	781 1 67,7 -1,1 30,1	46	6,6	210	2,5	22	0,0	37	1,3	195	-0,3	1291	1,8	10,1
Registered nurse	W C A B	207 24,7 1 17,3	77	9,6	76	9,2	13	8,1	1	17,3	143	-4,2	517	14,0	1347
Student nurse	W C A B	23 38,4 41 -3,3	45	-0,6	19	2,5	2	0,0			9	2,6	18	0,0	2,1
Enrolled nurse	W C A B	50 10 5,4 0,0	18	3,9	29	11,5							68	19,9	68
Pupil nurse	W B C B	21 18,5 142,6 9,2											21	36,4	87
Nursing assistant	W C B W W W	163 110 52 52 1,4 29,3	8,7 -0,2 5,6 5,6 5 0,0	39 16 97 4,3 11,8 5	4,7 -7,2 5 -5,6 6 2	11 2,2 5 3,9 3,9 10,1					17	10,6	219	8,2	59,9
Pharmacist	W W W W										36	2,0	154	4,2	510
Physiotherapist	W W W									17	10,6	99	2,6	99	2,6
Occupational therapist	W W W											35	17,3	35	16,6
Dietitian	W W W											3	52,0	3	44,8
Radiographical therapist	W W W											2	7,2	2	7,2
Diagnostic radiographer	W W W											1	27,5	72	8,4
Social worker	W C B W W											3	37,6	3	30,1
Medical technologist	W W W											35	9,2	35	9,2
Medical technician	W W W														

The ratio of posts for Whites in private practice to those working in general hospitals remained fairly constant during the period under discussion for specialists and general medical practitioners. This also applies to Asians. It should be remembered however that the posts and vacancies available for doctors in private practice cannot easily be determined in an investigation of this nature. Only practices in which more than one doctor is involved would be able to indicate a number of available posts and vacancies. A survey in this regard could indicate the extent of the need for one-man practitioners.

The percentage of vacant posts was calculated according to the total number of available posts to obtain an indication of the present demand for health service staff in hospitals. These data are shown in Table 2.3(a) and (b). Only occupations with the highest frequency were taken into consideration.

Although no vacancies are indicated for Non-White medical specialists this does not mean that there is no need for them. The lack of available Non-White specialists is probably largely responsible for the situation. The percentage of vacant full-time posts for White medical specialists and Non-White general medical practitioners is comparatively high (respectively 20,0 % and 17,0 %), while the available part-time posts are more often filled. The largest percentage of vacant full-time posts for Non-Whites, according to the survey group, is in the supplementary medical occupations such as occupational therapy and physiotherapy, medical technology, dietetics and pharmacy. There is however also a large percentage of vacancies for Whites in dietetics, occupational therapy and physiotherapy. The 26,9 % vacant posts also point to a shortage of White medical technicians. According to Tables 7 and 8 in the appendix there is a particular demand for orthopaedic orthotists, optometrists and audiometrists in general hospitals.

According to the data there is apparently no great shortage of White and Non-White enrolled nurses and Non-White nursing assistants. With regard to the nursing profession the largest percentage of vacancies is among White full-time nursing assistants, White and Non-White registered nurses and student nurses. The ten per cent of vacancies among registered nurses points to a relatively more serious shortage than in other occupations where the numbers are smaller and the services perhaps less essential. Since there are relatively few part-time posts for registered nurses and those that are available are mostly filled, vacancies in full-time posts can possibly be filled by part-time appointments. The vacancies among student nurses will result in a decrease in the number of registered nurses during the next few years and a more serious shortage. Apparently good use is being made in smaller hospitals of part-time nurses and consideration should be given to overcoming the shortages in this way.

An important aspect in the quality of the service provided by hospitals is the number of beds to which a member of staff has to attend. For example, a medical practitioner can devote much more attention to his patients when he is responsible for only 10 beds instead of 30. This applies to all members of the medical team. On the other hand underutilization of staff should also be avoided. Table 2.4 gives the average number of beds attended by one specialist, general practitioner, nurse, etc. The information is supplied separately for Whites and Non-Whites in the statistical appendix.

The favourable ratio of number of beds to doctors in small general hospitals, as shown in Table 2.4, can probably be ascribed to the large number of small private hospitals belonging to and served by doctors. However, general hospitals with 25 to 99 beds are worst off with regard to full-time doctors. While in larger hospitals there is an average of 15 to 20 beds per full-time doctor, in hospitals of this size the average number of beds per full-time doctor is 438. This category of hospital makes much use of part-time general medical practitioners. Except in the very large general hospitals (more than 400 beds), general hospitals make much more use of the services of part-time than of full-time medical specialists. In proportion to beds however, there are more full-time and part-time medical specialists attached to smaller "other hospitals" which include special hospitals (fewer than 400 beds).

TABLE 2.3
PERCENTAGE OF VACANT POSTS FOR HEALTH SERVICE STAFF

(a) General hospitals

Occupation	Full-time posts				Part-time posts			
	Whites		Non-Whites		Whites		Non-Whites	
	N	% vacant posts	N	% vacant posts	N	% vacant posts	N	% vacant posts
Medical specialist	1302	20,0	88	17,0	1182	10,2	19	4,0
General medical practitioner	1419	14,4	323	9,0	931	8,3	107	0,3
Registered nurse (all categories)	8538	10,0	7958	9,9	649	1,0	97	3,7
Student nurse	7192	11,0	4262	9,9			390	
Enrolled nurse	1086	4,7	4344	2,7	62	4,6	36	
Pupil nurse	880	8,6	1696	8,3	45	269	2,2	
Nursing assistant	3939	17,8	5715	4,2	240	3,3	175	
Pharmacist + apprentice pharmacist	446	8,1	63	22,2	64	7,8		3
Physiotherapist + student + masseur	525	20,4	71	23,9	38	13,2		2
Occupational therapist + student	272	20,2	15	40,0	6			
Dietitian + dietitian in training	154	23,4	5	20,0		3		
Radiographic therapist + student	210	8,6	60	13,3	12	75,0	7	100,0
Diagnostic radiographer + student	802	10,1	192	9,9	41	34,1	2	
Medical technologist	392	8,2	58	24,1	3	33,3	3	
Medical technician	223	26,9	35	11,4	24	33,3		
Social worker	163	6,1	39	7,7			1	100,0

(b) Other hospitals

Medical specialist	197	8,1	5	60,0	165	1,2		
General medical practitioner	122	5,7	21	23,8	61		16	62,5
Registered nurse (all categories)	2116	10,7	1731	8,5	132	2,3	39	
Student nurse	247	26,3	94	20,2			44	
Enrolled nurse	313	12,8	326	8,6	30		109	
Pupil nurse	64	28,1	134	11,2	39			
Nursing assistant	1120	5,7	2200	3,6	49			
Pharmacist + apprentice pharmacist	38	7,9			7			
Physiotherapist + student	26	11,5	4	50,0	5			
Occupational therapist	55	30,9	3	100,0	11	36,4	3	66,7
Diagnostic radiographer + student	25		7	14,3	2	50,0		
Medical technician	18	11,1						
Social worker	22	9,1	9	22,2				

TABLE 2.4

BEDS PER OCCUPATION ACCORDING TO SIZE OF INSTITUTION

(a) General hospitals

Occupation*		Fewer than 25 beds	29-99 beds	100-399 beds	400 and more beds	Total
		N=375	N=4817	N=17223	N=28517	N=50923**
Medical specialist	Full-time	375,0	802,8	391,4	34,9	58,7
	Part-time	93,8	68,8	66,2	62,0	64,1
General medical practitioner	Full-time	15,0	437,9	67,5	40,2	50,9
	Part-time	2,6	18,1	79,4	190,1	65,7
Intern (medical)	Full-time			3444,6	52,4	92,8
Registered nurse	Full-time	0,8	3,4	5,2	4,1	4,2
	Part-time	15,0	98,3	50,0	98,0	71,8
Student nurse	Full-time	375,0	15,5	8,4	4,9	6,2
Enrolled nurse	Full-time	2,9	6,1	18,9	12,0	12,1
	Part-time	28,8	301,1	313,1		606,2
Pupil nurse	Full-time	23,4	29,4	24,7	23,0	24,1
Nursing assistant	Full-time	1,3	5,4	6,9	8,1	7,1
Pharmacist	Full-time	62,5	178,4	265,0	135,8	165,4
Physiotherapist	Full-time	187,5	481,7	249,6	115,5	155,3
Occupation therapist	Full-time		4817,0	820,1	271,6	401,0
Dietitian	Full-time	375,0	1204,2	1148,2	343,6	494,5
Radiographical therapist	Full-time	375,0	4817,0	1013,1	180,4	287,8
Diagnostic radiographer	Full-time		130,2	229,6	50,6	74,3
Social worker	Full-time		2403,5	492,1	239,6	326,5
Medical technician	Full-time	375,0	802,8	366,4	224,5	628,8
Medical technologist	Full-time	375,0	437,9	2152,9	81,0	136,9

(b) Other hospitals

Medical specialist	Full-time	6,4	59,9	72,1	1591,6	90,2
	Part-time	7,6	74,3	59,8	3979,0	99,4
General medical practitioner	Full-time	41,3	232,1	64,5	795,8	189,8
Registered nurse	Full-time	4,2	3,3	3,3	9,5	5,6
	Part-time	41,3	37,9	54,4	994,8	78,5
Student nurse	Full-time		9,6	306,3	241,2	54,1
Enrolled nurse	Full-time	5,5	21,1	15,8	46,0	25,5
Pupil nurse	Full-time		464,3	1225,0	68,6	104,3
Nursing assistant	Full-time	5,4	4,7	3,7	6,9	5,5
Clinical assistant	Full-time		168,8	204,2	274,4	244,6

(c) Dual institutions

Medical specialist	Part-time	27,2	383,5	301,6	13167,0	458,3
General medical practitioner	Full-time	7,3	170,4	215,5	1316,7	181,3
	Part-time	16,1	62,6	279,3	6583,5	220,8
Registered nurse	Full-time	2,3	8,2	8,4	24,9	12,1
	Part-time	14,3	26,2	260,0		133,5
Student nurse	Full-time	86,0	511,2	36,3	32,8	39,1
Enrolled nurse	Full-time	51,6	33,7	21,5	26,7	25,7
Pupil nurse	Full-time	258,0	53,8	35,7	129,1	65,3
Nursing assistant	Full-time	4,7	11,8	9,8	30,0	15,4
	Part-time	12,9	38,8	942,6		191,3
Social worker	Full-time	39,7	118,0	837,9	2194,5	433,8
Health inspector	Full-time	9,1	146,1	754,1	13167,0	272,9

*Only occupations with 50 and more posts in the four categories together were taken into account

**N = number of beds in category

According to the data there is proportionately a preponderance of registered and enrolled nurses in the small hospitals. In most small hospitals however there are no training facilities with the result that there are virtually no student nurses and few pupil nurses. In most cases qualified nurses have to do the work which in larger hospitals is done by student nurses and much use is also made of nursing assistants. It is also clear that the very small hospitals in particular make most use of part-time nurses.

Relatively few physiotherapists, occupational, radiographical therapists and dietitians, social workers and medical technicians work in hospitals with 25 to 99 beds. There must be a pharmacist, irrespective of the number of patients. In smaller hospitals one can thus expect fewer beds per pharmacist than in larger hospitals. The data reveal that posts for supplementary medical staff such as therapists, social workers, technologists and technicians are mostly found in larger hospitals. In all hospitals little use is made of part-time supplementary medical services.

With regard to numbers, registered nurses form the largest single group in hospitals (84,3 % of the total number of posts for health and welfare staff). While for every three White medical specialists in general hospitals there are 19 posts for registered nurses, the ratio for Non-Whites is 3 : 266, in other words the Non-White nurse in Non-White hospitals plays a very important role in the care of patients. It should be borne in mind however, that in Non-White hospitals much use is made of part-time White medical specialists and general medical practitioners. An important conclusion is that the tempo of training of nurses is relatively high. There are almost just as many posts for White pupil nurses in general hospitals as for full-time enrolled nurses, while for every six posts for full-time registered nurses in general hospitals there are five student nurses (Table 7, Appendix 1). The ratio for Non-Whites is approximately 2 : 1.

As far as numbers are concerned nurses have the largest share in general health services. Nursing posts constitute 77 % of the total number of full-time posts for health and welfare staff in the survey group. For every general medical practitioner there are approximately six posts for registered nurses, for every post for a White general medical practitioner there are four posts for White registered nurses while for every post for a Non-White general medical practitioner there are almost 20 posts for Non-White registered nurses. The ratio of student nurses to registered nurses is 1 : 2. The student nurses filling the posts however are distributed over all the years of training. Many of them leave the occupation before they qualify and only a small percentage (approximately a third) qualify after three or three and a half years of training. According to the data on 1 March 1979 there were 10,6 % vacancies for White registered nurses in general hospitals and 7,4 % for Non-White registered nurses. It is clear that relatively more White than Non-White trained nurses leave the occupation before or after qualifying.

Non-Whites are mainly employed in nursing. In comparison with the other Non-White groups there are relatively few registered Asian nurses (approximately two for every general medical practitioner). This tendency is probably due to the cultural background and religious principles of the Asians.

In municipal health departments the most important members of the medical team are health inspectors (69,2 % of the full-time posts) and the nurses (11,5 % of the full-time posts). A large percentage of the other services is provided on a part-time basis.

Speech therapists and educational psychologists are the principal members of the child guidance clinics.

More than half of the full-time posts for medical technologists in the survey group (53,8 %) are in government departments and research laboratories. Only seven per cent of these posts are vacant while 10 % of the posts for medical technologists in general hospitals are vacant. With regard to the latter there is a particularly large shortage of Black medical technologists (66,7 % of the posts are vacant).

2.3 CONCLUSION

It must be emphasized that the synopsis of the findings does not contain all possible deductions. Only general tendencies are discussed. Finer detail can be deduced from the tables.

This investigation must be regarded as an exploratory one. Many questions regarding the provision of health and welfare services are left unanswered, for example what the need is for certain services; the relation between provision of and need for manpower in health and welfare services; the extent to which members of the health team supplement one another; the ideal relation between population, provision of facilities and health and welfare service manpower. The findings of the investigation point to problem areas in which in-depth investigations could reveal further information.

The World Health Organisation continually emphasizes health manpower planning which includes comprehensive investigations, planning and implementation. This investigation serves only as one of the foundations for further research.

The investigation deals with the entire spectrum of manpower in health and welfare services. The SAIMAR is also conducting research on specific occupations in the health services, e.g. occupational studies of physiotherapists, occupational therapists, speech therapists, dietitians, radiographers, psychologists, nurses and social workers. Some of these reports have been published.

TABLE 1
GEOGRAPHICAL DISTRIBUTION OF HEALTH AND WELFARE SERVICES, ACCORDING TO TYPE OF INSTITUTION

Geographical area	Hospitals										Municipal + other health clinics				Pharmaceutical manufacturer				Government departments & regional offices			
	General		Psychiatric for mentally retarded		For infectious diseases		Maternity		Day-hospitals/separate units		Other		Pharmacy									
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Greater Pretoria	8	2,9	1	5,6	1	4,5	4	23,5	12	16,0	3	7,1	4	0,8	87	8,3	6	10,5				
Witwatersrand	24	8,6	5	27,8	2	9,1	4	23,5	17	22,7	6	14,3	19	3,6	270	25,8	41	73,2	16	28,1		
Northern Transvaal	21	7,5	1	5,6	1	5,9	1	5,9	4	5,3	1	2,4	88	16,8	23	2,2	3	5,3	1	1,8		
Eastern Transvaal + Highveld	31	11,1			2	9,1			5	6,7	4	9,5	40	7,6	44	4,2						
Southern & South-Eastern Transvaal	9	3,2							2	2,7			8	1,5	45	4,3						
Western, North- & South-Western Transvaal	14	5,0	1	5,6					4	5,3	5	11,9	21	4,0	50	4,8						
Transvaal Bushveld	3	1,1	1	5,6					3	17,6	2	2,7	8	19,0	5	1,0	15	1,4	1	1,8		
Cape Town	6	2,2	1	5,6							3	4,0	1	2,4	37	7,1	56	5,4	2	3,6		
Western Province	11	3,9			1	4,5					2	2,7			58	5,5	3	5,4	5	8,8		
Coastal area and the Langkloof	10	3,6			2	9,1					1	1,3			32	6,1	21	1,8	2	3,5		
Little and Great Karroo	8	2,9	1	5,6							3	4,0	1	2,4	29	5,5	12	1,1	3	5,3		
Eastern Cape coastal areas	7	2,5	3	16,7	5	22,7					3	4,0	1	1,3	48	9,2	61	5,8	2	3,6		
Eastern Cape	25	9,0	1	5,6	2	9,1					6	8,0	5	11,9	58	11,1	31	3,0	3	5,3		
Northern & North-Western Cape	24	8,6			1	4,5					3	4,0	3	7,1	6	1,1	64	6,1	1	1,8		
Durban	6	2,2			1	4,5					3	4,0	1	2,4	18	3,4	36	3,4				
Northern Natal and Zululand	34	12,2	1	5,6	1	4,5	2	11,8	3	4,0	1	2,4	20	3,8	39	3,7	5	8,9	2	3,5		
Natal Midlands	12	4,3	2	11,1	1	4,5					1	1,3	1	2,4	22	4,2	23	2,2				
Southern Natal	7	2,5			3	13,6									5	1,0	18	1,7				
Bloemfontein	2	0,7	1	5,6							2	2,7	3	7,1	23	4,4	39	3,7				
Northern Free State	11	3,9							2	11,8	1	1,3			13	2,5	3	1,3				
Drakensberg	4	1,4																2	3,5			
Southern Free State	2	0,7																				
TOTAL	N	279	100	18	100	22	100	17	100	75	100	42	100	523	100	1046	100	56	100	57		
Postal code unspecified	%	5,6	0,4	0,4	0,3					1,5	0,8			10,6	0,8	21,1	1,1	1,2		1		

*Most of the maternity hospitals form part of general hospitals, especially those in the rural areas, hence the small number of maternity hospitals

(Continued)

TABLE 1 .(CONTINUED)

Geographical area	Other institutions											
	Welfare organisations			Children's home			Home for the aged			Special clinic institution		
	N	%	N	%	N	%	N	%	N	%	N	%
Greater Pretoria	4	5,2	4	8,0	11	3,7	2	4,3	10	5,1	2	2,5
Witwatersrand	14	18,2	8	16,0	50	17,0	8	17,4	19	9,6	14	17,5
Northern Transvaal			3	1,0	2	4,3	3	1,5	2	2,5	2	2,8
Eastern Transvaal and Highveld			11	3,7	6	2,0	1	2,2	1	0,5	5	6,3
Southern and South-Eastern Transvaal			1	2,0	2	4,0	4	2,0	1	0,5	5	6,3
Western, North-Western & South-Western Transvaal Bushveld			1	1,3	2	4,0	8	2,7	3	6,5	4	2,0
Cape Town	11	14,3	7	14,0	18	6,1	8	17,4	28	14,2	1	1,3
Western Province	11	14,3	2	4,0	39	13,3	2	4,3	35	17,8	8	10,0
Coastal areas and the Langkloof	5	6,5	2	4,0	17	5,8	1	2,2	13	6,6	5	6,3
Little and Great Karroo	4	5,2			17	5,8	7	3,6	1	1,3	2	2,8
Eastern Cape coastal areas	6	7,8	4	8,0	17	5,8	5	10,9	25	12,7	5	6,3
Eastern Cape	3	3,9	3	6,0	20	6,8	1	2,2	14	7,1	2	2,5
Northern and North-Western Cape	6	7,8	2	4,0	17	5,8	5	10,9	20	10,2	4	5,0
Durban	2	2,6	6	12,0	14	4,8	3	6,5	2	1,0	5	6,3
Northern Natal and Zululand	1	1,3			4	1,4	2	4,3	3	1,5	2	2,5
Natal midlands	3	3,9	6	12,0	13	4,4	5	10,9	5	2,5	3	3,8
Southern Natal					4	1,4					1	1,3
Bloemfontein	3	3,9	1	2,0	10	3,4	1	2,2	4	0,5	4	5,0
Northern Free State			2	4,0	4	1,4			1	1,3	3	4,2
Drakensberg					3	1,0			1	1,3	1	1,4
Southern Free State											1	1,3
TOTAL	N	77	100	50	100	294	100	46	100	197	100	80
Postal code unspecified	%	1,6	1,0	5,9	0,9	4,0	1,6	1,6	1,5	1,5	0,3	4,6

*Institutions which have a dual purpose, for example a hospital + a rehabilitation centre, a home for the aged + a hospital, a welfare organisation + a children's home etc. Of the 227 dual institutions which responded 118 were hospitals each of which also had another function and 113 of the welfare organisations which responded had a dual function.

(Continued)

TABLE 1 (CONTINUED)

Geographical area	Medical practices						Supplementary medical practices						Total			Unspecified		
	General medical practice		Medical specialist practice		Dental practice		Dental specialist practice		Dental laboratory dental technician		Supplementary medical practice		Counseling/Clinical psychology		Chiropractic/Homoeopathy practice			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Greater Pretoria	37	5,9	50	11,4	37	8,0	7	18,0	6	10,9	6	12,2	1	33,3	3	11,1	1	20,0
Witwatersrand	122	19,6	141	32,0	135	29,1	19	48,7	13	23,6	14	28,6	1	33,3	8	29,6	1041	6,7
Northern Transvaal	11	1,8	7	1,6	11	2,4			1	1,8	2	4,1					200	10
Eastern Transvaal & Highveld	21	3,4	10	2,3	16	3,4			1	1,8	1	2,0					200	4,0
Southern & South-Eastern TVL	23	3,7	12	2,7	11	2,4			1	1,8	3	6,1					226	3
Western, North-Western & South-Western Transvaal	35	5,6	7	1,6	12	2,6			1	1,8					1	3,7	141	4,6
Transvaal Bushveld	10	1,6	1	0,2	4	0,9			1	1,8	3	6,1					226	2
Cape Town	51	8,2	55	12,5	56	12,1	7	17,9	10	18,2	5	10,2					141	2,8
Western Province	39	6,3	17	3,9	26	5,6	1	2,6	1	1,8							141	2
Coastal area & the Langkloof	12	1,9	4	0,9	10	2,2			2	3,6							141	2
Little & Great Karroo	9	1,4	2	0,5	5	1,1			1	1,8	3	5,5					141	2
Eastern Cape coastal areas	49	7,9	34	7,7	19	4,1			3	5,5	3	6,1					141	2
Eastern Cape	26	4,2	1	2,0	9	1,9			1	1,8	1	2,0					141	2
North & North-Western Cape	21	3,4	9	2,0	7	1,5			1	1,8	1	2,0					141	2
Durban	55	8,8	51	11,6	41	8,8	3	7,7	6	10,9	6	12,2	1	33,3	3	11,1	243	4,9
North Natal & Zululand	10	1,6	3	0,7	9	1,9			1	1,8	1	2,0					243	7
Natal Midlands	27	4,3	16	3,6	23	5,0			2	3,6	1	2,0					297	6,0
Southern Natal	14	2,3	7	1,5	1	2,6			1	1,8	2	3,6					149	3,0
Bloemfontein	16	2,6	16	3,6	9	1,9	1	2,6	2	3,6	1	2,0					204	4,1
Northern Free State	25	4,0	4	0,9	13	2,8			1	1,8	2	4,1					204	5
Drakensberg	4	0,6	4	0,9	4	0,9							1	3,7			92	4
Southern Free State	5	0,8															92	4
TOTAL	N 622	100	440	100	464	100	39	100	55	100	49	100	3	100	27	100	4954	100
Postal code unspecified	7	2	8								0,1	0,5			1		51	
GRAND TOTAL																	5084	

TABLE 2
CONTROL OF ORGANISATIONS WHICH RENDER HEALTH AND WELFARE SERVICES

Type of organisation	Central government												Provincial authorities						
	Department of Health		Department of Defence		Department of National Education		Department of Social Welfare & Pensions		Other govt departments		Transvaal		Cape		Natal		Orange Free State		
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
General hospital	N	7	11,3	2	3,6						53	46,1	67	29,3	18	48,6	16	61,5	
Psychiatric hospital	N	2,5	17,7	0,7							19,0	0,9	24,0	6,5			5,7		
Hospital for infectious diseases	N	1,1	17,7								5,6								
Maternity hospital	N	1,7	11,3								1,9	0,9	1,7	11,8	2	0,9			
Day hospital/separate theatre unit	N	1,8	1,6								1,1	0,9	1,1	0,9	2	0,9			
Other special hospitals	N	5,9	3,2	53	96,4						1,3	1,0	2,6	2,6	2	2,6			
Municipal and other health clinics	N	2,6	68,8								4	4,0	1	0,9	14,0	2,6			
Special institution/clinic	N	1,0	16,1								0,8	0,5	0,2	0,1	4,7	5,4			
Home for the aged	N	1,9	1,6								5	5,0	1,8	0,9	1,7	5,4			
Special school/training centre for Whites	N	2,1	1,6								10,9	61	2,2	2,2	0,4	1,3			
Special school for Non-Whites	N	2,2									60	4	3,6	3,6	1,3	0,9			
Rehabilitation centre/Place of safety and custody	N	2,5	3,2								20,8	27,4	0,7	0,7	0,2	0,9			
School/child guidance clinic	N	2									1	1,0	1,0	1,0	1,5	2,6			
Research laboratory	N	3	4,8								15	21,1	54	76,1	1,0	1,0	1,5	2,6	
Children's home	N	5,1									18,8	18,8	20,8	20,8	1,0	1,0	1,5	2,6	
Welfare organisation	N	1	1,6								15	21,1	54	76,1	1,0	1,0	1,5	2,6	
Government department: Head & Regional office	N	1,3	11,3								1,3	1,4	1,0	1,0	1,0	1,0	1,0	1,0	
Pharmaceutical manufacturer	N	12,7									6,9	4,0	6,9	6,9	1,3	1,3	1,3	1,3	
Dual institution	N	1,1	1,6								1	1,4	97	95,1	1	1,8	1,8	1,8	
TOTAL	N	62	100	55	100	71	100	101	100	102	42,2	0,4	0,4	0,4	2,6	5,2	5,2	5,2	
Type of organisation unspecified	%	2,8		2,5		3,2		4,6		4,6		4,6		2,5	5,2	10,4	10,4	1,7	1,2
TOTAL	N	63		55		71		104		104		104		56	117	230	39	26	
Control unspecified																			
GRAND TOTAL																			

(Continued)

TABLE 2 (CONTINUED)

Type of organisation	Local authority	National State	Private						Total						Control unspecified
			Public corporation	Church	Welfare organisation	Mining corporation	Other privately controlled organisations	Other pri= controlled organisations	Other control organisa=	Dual control	N	%	N	%	
General hospital	N 0,4	0,3	29 20,9	1,3	23,1	16 10,7	0,7	27 54,0	30 13,6	8 6,7	2,9	6,7	279	12,6	
Psychiatric hospital	N 0,1	0,3	10,4	1,1	5,7	0,7	1,1	16,3	11,2	1,1	0,9	1,8	100	0,8	
Hospital for infectious diseases	N 5,6	0,8	1 0,7					2,5	1,3	1,4	1,4	1,4	1 0,8	100	1,0
Maternity hospital	N 13,6	4,5						31,8	1,4	5,9	2,0	2,0	4,5	17	0,8
Day hospital/separate theatre unit	N 1,3	0,7	1 1,3	1	7,7	35,3	4,0	23,5	11,8	6,0	11,8	5,0	2,6	100	
Other special hospital	N 4,2	1,4	4,4	9,3	30,8	1 0,7	1,8	3,9	14,3	12 24,0	11 25,6	5,0	2,6	100	
Municipal/other health clinics	N 65,8	93,2	88 63,3	0,2	15,4	1,5	3,4	1,5	1,8	2,0	1,0	0,2	1 10,0	48 40,3	23,7
Special institution/ clinic	N 1,4	2,2	16,8	0,4	1,0	1,7	4,7	24	8,4	1,0	0,2	0,9	9,2 40,3	100	2,1
Home for the aged	N 4	1,1	1,1	0,7									6,5 2,5	100	1,9
Special school/training centre for Whites	N 15,4	2 1,4	1,4	2,2									4,3 2,1	100	1
Special school for Non-Whites	N 1,4												24 20,2	293	13,3
Rehabilitation centre/ Place of safety & custody	N 1,7	0,7											8,9 8,2	100	
School/Child guidance clinic	N 1,7												11 8,2	100	
Research laboratory	N 1,7												5,6 5,6	100	
Children's home	N 38,0	12,8	12,8	1,8	6,3								11 9,2	100	8,9
Welfare organisation	N 15,8	12	8,1	55	19,3								1,1 2,5	100	1
Government department	N 6,9	2,9	1,3	23,1	9,1	21 14,1	8	2,8	6 12,0	96,4 24,4	19 8,6	1 10,0	1,1 3,8	100	3,6
Head & Regional office	N 7,0	4,3	10 7,2	1,3	100	13 100	6,7	285 100	50 100	221 100	10 100	0,4 10,0	4,0 1,7	100	2,3
Pharmaceutical manufacturer	N 7,0	100	6,3	0,6									1,3 1,7	100	3,4
Dual institution	N 140	1											1,1 0,8	100	2,6
Total	N 369	100	139	100	0,6	6,7	149	100	285 100	50 100	221 100	10 100	119 100	2209 100	8
Type of organisation unspecified	N 31	1											1,1 0,8	100	2,5
TOTAL	N 1400												1,1 0,8	100	2,6
Control unspecified													6 125	2288	8
GRAND TOTAL															2296

TABLE 3
PRIVATELY CONTROLLED ORGANISATIONS*

Type of organisation	Subsidised by the central government		Subsidised by Provincial authority		Subsidised by two bodies		Receives no subsidy		Subsidy not specified		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
General hospital	N 5 % 6,4	1,3	13 16,7	31,0	27 34,6	50,0 33,3	26 9,0	14,6	7 10,3	10,3	78 100	10,9
Psychiatric hospital	N 1 % 20,0	0,3			1 20,0	1,9 40,0	2 40,0	1,1	1 20,0	1,5	5 100	0,7
Hospital for infectious diseases	N 10 % 100,0	2,7									10 100	1,4
Maternity hospital	N 4 % 30,8	9,5			1 7,7	1,9 61,5	8 61,5	4,5			13 100	1,8
Day hospital	N 1 % 6,7	0,3			4 26,7	7,4 66,7	10 66,7	5,6			15 100	2,1
Other special hospital	N 2 % 18,2	1,6	2 6,1	4,8	13 39,4	24,1 36,4	12 36,4	6,7			33 100	4,6
Health clinic	N 2 % 33,3	1,6	2 11,1	4,8	1 5,6	1,9 38,9	7 38,9	3,9	2 11,1	2,9	18 100	2,5
Special clinic/institution	N 2 % 72,7	6,4	2 6,1	4,8			4 12,1	2,2	3 9,1	4,4	33 100	4,6
Home for the aged	N 5 % 68,3	11,9	5 2,5	11,9	1 0,5	1,9 11,9	24 11,9	13,5	34 16,8	50,0	202 100	28,1
Special school for Whites	N 1 % 81,3	3,5	1 6,3	2,4			2 12,5	1,1			16 100	2,2
Special school for Non-Whites	N 1 % 100,0	0,3									1 100	0,1
Rehabilitation centre	N 2 % 77,8	5,6	2 7,4	4,8			1 3,7	0,6	3 11,1	4,4	27 100	3,8
School & Child guidance clinic	N 1 % 50,0	0,3					1 50,0	0,6			2 100	0,3
Research laboratory	N 1 % 100,0	12,5									47 100	6,5
Children's home	N 1 % 82,5	8,8	1 2,5	2,4			2 5,0	1,1	4 10,0	5,9	40 100	5,6
Welfare organisation	N 1 % 74,6	13,3	1 1,5	2,4			8 11,9	4,5	8 11,9	11,8	67 100	9,3
Pharmaceutical manufacturer	N 1 %						51 94,4	28,7	3 5,6	4,4	54 100	7,5
Dual institution	N 1 % 33,3	5,1	9 15,8	21,4	6 10,5	11,1 35,1	20 35,1	11,2	3 5,3	4,4	57 100	7,9
TOTAL	N 376 % 52,4	100	42 5,8	100	54 7,5	100	178 24,8	100	68 9,5	100	718 100	100

*Private medical and supplementary medical practices and pharmacies excluded.

TABLE 4
NUMBER OF BEDS AND AVERAGE OCCUPATION OF BEDS OF INSTITUTIONS PROVIDING OVERNIGHT FACILITIES, ACCORDING TO TYPE OF INSTITUTION

Type of institution	N ⁴⁾	Whites				Non-Whites				Total						
		Beds available	N	%	Beds occupied	N	%	Beds available	N	%	Beds occupied	N	%	% occu=pa=tion		
General hospitals	224	N 29,7	26,0	12286	22,2	68,9	42138	50,9	34090	48,7	80,9	59959	39,7	46376 37,0		
Psychiatric hospitals	12	N 5056	7,4	4501	8,1	89,0	3961	4,8	4024	5,7	101,6	9017	6,0	8525 6,8		
1) Hospitals for infectious diseases	17	N 56,1	46	0,1	20	0,0	43,5	4756	5,8	4329	6,2	91,0	4802	3,2	4349 3,5	
2) Maternity hospitals	15	N 519	0,8	354	0,6	68,2	367	0,4	350	0,5	95,4	886	0,6	704 0,6		
Day hospitals & separate theatre units	45	N 58,6	916	1,3	100,0	8,0	41,4	30	0,0	0,0	0,0	946	0,6	100 100		
Other special hospitals	28	N 1549	2,3	1056	1,9	68,2	2864	3,5	2098	3,0	73,3	4413	2,9	3154 2,5		
3) Health clinics	44	N 35,1	309	0,5	80	0,1	25,9	489	0,6	322	0,5	65,8	798	0,5	402 0,3	
Special clinics/institutions	24	N 38,7	1310	1,9	1022	1,8	78,0	477	0,6	434	0,6	91,0	1787	1,2	1456 1,2	
Homes for the aged	185	N 73,3	17477	25,5	16390	29,7	93,8	1361	1,6	26,7	29,8	1,8	94,6	18838	12,5	17678 14,1
Special schools/training centres for Whites	59	N 92,8	8487	12,4	7275	13,2	85,7	7,2	7,3	1288	7,3	1,0	100	100	100	93,8
Special schools for Non-Whites	5	N 100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100	100	100	100 100
Rehabilitation centres/Places of safety and custody	48	N 81,9	4719	6,9	4266	7,7	90,4	1042	1,3	966	1,4	92,7	5761	3,8	5232 4,2	
Children's homes & welfare organisations	21	N 77,2	3071	4,5	2328	4,2	75,8	907	1,1	1000	1,4	110,3	3978	2,6	3328 2,7	
Dual institutions	148	N 6599	6599	9,6	5227	9,5	79,7	22182	26,8	19110	27,3	86,2	28781	19,0	24367 19,4	
Unspecified	14	N 22,9	578	0,8	366	0,7	63,3	124	0,1	103	0,1	83,1	702	0,5	469 0,4	
TOTAL	889	N 45,3	68457	100	55274	100	80,7	82705	100	70018	100	84,7	151162	100	125292 100	
															82,9	

1) Only where hospital functions independently of general hospital

2) Only where hospital functions independently of general hospital

3) A few health clinics provide overnight facilities

4) 66 of the institutions with overnight facilities, did not specify number of beds

(a) All racial groups

TABLE 5
INSTITUTIONS ACCORDING TO SIZE, DETERMINED ACCORDING TO NUMBER OF BEDS AVAILABLE

Type of institution	<25			25-99			100-399			400 and more			Total		Institutions which did not indicate number of beds
	N*	Beds	%	N	Beds	%	N	Beds	%	N	Beds	%	N	Beds	
General hospital	23	407	13,8	87	5153	18,2	84	18801	35,2	30	35598	55,1	224	59959	39,7
Psychiatric hospital				2	77	0,3	3	982	1,8	7	7958	12,3	12	9017	6,0
Hospital for infectious diseases				2	85	0,3	14	3715	7,0	1	1002	1,6	17	4802	3,2
Maternity hospital	5	66	2,2	8	481	1,7	2	339	0,6				15	886	0,6
Day hospital & separate theatre unit	34	360	12,2	10	436	1,5	1	150	0,3	4	1904	2,9	45	946	0,6
Mine hospital + clinic	3	38	1,3	2	281	1,0	1	282	0,5				10	2505	1,7
Other special hospital	1	18	0,6	13	837	2,9	4	1053	2,0				18	1908	1,3
Health clinic	38	323	11,0	4	341	1,2	2	203	0,4				18	798	0,5
Special clinic/institution	6	98	3,3	16	1082	3,8	2	607	1,1				24	1787	1,2
Home for the aged	15	511	17,3	134	9955	35,0	32	6398	12,0	4	1974	3,1	185	18838	12,5
Special school/training centre	11	171	5,8	25	2186	7,7	27	7577	14,2	1	560	0,9	64	10494	6,9
Rehabilitation centre/place of safety and custody	8	96	3,3	23	1752	6,2	16	3372	6,3	1	541	0,8	48	5761	3,8
Children's home/Welfare organisation	4	161	5,5	17	1919	6,8							21	3978	2,6
Dual institution	42	671	22,8	58	3700	13,0	38	9372	17,6	10	15038	23,3	148	28781	19,0
Institution unspecified	9	26	0,9	2	93	0,3	3	514	1,0				14	702	0,5
TOTAL	199	2946	100	403	28379	100	229	53365	100	58	64575	100	889	151162	100
															82

(Continued)

(b) Whites

TABLE 5 (CONTINUED)

Type of institution	< 25	25-49	50-74	75-99	100-149	150-199	200-299	300-399	400-499	500-799	800-999	1000-2000	Total
	N	%	N	%	N	%	N	%	N	%	N	%	N
General hospital	N 64 % 40,3	34 21,4	22,8 12,6	20 12,5	18,7 5,7	4 9,1	8,2 2,0	9 9,1	17,3 3,8	5 3,1	17,9 2,1	9 5,7	31,0 2,5
Psychiatric hospital	N 1 %	0,7											
Maternity hospital	N 2 %	1,1	1 0,7	0,7	3 37,5	1 12,5	2,8 12,5	1 2,0	2,0 12,5	1 1	3,6 3,6		
Day hospital & separate theatre unit	N 34 %	18,4	5 3,4	3,4	4 9,1	3,7							
Other hospital*	N 2 %	1,1	5 3,4	3,4	5 29,4	4,7	2 29,4	4,1	1,9 5,9	1 1,8	1,9 1,8	2 2,3	7,1 2,3
Health clinic	N 2 %	1,1	11,8 29,4	11,8 29,4	29,4 29,4	11,8 11,8	11,8 11,8	4,1 5,9	1,9 1,8	2 5,9	7,1 7,1		
Special clinic/institution	N 6 %	3,2	10 45,5	6,7 43,0	4 46,43,0	4 9,2	3,7 32,7	2 16,3	4,1 34,6	2 4,6	3,7 28,6		
Home for the aged	N 14 %	7,6	64 36,8	43,0 26,4	46 26,4	43,0 9,2	32,7 10,3	32,7 10,3	34,6 10,3	34,6 10,3	32,7 4,6	32,7 1,1	16,7 1,1
Special school/training centre	N 8 %	4,3	3 5,5	2,0 20,0	11 16,4	10,3 14,5	10,3 14,5	10,3 7,3	18,4 14,3	18,4 14,3	10,3 10,9	28,6 20,7	16,7 41,7
Rehabilitation centre/Place of safety and custody	N 5 %	2,7	8 14,5	5,4 12,2	5 12,2	4,7 14,6	6 12,2	12,2 17,1	7 4,9	13,5 7,1	7 4,9	13,5 20,7	16,7 8,3
Children's home	N 3 %	1,6	20,0	40,0	6 13,3	5,6 13,3	2 13,3	4,1 3,8	2 6,7	3,8 6,7	1 6,7	3,4 14,6	7,7 2,4
Dual institution	N 45 %	24,3	18 22,0	12,1 3,7	3 6,1	2,8 3,7	5 3,7	10,2 2,4	3 2,4	7,1 6,1	5 6,1	17,2 17,2	
TOTAL	N 185 %	100 29,2	149 23,5	100 16,9	49 7,7	100 8,2	52 4,4	100 4,6	28 4,6	100 1,9	4 0,6	100 2,1	13 1,2
													100 50,0
													100 1,2
													100 0,3
													100 0,5

(Continued)

(c) Coloureds

TABLE 5 (CONTINUED)

Type of institution	<25	25-49	50-74	75-99	100-149	150-199	200-299	300-399	400-499	500-799	800-999	1000 and more	Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	
General hospital	31	44,3	17	51,5	11	37,9	3	25,0	4	33,3	1	16,7	2	100
Psychiatric hospital	40	3	22,1	14,3	3,9	5,2	1,3	2,6	2,6	100	3,9	375,0	1	100
Hospital for infectious diseases	N	%	33,3	3,0	33,3	1	3,4					125,0	33,3	
Maternity hospital	N	%	28,6	2,9	14,3	1	3,4	14,3	8,3	28,6	2	33,3	14,3	
Other special hospital	N	%	50,0	2,9	1	3,0	25,0	1	8,3					
Health clinic	N	%	5	7,1	1	3,4	16,7	33,3	2	16,7	1	16,7	16,7	
Special clinic/ institution	N	%	100											
Home for the aged	N	%	20,0	2,9	2	6,1	2	6,9	3	25,0	1	8,3	100	
Special school	N	%	20,0	20,0	1	3,4	100		100					
Rehabilitation centre/Place of safety & custody	N	%	33,3	1,4	3,0	1	3,4							
Children's home	N	%	33,3	33,3	33,3	2	6,9	2	16,7					
Dual institution	N	%	27	38,6	11	33,3	9	31,0	1	8,3	3	25,0	2	100
TOTAL	N	%	70	100	33	100	29	100	12	100	5	100	4	100
			39,5	18,6	100	16,4	6,3	6,8	3,4	2,8	0,6	2,3	0,6	1,1
														1,2
														100
														177
														100

(Continued)

(d) Asians

TABLE 5 (CONTINUED)

Type of institution	<25		50-74		75-99		100-149		1000 and more		Total	
	N	%	N	%	N	%	N	%	N	%	N	%
General hospital	N %	16 100	53,3								16 100	42,1
Psychiatric hospital	N %	1 50,0	3,3								2 100	5,3
Hospital for infectious diseases	N %	1 100	3,3								1 100	2,6
Special school	N %										1 100	2,6
Rehabilitation centre	N %										1 100	2,6
Children's home	N %										1 100	2,6
Dual institution	N %	12 80,0	40,0	1 6,7	100						2 100	5,3
TOTAL	N %	30 78,9	100	1 2,6	100	3 7,9	100	3 7,9	1 2,6	1 100	38 100	

(Continued)

(e) Blacks

TABLE 5 (CONTINUED)

Type of institution	<25		25-49		50-74		75-99		100-149		150-199		200-299		300-399		400-499		500-799		800-999		1000 and more		Total		
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
General hospital	N 20	18,5	N 15,8	19,51,4	N 13,3	6,4,0	N 2,5	3,21,4	N 14,2	17,65,4	N 8,3	10,50,0	N 13,3	16,59,3	N 3,3	4,44,4	N 5,0	6,46,2	N 1,7	2,100	N 1,7	2,40,0	N 14,3	120,40,1	N 100	100	
Psychiatric hospital	N % 16,7		N % 14,3	N % 1	N % 2,7																						
Hospital for infectious diseases	N % 60,0		N % 3	N % 2,8	N % 20,0	N % 1	N % 2,7	N % 7,1	N % 1	N % 4,0	N % 7,1	N % 1,1	N % 21,4	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	N % 14,3	
Maternity hospital	N % 60,0		N % 100	N % 1	N % 2,7																						
Day hospital	N % 100		N % 1	N % 2,7																							
Mine hospital and clinic	N % 90,7		N % 33,3	N % 2,8	N % 22,2	N % 2	N % 5,4																				
Health clinic	N % 39	36,1	N % 3	N % 8,1	N % 3	N % 8,1	N % 1	N % 4,0	N % 2,3	N % 7,0	N % 2,8	N % 1	N % 2,3	N % 1	N % 3,7	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	
Special clinic/N institution	N % 33,3		N % 1	N % 0,9																							
Home for aged	N % 60,0		N % 3	N % 2,8	N % 60,0	N % 1	N % 4,0	N % 20,0	N % 1	N % 4,0	N % 20,0	N % 1	N % 5,0	N % 20,0	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	N % 33,3	
Special school	N % 42,9		N % 3	N % 2,8	N % 42,9	N % 1	N % 7,1	N % 14,3	N % 1	N % 7,1	N % 14,3	N % 1	N % 5,0	N % 14,3	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	N % 20,0	
Rehabilitation centre/Place of safety and children's home	N % 66,7		N % 2	N % 1,9	N % 33,3	N % 1	N % 4,0																				
Welfare orga-nisation	N % 100		N % 1	N % 0,9	N % 100	N % 1	N % 0,9																				
Dual institu-tion	N % 40,0		N % 32	N % 29,6	N % 11,3	N % 9	N % 24,3	N % 6,3	N % 5	N % 20,0	N % 10,0	N % 8	N % 57,1	N % 7,5	N % 4,20,0	N % 5,0	N % 7,5	N % 6,22,2	N % 3,8	N % 3,23,1	N % 1,3	N % 11,1	N % 5	N % 4,30,8	N % 4,3	N % 2,40,0	
TOTAL	N % 36,1	108	N % 100	N % 37	N % 100	N % 12,4	N % 8,4	N % 4,7	N % 25	N % 100	N % 14	N % 100	N % 26	N % 100	N % 6,7	N % 8,7	N % 9,0	N % 27	N % 100	N % 13	N % 100	N % 4,3	N % 1,7	N % 100	N % 100	N % 100	

TABLE 6
NUMBER OF BEDS FOR WHITES AND NON-WHITES ACCORDING TO GEOGRAPHICAL LOCATION OF INSTITUTIONS

Geographical area	Whites				Non-Whites				Total			
	Beds available N	Beds occupied N	% occupator	Beds available N	Beds occupied N	% occupator	Beds available N	Beds occupied N	% occupator	Beds occupied N	Beds occupied N	% occu= pation
Greater Pretoria	N 6497	9,5	5329	9,6	82,0	4308	5,2	4052	5,8	94,1	10805	7,1
Witwatersrand	N 60,1	56,8	10920	19,8	79,4	9935	12,0	8235	11,8	82,9	100	100
Northern Transvaal	N 13756	20,1	57,0	66,1	1,2	63,8	6925	8,4	6141	8,8	88,7	23691
Eastern Transvaal and Highveld	N 58,1	13,0	9,7	1656	3,0	75,4	6087	7,4	4402	6,3	72,3	15,7
Southern and South-Eastern Transvaal	N 1036	1,5	27,3	1431	2,6	76,2	1144	1,4	997	1,4	87,2	100
Western, North-Western and South-Western Transvaal	N 2197	3,2	58,9	58,9	37,9	41,1	41,1	41,1	41,1	41,1	100	100
Transvaal Bushveld	N 26,5	2,7	1431	5,0	82,9	1764	2,1	1638	2,3	92,9	5209	3,4
Cape Town	N 62,1	62,1	63,6	2856	5,2	33,9	36,4	36,4	36,4	36,4	100	100
Western Province	N 3445	5,0	267	0,5	75,9	533	0,6	429	0,6	80,5	885	0,6
Coastal areas and the Langkloof	N 66,1	352	38,4	38,4	60,2	61,6	61,6	61,6	61,6	61,6	100	100
Little and Great Karroo	N 48,5	4,2	73,8	4,1	77,3	808	1,0	798	1,1	98,8	3712	2,5
Eastern Cape coastal areas	N 2904	1892	2,8	1879	3,4	99,3	131,0	131,0	131,0	131,0	100	100
Eastern Cape	N 50,1	7,3	4329	7,8	86,3	4963	6,0	3708	5,3	74,7	9980	6,6
Northern and North-Western Cape	N 50,3	5,5	53,9	53,9	49,7	46,1	46,1	46,1	46,1	46,1	100	100
Durban	N 3746	47,7	2964	5,4	79,1	4100	5,0	3869	5,5	94,4	7846	5,2
Northern Natal and KwaZulu	N 4,6	47,5	43,4	43,4	52,3	52,3	56,6	56,6	56,6	56,6	100	100
Natal Midlands	N 28,1	2432	3,6	1946	3,5	80,0	4643	5,6	4446	6,3	95,9	11225
Southern Natal	N 34,4	34,4	30,4	30,4	65,6	65,6	69,6	69,6	69,6	69,6	100	100
Bloemfontein	N 66,0	1,0	543	1,0	82,3	7086	8,6	6844	9,8	96,6	7746	5,1
Northern Free State	N 8,5	3175	4,6	2786	5,0	87,7	71,9	71,9	77,2	77,2	100	100
Drakensberg	N 97,5	38,5	36,0	1321	2,4	97,4	2536	3,1	2658	3,8	104,8	8237
Southern Free State	N 95,5	1356	2,0	33,2	4,5	61,5	64,0	64,0	64,0	64,0	100	100
Postal code unspecified	N 40,5	34,8	2044	3,7	81,0	120	0,1	60	0,1	50,0	100	100
TOTAL	N 277	0,4	190	0,3	68,6	1054	1,3	851	1,2	80,7	1331	0,9
	N 20,8	18,3	314	0,6	94,6	69	0,1	81,7	0,1	97,1	100	100
	N 82,8	82,4	82,4	0,1	21,2	80	0,1	87	0,1	108,8	100	100
	N 73,9	35,6	48,	100	80,7	82705	100	54,7	55,9	64,4	151162	100
	N 45,3	44,1									125292	100
												82,9
												100

TABLE 7
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN GENERAL HOSPITALS
(a) All racial groups

Occupation	Full-time			Part-time		
	N	%	% of total	N	%	% of* total
Medical specialist	1390	2,6	59,1	1201	26,8	62,2
General medical practitioner + intern + clinical assistant	3057	5,6	61,4	1048	23,4	41,9
Registered nurse (all categories)	16496	30,5	58,2	747	16,7	38,3
Student nurse	11454	21,1	90,5	390	8,7	74,3
Enrolled nurse	5430	10,0	70,5	98	2,2	48,8
Pupil nurse	2576	4,8	76,2	314	7,0	86,0
Nursing assistant	9654	17,8	54,7	415	9,3	27,1
Dentist	66	0,1	6,9	29	0,6	15,8
Dental specialist				5	0,1	9,8
Clinical psychologist + intern	23		13,3	1		2,2
Pharmacist + apprentice pharmacist	509	0,9	17,7	67	1,5	14,3
Physiotherapist + student + masseur	596	1,1	70,4	40	0,9	26,8
Occupational therapist	287	0,5	61,3	6	0,1	11,5
Dietitian + dietitian in training	159	0,3	74,3	3	0,1	37,5
Speech therapist	47	0,1	40,9	2		12,5
Radiographical therapist	270	0,5	90,9	19	0,4	70,4
Diagnostic radiographer	994	1,8	82,6	43	1,0	43,4
Supplementary diagnostic radiographer + student	71	0,1	72,4	4	0,1	80,0
Social worker (all categories)	202	0,4	14,8	10	0,2	5,7
Medical technologist	450	0,8	34,8	6	0,1	18,2
Medical technician	246	0,5	54,9	5	0,1	20,8
Optometrist + Audiologist	12		40,0	19	0,4	50,0
Health inspector	33	0,1	2,0			
Anaesthetist assistant	24		96,0	1		100,0
Bio-engineer	9		100,0			
Dental mechanician	2		1,0	1		2,4
Dental therapist	16		76,2			
Other	86	0,2	46,7			
TOTAL	54159	100	59,9	4474	100	41,9

*% of total - percentage of total number of posts in occupational category

(Continued)

(b) Whites

TABLE 7 (CONTINUED)

Occupation	Full-time posts				Part-time posts				Total		% vacant posts
	Occupied	Vacant	Total	% vacant posts	Occupied	Vacant	Total	% vacant posts	N	%	
Medical specialist	1041	4,1	261	7,1	1302	4,5	1061	34,3	121	45,0	1182
General medical practitioner	1214	4,8	205	5,6	1419	4,9	854	27,6	77	28,6	931
Intern (medical)	411	1,6	46	1,3	457	1,6	10,1	1	0,4	0,1	27,7
Clinical assistant	680	2,7	65	1,8	745	2,6	8,7	8	0,3	0,2	50,0
Bio-engineer	6		2	0,1	8		25,0				753
Registered nurse:											8
(a) General	7238	28,5	841	23,0	8079	27,8	10,4	544	17,6	9	3,3
(b) Maternity	321	1,3	51	1,4	372	1,3	13,7	89	2,9	89	2,6
(c) Psychiatric	57	0,2	10	0,3	67	0,2	14,9	6	0,2	6	0,2
(d) Health	20	0,1									1
Student nurse	6400	25,2	792	21,6	7192	24,8	11,0	58	1,9	4	1,5
Enrolled nurse	938	3,7	148	4,0	1086	3,7	13,6	45	1,5	62	1,8
Pupil nurse	811	3,2	69	1,9	880	3,0	7,8	210	6,8	45	1,3
Enrolled nursing assistant	3073	12,1	684	18,7	3757	12,9	18,2	8	3,0	218	6,5
Nursing assistant (old age home)	165	0,6	17	0,5	182	0,6	9,3	22	0,7	22	0,7
Dentist	50	0,2	5	0,1	55	0,2	9,1	25	0,8	4	1,5
Dental specialist										29	0,9
Clinical psychologist (intern)	3				3		3	0,1	2	0,7	5
Clinical psychologist (intern)	19	0,1			19	0,1			1	0,1	40,0
Pharmacist	34	1,5	30	0,8	404	1,4	7,4	57	1,8	61	1,8
Apprentice pharmacist	36	0,1	6	0,2	42	0,1	14,3	2	0,1	3	0,1
Physiotherapist	293	1,2	46	1,3	339	1,2	13,6	31	1,0	36	1,1
Physiotherapist (student)	124	0,5	61	1,7	185	0,6	33,0	2	0,1	2	0,1
Masseur	1				1					1	0,0
Occupational therapist	113	0,4	32	0,9	145	0,5	22,1	5	0,2	5	0,1
Occupational therapist (student)	94	0,4	33	0,9	127	0,4	26,0	1	0,1	1	0,1
Dietitian in training	82	0,3	24	0,7	106	0,4	22,6	3	0,1	3	0,1
Dietitian	36	0,1	12	0,3	48	0,2	25,0	0,1		0,1	109
Speech therapist	39	0,2	6	0,2	45	0,2	13,3	2	0,1	2	0,1
Dental therapist	3				3		0,0			3	0,0
Radiographical therapist	134	0,5	15	0,4	149	0,5	10,1	3	0,1	3	0,1
Radiographical therapist (student)	58	0,2	3	0,1	61	0,2	4,9			70	0,2
Diagnostic radiographer	357	1,4	46	1,3	403	1,4	11,4	24	0,8	38	1,1
Diagnostic radiographer (student)	364	1,4	35	1,0	399	1,4	8,8	3	0,1	441	1,4
Supplementary diagnostic radio-grapher	34	0,1	2	0,1	36	0,1	5,6	2	0,1	402	1,2
Supplementary diagnostic radio-grapher (student)	8	0,2	2	0,1	45	0,2	4,4	2	0,7	50,0	0,1
Medical social worker	43	0,2								40	0,1

(Continued)

TABLE 7 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total N %	% part- time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
Social worker (general)	110	0,4	8	0,2	118	0,4	6,8	9	0,3	9	0,3	127	0,4	7,1		
Medical technologist	360	1,4	32	0,9	392	1,3	8,2	3	0,1	3	0,1	395	1,2	0,8		
Blood transfusion technician	3				3							3				
Sito technician	61	0,2	2	0,1	63	0,2	3,2	2	0,1	2	0,1	65	0,2	3,1		
EEG technician	25	0,1	4	0,1	29	0,1	13,8	1				29	0,1			
Orthopaedic orthotist	63	0,2	50	1,4	113	0,4	44,2	8	0,3	1	0,4	114	0,4	0,9		
Optometrist	4		3	0,1	7		42,9	7	0,4	15	0,4	22	0,1	68,2		
Audiometrist	2		1	0,0	3		33,3	3	0,1	4	0,1	7		57,1		
Orthoptist	5		2	0,1	5		2,0	1	0,1	2	0,1	24	0,1	28,6		
Anaesthetist assistant	21	0,1	2	0,1	23	0,1	8,7	1				2		4,2		
Dental mechanician	23	0,1	9	0,2	23	0,1	23	0,1				23	0,1			
Health inspector	77	0,3	86	0,3	10,5							86	0,3			
Other																
TOTAL	N	25396	100	3660	100	29056	100	12,6	3092	100	269	100	32417	100		
		%	78,3	11,3	89,6		9,5	0,8	9,5	0,8	10,4	10,4				

(c) Coloureds

Occupation	Full-time posts						Part-time posts						Total N %	% part- time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
Medical specialist	6	0,1	4	2,3	102	1,9	3,9	9	6,9	9	6,9	111	0,1			
General medical practitioner	98	1,9			5	0,1	100,0					112	2,0			
Intern (medical)	5	0,1	1	0,6	5	0,1	100,0					5	0,1			
Clinical assistant																
Bio-engineer																
Registered nurse:																
(a) General																
Maternity	1401	27,3	74	41,8	1475	27,8	5,0	1	0,8	1	0,8	1476	27,1			
Health	18	0,4	3	1,7	37	0,7	8,1					37	0,7			
(c) Student nurse	922	17,9	52	29,4	974	18,3	5,3					18	0,3			
Enrolled nurse	754	14,7	18	10,2	772	14,5	2,3	12	9,2	12	9,2	974	17,9			
Pupil nurse	224	4,4	1	0,6	225	4,2	0,4					784	14,4	1,5		
Enrolled nursing assistant	1556	30,3	17	9,6	1573	29,6	1,1	106	81,5	106	81,5	1679	30,8	6,3		
Nursing assistant (old age home)	18	0,4	2	1,1	20	0,4	10,0	2	1,5	2	1,5	20	0,4			
Pharmacist	8	0,2			8	0,2						10	0,2	20,0		
Apprentice pharmacist	2		4	2,3	2		36,4					2				
Physiotherapist	7	0,1	1	0,2	11	0,2						11	0,2			
Speech therapist	1		1		1							1				
Radiographic therapist (student)	25	0,5	1	0,6	26	0,5	3,8					26	0,5			
Diagnostic radiographer (student)	15	0,3	15	0,3	15	0,3						15	0,3			
Diagnostic radiographer	8	0,2	8	0,2	8	0,2						8	0,1			
Social worker	29	0,6	29	0,5	29	0,5						29	0,5			
Medical technologist	1		1		1							1				
Sito technician	2		177	100	5315	100	3,3	130	100	130	100	5445	100	2,4		
Anaesthetist assistant												1				
EEG technician												2				
TOTAL	N	5138	100	177	100	5315	100	3,3	130	100	130	100	5445	100		
		%	94,4	3,3	97,6		2,4					2,4				

(Continued)

(d) Asians

TABLE 7 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total	% part-time posts
	Occupied N	Occupied %	Vacant N	Vacant %	Total N	Total %	Occupied N	Occupied %	Vacant N	Vacant %	Total N	Total %		
Medical specialist	75	7,4			75	7,2			18	17,5			93	8,2
General medical practitioner	137	13,6	9	31,0	146	14,1	6,2		82	79,6			228	20,0
Intern (medical)	72	7,1			72	6,9							72	6,3
Clinical assistant	12	1,2			12	1,2							12	1,1
Registered nurse:														
(a) General	167	16,6	15	51,7	182	17,6	8,2						182	16,0
(b) Maternity	39	3,9	1	3,4	40	3,9							40	3,5
Student nurse	120	11,9			120	11,6							120	10,5
Enrolled nurse	91	9,0			91	8,8							91	8,0
Pupil nurse	17	1,7			17	1,6							17	1,5
Enrolled nursing assistant	96	9,5			96	9,3							96	8,4
Nursing assistant (old age home)	5	0,5			5	0,5							6	0,5
Dentist	10	1,0			10	1,0							10	0,9
Pharmacist	19	1,9			19	1,8							19	1,7
Apprentice pharmacist	14	1,4			14	1,4							14	1,2
Physiotherapist	12	1,2			3	10,3	15	1,4	20,0	1	1,0		16	1,4
Speech therapist	1	0,1					1	0,1					1	0,1
Radiographical therapist (student)	17	1,7					17	1,6					17	1,5
Diagnostic radiographer	69	6,8			69	6,7							69	6,1
Diagnostic radiographer (student)	20	2,0					20	1,9					20	1,8
Social worker	4	0,4	1	3,4	5	0,5	20,0						5	0,4
Medical technologist	8	0,8					8	0,8					8	0,7
EEG technician	1	0,1			1	0,1							1	0,1
Optometrist	1	0,1			1	0,1							1	0,1
Audiometrist														
TOTAL	N	1008	100	29	100	.1037	100	2,8	102	100	9,0	1139	100	9,0
	%	88,5		2,5		.91,0						100		

(Continued)

(e) Blacks

TABLE 7 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total		% part-time posts		
	Occupied		Vacant		Total		% Va= vacant posts		Occupied		Vacant						
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Medical specialist	7	0,0	42	2,9	7	0,0	56,0	11	0,1	1	0,1	16	0,1	31,3	8	0,0	12,5
General medical practitioner	33	0,2	4	0,3	75	0,4	56,0	18,2	0,1	11	1,3	16	1,8	91	22	0,5	17,6
Intern (medical)	18	0,1	4	0,3	22	0,1	0,0	0,0	0,0	30	3,6	31	3,2	5709	29,1	0,5	12,5
Registered nurse:																	
(a) General	5245	30,3	433	29,7	5678	30,3	7,6	12,5	0,5	30	3,6	31	3,5	483	2,5	0,8	12,5
(b) Maternity	419	2,4	60	4,1	479	2,6	0,1	12	0,1	12	0,2	4	0,5	12	0,1	0,1	0,8
(c) Psychiatric	12	0,1															
(d) Health	33	0,2	4	0,3	37	0,2	10,8	37	0,2	60	7,1	14	2,8	61	6,9	1,6	62,2
Student nurse	2799	16,2	369	25,3	3168	16,9	11,6	376	44,5	14	38,9	390	44,3	3,6	3558	18,1	11,0
Enrolled nurse	3381	19,6	100	6,9	3481	18,6	2,9	24	2,8	24	2,7	269	30,6	2,2	17,9	0,7	11,0
Pupil nurse	1314	7,6	140	9,6	1454	7,8	9,6	263	31,2	6	16,7	68	7,7	1723	8,8	15,6	15,6
Enrolled nursing assistant	3744	21,6	208	14,3	3952	21,1	5,3	68	8,1	68	7,7	4020	20,5	2,2	20,5	1,7	1,7
Nursing assistant (old age home)	54	0,3	15	1,0	69	0,4	21,7										
Dentist	1	0,0															
Clinical psychologist																	
Pharmacist	2	0,0	12	0,8	14	0,1	100,0										
Apprentice pharmacist	4	0,0	2	0,1	6	0,0	85,7										
Physiotherapist (student)	32	0,2	9	0,6	41	0,2	22,0										
Occupational therapist (student)	3	0,0	1	0,1	4	0,0	25,0										
Occupational therapist (student)	5	0,0	6	0,4	11	0,1	54,5										
Dietitian	4	0,0															
Dietitian in training	2	0,0	1	0,1	3	0,0	33,3										
Dental therapist	12	0,1	1	0,1	13	0,1	7,7										
Radio graphical therapist (student)	19	0,1	2	0,1	21	0,1	9,5										
Diagnostic radiographer (student)	15	0,1	6	0,4	21	0,1	28,6										
Diagnostic radiographer (student)	39	0,2	14	1,0	53	0,3	26,4										
Supplementary diagnostic radiographer	5	0,0	4	0,3	9	0,0	44,4										
Supplementary diagnostic radiographer (student)	12	0,1	2	0,1	14	0,1	14,3										
Social worker	13	0,1															
Medical social worker	4	0,0															
Medical technician	20	0,0	2	1,0	22	0,1	9,1										
Blood transfusion technician	7	0,0	14	1,0	1	0,0	66,7										
Silo technician	1	0,0	1	0,1	7	0,0	14,3										
EEG technician	6	0,0	1	0,1	3	0,0	33,3										
Orthopaedic orthotist	16	0,1	2	0,1	18	0,1	11,1										
Dental mechanician																	
Health inspector	9	0,1	1	0,1	10	0,1	10,0										
TOTAL	N	17294	100	1457	100	18751	100	7,8	844	100	36	100	4,1	19631	100	4,5	
	%	88,1	7,4	95,5				4,3	4,3	0,2	0,5		4,5		100		

TABLE 8
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN OTHER HOSPITALS*

(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of total	N	%	% of total
Medical specialist	202	2,2	8,6	165	21,0	8,5
General medical practitioner + intern + clinical assistant	229	2,5	4,6	85	10,8	3,4
Registered nurse (all categories)	3847	41,7	13,6	172	21,9	8,8
Student nurse	341	3,7	2,7	44	5,6	8,4
Enrolled nurse	639	6,9	8,3	30	3,8	14,9
Pupil nurse	218	2,4	6,5	39	5,0	10,7
Nursing assistant	3334	36,2	18,9	158	20,1	10,3
Dentist	45	0,5	4,7	28	3,6	15,3
Dental specialist	1		1,5	5	0,6	9,8
Clinical psychologist	117	1,3	67,6	10	1,3	22,2
Industrial psychologist	1		50,0			
Pharmacist + apprentice pharmacist	43	0,5	1,5	7	0,9	1,5
Physiotherapist + remedial gymnast	31	0,3	3,7	8	1,0	5,4
Occupational therapist	58	0,6	12,4	14	1,8	26,9
Dietitian	2		0,9	1	0,1	12,5
Speech therapist	3		2,6	1	0,1	6,3
Radiographical therapist	2		0,7	1	0,1	3,7
Diagnostic radiographer + student	32	0,3	2,7	2	0,3	2,0
Supplementary diagnostic radiographer + student	11	0,1	11,2	1	0,1	20,0
Social worker (all categories)	36	0,4	2,6	3	0,4	1,7
Medical technologist	3		0,2			
Medical technician	17	0,2	3,8	1	0,1	4,2
Oral hygienist	1		1,5	4	0,5	12,5
Health inspector	7	0,1	0,4	6	0,8	6,3
Audiometrist	1		3,3	1	0,1	2,6
Veterinary surgeon				1	0,1	14,3
TOTAL	9221	100	10,2	787	100	7,4

*Other hospitals include maternity hospitals, psychiatric hospitals, hospitals for infectious diseases, special hospitals, day hospitals and separate theatre units

(Continued)

(b) Whites in psychiatric hospitals

TABLE 8 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts	N	%		
	N	%	N	%	N	%	N	%	N	%	N	%					
Medical specialist	29	1,6	16	3,6	45	1,9	35,6	2	2,1	1	2,4	3	2,2	33,3	48	2,0	6,3
General medical practitioner	20	1,1	3	0,7	23	1,0	13,0	17	17,5	17	12,3	40	1,6	76	3,1	42,5	
Clinical assistant	66	3,6	7	1,6	73	3,17	9,6	3	3,1	3	2,2	76	3,1	3,9			
Registered nurse:																	
(a) General	71	3,8	32	7,2	103	4,4	31,1	6	6,2	1	0,7	6	4,3	109	4,5	5,5	
(b) Maternity	44	2,4			865	1,9	37,59	20,6	18	18,6	3	7,3	21	15,2	45	1,8	2,2
(c) Psychiatric	687	37,0	178	40,0	18	0,7	11,1	11,1	11,1	11,1	14,3	886	36,3	2,4			
(d) Health	16	0,9	2	0,4	18	0,7	74,4	38,0	28,1	28,1	28	68,3	39	28,3	71,8	18	0,7
Student nurse	22	1,2	64	14,4	86	3,7	11,3	11,3	11,3	11,3	11	8,0	86	3,5			
Enrolled nurse	57	3,1	35	7,9	92	4,0	38,0	28,1	28,1	28,1	103	4,2	103	4,2	10,7		
Pupil nurse	46	2,5	18	4,0	64	2,76	29,47	7,4	6	6,2	6	4,3	684	28,0	37,9		
Enrolled nursing assistant	628	33,8	50	11,2	678	11,2	29,47	7,4	7,4	7,4	7,4	7,4	7,4	7,4	7,4	0,9	
Dentist																	
Clinical psychologist	44	2,4	6	1,3	50	2,17	12,0	5	5,2	1	0,7	1	0,7	1	0,0	100	
Clinical psychologist (intern)	46	2,5	10	2,2	56	2,43	17,9	1	1,0	3	7,3	5	3,6	55	2,3	9,1	
Pharmacist	16	0,9	3	0,7	19	0,8	15,8	3	3,1	1	2,4	3	2,2	75,0	60	2,5	
Physiotherapist	5	0,3	3	0,7	8	0,3	37,5	2	2,1	1	2,4	3	2,2	33,3	22	0,9	
Remedial gymnast	2	0,1	15	3,4	50	2,17	30,0	6	6,2	4	9,8	10	7,2	40,0	60	2,5	
Occupational therapist	35	1,9	1	0,2	3	0,1	33,3	1	1,0	1	0,7	1	0,7	1	0,1	16,7	
Speech therapist	2	0,1															
Radiographical therapist																	
Psychiatric social worker	15	0,8			15	0,6											
Social worker	1	0,1			1	0,0											
Medical technologist	1	0,1	1	0,2	2	0,0	50,0	1	1,0	1	0,7	1	0,7	1	0,0		
EEG technician	1	0,1	1	0,2	3	0,1	33,3	2	2,1	1	2,4	3	2,2	33,3	3	0,1	
Health inspector	2	0,1	1	0,2												33,3	
Food inspector																100	
TOTAL	N	1856	100	445	100	2301	100	19,3	97	100	41	100	138	29,7	2439	100	
	%	76,1		18,2		94,3		4,0	4,0		1,7		5,7				5,7

(Continued)

(c) Coloureds in psychiatric hospitals

TABLE 8 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total		% part-time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts	N	%		
	N	%	N	%	N	%	N	%	N	%	N	%					
Clinical assistant Registered nurse:	2	0,4			2	0,3								2	0,3		
(a) General	57	10,2	5	14,7	62	10,4	8,1							62	10,4		
(b) Maternity	46	8,2			46	7,7								46	7,7		
(c) Psychiatric	71	12,7	10	29,4	81	13,6	12,3							81	13,6		
(d) Health	2	0,4			2	0,3								2	0,3		
Pupil nurse	5	0,9	15	44,1	20	3,4	75,0							20	3,4		
Enrolled nursing assistant	372	66,4	3	8,8	375	63,1	0,8							375	63,1		
Clinical psychologist (intern)	1	0,2	1	2,9	1	0,2	100,0							1	0,2		
Clinical psych social worker	4	0,7			1	0,2								1	0,2		
					4	0,7								4	0,7		
TOTAL	N	560	100	34	100	594	100	5,8						594	100		
	%	94,3		5,7		100,0								100			
(d) Asians in psychiatric hospitals																	
Medical specialist																	
General medical practitioner	6	5,9	3	11,5	3	2,3	100,0	2	66,7		2	100,0	4	80,0	50,0	3	2,3
Clinical assistant									1	33,3			1	20,0		4	3,0
Psychiatric nurse (registered)	50	49,0	16	61,5	66	51,6	24,2							66	49,6		
Enrolled nurse	43	42,2	7	26,9	50	39,1	14,0							50	37,6		
Clinical psychologist (intern)	1	1,0			1	0,8								1	0,8		
Clinical psychologist	2	2,0			2	1,6								2	1,5		
TOTAL	N	102	100	26	100	123	100	3	100	2,3	1,5	100	5	100	40,0	133	100
	%	76,7		19,5		92,5		21,1						3,8			
(e) Blacks in psychiatric hospitals																	
Clinical assistant																	
Registered nurse:	1	0,1	1	0,7	2	0,2	50,0										
(a) General	38	3,3	4	2,7	42	3,2	9,5							42	2,9		
(b) Maternity	23	2,0			23	1,8								23	1,6		
(c) Psychiatric	333	28,6	80	53,7	413	31,5	19,4	18	14,1					431	29,9	4,2	
(d) Health	4	0,3			4	2,7	4							4	0,3		
Student nurse	1	0,1			4	2,7	5							5	0,3		
Enrolled nurse	46	4,0	17	11,4	63	4,8	80,0							63	4,4		
Pupil nurse			2	1,3	2	1,3	57,2	57,2	5,1	109	85,2			2	0,1		
Enrolled nursing assistant	713	61,3	38	25,5	751	57,2	2							860	59,6	12,7	
Clinical psychologist	2	0,2												2	0,1		

(Continued)

TABLE 8 (CONTINUED)

Occupation	Full-time posts						Part-time posts						
	Occupied		Vacant		Total		Occupied		Vacant		Total		
	N	%	N	%	N	%	N	%	N	%	N	%	
Clinical psychologist (intern)	2	0,2	3	2,0	2	0,2	100,0	1	0,8	2	100,0	3	2,3
Occupational therapist	1	0,1			1	0,1					66,7	6	0,4
Psychiatric social worker											1	0,1	50,0
TOTAL	N	1164	100	149	100	1313	100	11,3	128	100	2	100	1,5
(f) Whites in maternity hospitals											1443	100	9,0
Medical specialist		11	2,2			11	2,2				11	2,1	
General medical practitioner		1	0,2			1	0,2				2	0,4	
Intern (medical)											3	0,6	
Clinical assistant											2	0,4	
Registered nurse:											100	66,7	
(a) General		140	28,4	3	50,0	143	28,7	2,1	1,1	10	37,0	10	6,5
(b) Maternity		91	18,5	1	16,7	92	18,4	4	0,8	10	37,0	102	19,4
(c) Health		4	0,8			152	30,8	152	30,5	152	30,8	152	28,9
Student nurse		152	30,8			17	3,4					17	3,2
Enrolled nursing assistant		17	3,4	2	33,3	74	15,0	2	33,3	76	15,2	77	14,6
Diagnostic radiographer		74	15,0	0,2		71	15,0	1	0,2	71	15,2	71	14,2
Supplementary diagnostic radiographer		1	0,2			1	0,2			1	0,2	1	0,2
Social worker		1	0,2									1	0,2
TOTAL	N	493	100	6	100	499	100	1,2	27	100	27	100	5,1
(g) Whites in hospitals for infectious diseases											526	100	5,1
Medical specialist											5,1		
General medical practitioner		11	13,4	2	9,5	13	12,6	4	12,5	25	78,1	4	3,0
Registered nurse (general)		49	59,8	4	19,0	53	51,5	7,5	25	78,1		38	28,1
Psychiatric nurse		1	1,2			1	1,0					53	39,3
Enrolled nursing assistant		2	2,4	4	19,0	6	5,8	66,7				1	0,7
Clinical psychologist		10	12,2	8	38,1	18	17,5	44,4	1	3,1		6	4,4
Clinical psychologist (intern)		1	1,2			1	1,0					18	13,3
Diagnostic radiographer (student)		4	4,9			4	3,9					1	0,7
Diagnostic radiographer		1	1,2			1	1,0					4	3,0
Pharmacist		3	3,7			3	2,9					1	0,7
Physiotherapist		1	4,8	1	1,0	100	100,0	1	3,1			2	1,5
Occupational therapist		2	9,5	2	1,9	100	100,0	1	3,1			2	1,5
TOTAL	N	82	100	21	100	103	100	20,3	32	100	32	100	23,7

(Continued)

(h) Whites in other special hospitals

TABLE 8 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		va= vacant posts				
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Medical specialist	19	2,0			19	2,0			39	24,4	1 100,0	40	24,8	2,5	59	5,3	
General medical practitioner	60	6,3	1	7,7	61	6,3	1,6		7	4,4		7	4,4		68	6,1	
Registered nurse:																67,8	
(a) General	520	54,9	5	38,5	525	54,6	1,0		32	20,0		32	20,0		557	49,6	
(b) Psychiatric	1	0,1			1	0,1			1	0,6		1	0,6		2	0,2	
Student nurse	8	0,8	1	1,7	9	0,9									9	0,8	
Enrolled nurse	52	5,5	1	1,7	53	5,5			19	11,9		19	11,9		72	6,4	
Enrolled nursing assistant	192	20,3	4	30,8	196	20,4	2,0		41	25,6		41	25,6		237	21,1	
Nursing assistant (old age home)	14	1,5			14	1,5									14	1,2	
Dentist																	
Pharmacist	11	1,2			11	1,1			5	3,1		5	3,1		5	0,4	
Apprentice pharmacist	5	0,5			5	0,5			3	1,9		3	1,9		14	1,2	
Physiotherapist	14	1,5			14	1,5			2	1,3		2	1,3		5	0,4	
Physiotherapist (student)															16	1,4	
Occupational therapist (student)	3	0,3			3	0,3			1	0,6		1	0,6		1	0,4	
Occupational therapist (student)	2	0,2			2	0,2			1	0,6		1	0,6		1	0,4	
Dietitian															1	0,1	
Speech therapist															3	0,3	
Radiographic therapist	2	0,2			2	0,2									1	0,1	
Diagnostic radiographer	18	1,9			18	1,9			1	0,6		1	0,6		19	1,7	
Supplementary diagnostic radio=grapher	5	0,5			5	0,5			5	0,5		5	0,5		5	0,4	
Social worker	5	0,5			5	0,5			3	1,9		3	1,9		3	0,3	
Medical technologist	1	0,1			1	0,1									1	0,1	
Sito technician	9	1,0	1	7,7	10	1,0	10,0								10	0,9	
EEG technician	3	0,3			3	0,3									3	0,3	
Orthopaedic orthotist	2	0,2			2	0,2									2	0,2	
Audionetrician	1	0,1			1	0,1			1	0,6		1	0,6		1	0,1	
Air pollution inspector	1	0,1			1	0,1			1	0,6		1	0,6		1	0,1	
Health inspector															1	0,1	
Veterinary surgeon															1	0,1	
TOTAL	N	948	100	13	100	961	100	1,4	160	100	1	100	0,6	1122	100	14,3	
	%	84,5		1,2		85,7			14,3		0,1		14,3		100		

(Continued)

(i) Coloureds in maternity hospitals, hospitals for infectious diseases and other special hospitals

Occupation	Full-time posts						Part-time posts						Total	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts	% part-time posts
	N	%	N	%	N	%	N	%	N	%	N	N	%	
Medical specialist	1	0,2			1	0,2						1	0,2	
General medical practitioner	3	0,5			3	0,5						10	1,6	
Intern (medical)	1	0,2			1	0,2						1	0,2	
Registered nurse:														
(a) General	141	23,3	2	8,3	143	22,7	1,4	2 100,0	7	77,8		145	22,7	1,4
(b) Maternity	4	0,7												
(c) Health	136	22,4												
Enrolled nurse	41	6,8	3	12,5	44	7,0	6,8							
Pupil nurse	21	3,5			21	3,3								
Enrolled nursing assistant	256	42,2	18	75,0	274	43,5	5,6							
Physiotherapist	1	0,2	1	4,2	2	0,3	50,0							
Diagnostic radiographer	1	0,2			1	0,2								
TOTAL	N	606	100	24	100	630	100	3,8	0,3	100	1,7	100	1,9	1,4
	%	94,8		3,8		98,6								

(j) Asians in maternity hospitals,
hospitals for infectious diseases
and other special hospitals

Occupation	Full-time posts						Part-time posts						Total	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts	% part-time posts
	N	%	N	%	N	%	N	%	N	%	N	N	%	
Medical specialist	1	1,7			1	1,6								
General medical practitioner	13	22,4	4	66,7	17	26,6	23,5							
Intern (medical)	1	1,7			1	1,6								
Registered nurse (general)	12	20,7			12	18,8								
Enrolled nursing assistant	18	31,0			18	28,1								
Dentist	11	19,0	2	33,3	13	20,3	15,4							
Diagnostic radiographer	2	3,4			2	3,1								
TOTAL	N	58	100	6	100	64	100	9,4			1	100	1,5	1,5
	%	89,2		9,2		98,5								

(Continued)

(k) Blacks in maternity hospitals, hospitals for infectious diseases and other special hospitals

TABLE 8 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total N	% part- time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
General medical practitioner	1	1,1	1	0,1	100	0	4	6,0			4	5,9	5	0,3		
Registered nurse:														80,0		
(a) General	634	35,7	31	35,6	665	35,7	4,7	8	11,9	11	16,2	44	64,7	673	34,8	
(b) Maternity	28	1,6			28	1,5								39	2,0	
(c) Psychiatric	2	0,1			2	0,1								2	0,1	
(d) Health nurse	2	0,1			2	0,1	16,9							2	0,1	
Student nurse	74	4,2	15	17,2	89	4,8								133	6,9	
Enrolled nurse	211	11,9	8	9,2	219	11,7	3,7							219	11,3	
Pupil nurse	98	5,5	13	14,9	111	6,0	11,7							111	5,7	
Enrolled nursing assistant	664	37,4	12	13,8	676	36,3	1,8							676	35,0	
Nursing assistant (old age home)	54	3,0	2	2,3	56	3,0	3,6							56	2,9	
Physiotherapist	1	0,1	1	1,1	2	0,1	50,0							2	0,1	
Diagnostic radiographer	3	0,2	1	1,1	4	0,2	25,0							4	0,2	
Supplementary diagnostic radiographer	1	0,1			1	0,1	100,0							1	0,1	
Psychiatric social worker	2	0,1	1	1,1	1	0,1	100,0							3	0,2	
Social worker	1	0,1	1	1,1	1	0,1	33,3							1	0,1	
Medical technologist	2	0,1			3	0,2	33,3							3	0,2	
Health inspector																
TOTAL	N	1777	100	87	100	1864	100	4,7	67	100	1	100	68	100	1,5	
	%	92,0		4,5		96,5			3,5		0,1		3,5		3,5	

(Continued)

(1) Whites in day hospitals and separate theatre units

TABLE 8 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts	N	%		
	N	%	N	%	N	%	N	%	N	%	N	%		N	%		
Medical specialist	122	16,2			122	16,0			118	57,6				240	24,5	49,2	
General medical practitioner	24	3,2	1	7,7	25	3,3	4,0	10	4,9		110	4,6		35	3,3	28,6	
Registered nurse:																	
(a) General	256	34,1	1	7,7	257	36,6	0,4	51	24,9		51	23,6		308	31,4	16,6	
(b) Psychiatric	10	1,3			10	1,3								10	1,0		
Enrolled nurse	145	19,3			145	13,5			1	0,5				145	14,8		
Enrolled nursing assistant	103	13,7			103	13,5			18	8,8				104	10,6	1,0	
Nursing assistant (old age home)	49	6,5			49	6,4			4	36,4				49	5,0		
Dentist	24	3,2	8	61,5	32	4,2	25,0	5	2,4		22	10,2	5	54	5,5	40,7	
Dental specialist			1	7,7	1	0,1	100,0							6	0,6	83,3	
Counselling psychologist	1	0,1			1	0,1			1	9,1				1	0,1		
Pharmacist	5	0,7			5	0,7								5	0,5		
Physiotherapist	2	0,3			2	0,3			1	0,5				2	0,2		
Physiotherapist (student)														1	0,1	100,0	
Diagnostic radiographer	1	0,1			1	0,1								2	0,2		
Supplementary diagnostic radio=	2	0,3	1	7,7	3	0,4	33,3							3	0,3		
grapher																	
Supplementary diagnostic radio=	1	0,1	1	7,7	1	0,1			20,0								
grapher (student)																	
Social worker	4	0,5			5	0,7											
Oral hygienist	1	0,1			1	0,1			1	0,5							
Health inspector																	
Industrial psychologist	1	0,1			1	0,1			4	36,4							
									2	18,2							
TOTAL	N	751	100	13	100	764	100	1,7	205	100	11	100	5,1	980	100	22,0	
	%	76,6		1,3	78,0		20,9				1,1			100			

TABLE 9
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN DUAL INSTITUTIONS

(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of posts	N	%	% of posts
Medical specialist	31	0,3	1,3	87	6,7	4,5
General medical practitioner + intern + clinical assistant	256	2,6	5,1	197	15,2	7,9
Registered nurse	3857	38,8	13,6	382	29,4	19,6
Student nurse	828	8,3	6,5	67	5,2	12,8
Enrolled nurse	1150	11,6	14,9	41	3,2	20,4
Pupil nurse	508	5,1	15,0	5	0,4	1,4
Nursing assistant	2773	27,9	15,7	362	27,8	23,6
Dentist	36	0,4	3,8	29	2,2	15,8
Dental specialist	10	0,1	15,2	28	2,2	54,9
Clinical psychologist + intern	23	0,2	13,3	9	0,7	20
Counselling psychologist + intern	4		5,3	2	0,2	28,5
Educational psychologist	3		2,0			
Pharmacist + apprentice pharmacist	57	0,6	2,0	12	0,9	2,6
Physiotherapist + masseur	1		0,1	12	0,9	8,1
Occupational therapist + student	22	0,2	4,7	8	0,6	15,4
Dietitian + dietitian in training	14	0,1	6,5	1	0,1	12,5
Speech therapist	1		0,9			
Dental therapist	4		19,0	2	0,2	66,7
Radiographical therapist + student	10	0,1	3,4	4	0,3	14,8
Diagnostic radiographer + student	32	0,3	2,7	14	1,1	14,1
Supplementary diagnostic radiographer + student	13	0,1	13,3			
Social worker	91	0,9	6,7	26	2,0	14,9
Medical technologist	9	0,1	0,7	5	0,4	15,2
Medical technician	6	0,1	1,3	3	0,2	12,5
Health inspector	180	1,8	11,1	1	0,1	1,0
Veterinary surgeon	2		9,1			
Dental mechanician	11	0,1	5,3	1	0,1	2,4
Audiometrician + optometrist				2	0,2	5,3
TOTAL	9932	100	11,0	1300	100	12,2

(Continued)

(b) Whites

TABLE 9 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts		N	%	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Medical specialist	26	0,8	4	1,5	30	0,8	13,3	76	9,8	11	23,9	87	10,6	12,6	117	2,7	
General medical practitioner	193	5,9	29	10,7	222	6,3	13,1	163	21,0	5	10,9	168	20,5	3,0	390	9,0	
Intern (medical)	4	0,1	1	0,4	4	0,1	25,0							4	0,1	43,1	
Clinical assistant	3	0,1															
Registered nurse:																	
(a) General	1161	35,6	95	34,9	1256	35,6	7,6	212	27,4	12	26,1	224	27,3	5,4	1480	34,0	
(b) Maternity	167	5,1	11	4,0	178	5,0	6,2	39	5,0	1	2,2	40	4,9	2,5	218	5,0	
(c) Psychiatric	37	1,1	1	0,4	38	1,1	2,6	1	0,1			1	0,1		39	0,9	
(d) Health nurse	67	2,1	7	2,6	74	2,1	9,5	2	0,3			2	0,2		76	1,7	
Student nurse	395	12,1	21	7,7	416	11,8	5,0	10	1,3			10	1,2		426	9,8	
Enrolled nurse	129	4,0	24	8,8	153	4,3	15,7	27	3,5	2	4,3	29	3,5	6,9	182	4,2	
Pupil nurse	63	1,9	5	1,8	68	1,9	7,4	5	0,6			5	0,6		73	1,7	
Enrolled nursing assistant	617	18,9	31	11,4	648	18,3	4,8	90	11,6	9	19,6	99	12,1	9,1	747	17,2	
Nursing assistant (old age home)	22	0,7	5	1,8	27	0,8	18,5	6	0,8			6	0,7		33	0,8	
Dentist	32	1,0	2	0,7	34	1,0	5,9	29	3,7			29	3,5		63	1,4	
Dental specialist	10	0,3										28	3,6		38	0,9	
Clinical psychologist intern	16	0,5	1	0,4	17	0,5	5,9	5	0,6			5	0,6		22	0,5	
Counselling psychologist (intern)	2	0,1	1	0,4	2	0,1						2	0,2		2		
Educational psychologist	3	0,1										2	0,3		3	0,1	
Pharmacist	41	1,3	1	0,4	42	1,2	2,4	12	1,5			12	1,5		54	1,2	
Apprentice pharmacist	3	0,1										2	0,2		4	0,1	
Physiotherapist															50,0		
Masseur															12	0,3	
Occupational therapist (student)	1	0,2	7	2,6	1	0,4	46,7	7	0,9	1	2,2	8	1,0	12,5	1	100,0	
Dietitian	6	0,2	1	0,4	7	0,2	0,1	14,3							23	0,5	
Dietitian in training	2	0,1													7	0,2	
Speech therapist	1														2		
Dental therapist															1		
Radiographical therapist	1		4	1,5	5	0,1	80,0	2	0,3			2	0,2		2	100,0	
Radiographical therapist (student)	17	0,5	4	1,5	21	0,6	19,0	11	1,1	1	0,1	1	0,4	3	8	37,5	
Diagnostic radiographer	1		1	0,4	9	0,3						1	0,1		1	100,0	
Diagnostic radiographer (student)	8	0,2										3	0,1		35	0,8	
Supplementary diagnostic radiographer (student)	1	0,1	1	0,4	1	0,1						1	0,1		1	40,0	
Psychiatric social worker	2	0,1	1	0,4	63	1,8	1,6	23	3,0						2		
Social worker (general)	62	1,9										23	2,8		86	2,0	

(Continued)

TABLE 9 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total N	% va= cant posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Medical technologist	4	0,1	1	0,4	5	0,1	20,0	4	0,5	1	2,2	5	0,6	20,0	10	0,2
Blood transfusion technician	3	0,1			3	0,1			1	2,2	1	0,1	100,0	1	100,0	
Sito technician	3	0,1			3	0,1			1	0,1	1	0,1		3	0,1	
EEG technician	3	0,1							1	0,1	1	0,1		3	0,1	
Orthopaedic orthotist									1	0,1	1	0,1		1	100,0	
Optometrist									1	0,1	1	0,1		1	100,0	
Audiometrician									1	0,1	1	0,1		1	100,0	
Dental mechanician									1	0,1	1	0,1		1	100,0	
Health inspector	11	0,3	13	4,8	11	0,3			1	0,1	1	0,1		12	0,3	
Food inspector	96	2,9	1	0,4	109	3,1	11,9	1	0,1	1	0,1	1	0,1	110	2,5	
Air pollution inspector	28	0,9			29	0,8	3,5					29	0,7		8,3	
Veterinary surgeon	6	0,2			6	0,2						6	0,1		0,9	
TOTAL	N	3260	100	272	100	3532	100	7,7	775	100	46	100	821	100	5,6	
	%	74,9		6,2		81,1		17,8		1,1		18,9		100	18,9	
(c) Coloureds																
General medical practitioner		3	0,4		3	0,4			2	2,0		2	1,7		5	0,5
Registered nurse:									11	10,8		24	20,7		155	40,0
(a) General	124	16,1	7	9,1	131	15,5	5,3	10	9,8		10	8,6	54,2	15,5	15,5	
(b) Maternity	3	0,4			3	0,4	20,0							13	1,3	
(c) Psychiatric	20	2,6	5	6,5	25	3,0	25,0							25	2,6	
(d) Health nurse	6	0,8	2	2,6	8	0,9								8	0,8	
Student nurse	4	0,5			4	0,5								4	0,4	
Enrolled nurse	116	15,1	35	45,5	151	17,8	23,2	4	3,9		4	3,4		155	16,1	
Pupil nurse	74	9,6			74	8,7								74	2,6	
Enrolled nursing assistant	410	53,2	26	33,8	436	51,5	6,0	58	56,9		58	50,0		494	11,7	
Nursing assistant (old age home)	6	0,8			6	0,7	17	16,7			17	14,7		23	2,4	
Health inspector	4	0,5	2	2,6	6	0,7	33,3				1	7,1	1	0,9	6	
Social worker													100,0	1	0,1	
TOTAL	N	770	100	77	100	847	100	9,1	102	100	14	100	116	100	12,1	
	%	80,0		8,0		88,0		10,6		1,5		12,0		963	12,0	

(Continued)

(d) Asians

TABLE 9 (CONTINUED)

Occupation	Full-time posts				Part-time posts				Total				% vacant posts
	Occupied N	N %	Vacant N	Total N	% vacant posts	Occupied N	Vacant N	Total N	% vacant posts	N	%		
Medical specialist	1	0,3		1	0,3							1	0,3
General medical practitioner	5	1,5		5	1,4							23	6,3
Intern (medical)	1	0,3		1	0,3							1	0,3
Clinical assistant	4	1,2		4	1,2							4	1,1
Registered nurse:													
(a) General	67	19,7	1	20,0	68	19,7	1,5					68	18,5
(b) Maternity	3	0,9			3	0,9						3	0,8
(c) Psychiatric	1	0,3			1	0,3						1	0,3
(d) Health nurse	1	0,3			1	0,3						1	0,3
Student nurse	56	16,5			56	16,2						56	15,3
Enrolled nurse	90	26,5	3	60,0	93	27,0	3,2					93	25,3
Pupil nurse	14	4,1	20,0	1	4,1	14	4,1					14	3,8
Enrolled nursing assistant	83	24,4			84	24,3	1,2					84	22,9
Dentist	2	0,6			2	0,6						2	0,5
Clinical psychologist	1	0,3			1	0,3						1	0,3
Clinical psychologist (intern)	3	0,9			3	0,9						7	1,9
Pharmacist	4	1,2			4	1,2						4	1,1
Apprentice pharmacist	1	0,3			1	0,3						1	0,3
Dietitian	1	0,3			1	0,3						1	0,3
Diagnostic radiographer	1	0,3			1	0,3						1	0,3
Health inspector	1	0,3			1	0,3						1	0,3
TOTAL	N	340	100	5	100	345	100	1,4	19	100	3	100	13,6
	%	92,6	1,4		94,0	1,4	5,2		0,8	6,0		100	367
													100
													6,0

(Continued)

(e) Blacks

TABLE 9 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% part-time posts				
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
General medical practitioners	6	0,1	4	0,7	10	0,2	40,0	6	1,8	3	23,1	9	2,6	33,3	19	0,3	
Intern (medical)	3	0,1			3	0,1						3	0,1	3	0,1	47,4	
Registered nurse:																	
(a) General	1434	30,9	164	28,8	1598	30,7	10,3	35	10,5	1	7,7	36	10,4	2,8	1634	29,4	
(b) Maternity	122	2,6	19	3,3	141	2,7	13,5	11	3,3	11	3,2	152	2,7	2,7	152	7,2	
(c) Psychiatric	73	1,6	203	35,6	276	5,3	73,6	31	9,3	31	9,0	307	5,5	10,1	307	10,1	
(d) Health nurse	56	1,2			56	1,1			3	0,9	3	0,9	59	1,1	5,1	59	5,1
Student nurse	307	6,6	45	7,9	352	6,8	12,8	54	16,3	3	23,1	57	16,5	5,3	409	7,4	
Enrolled nurse	726	15,7	27	4,7	753	14,5	3,6	8	2,4	8	2,3	761	13,7	1,1	761	13,7	
Pupil nurse	350	7,5	2	0,4	352	6,8	0,6					352	6,3		352	6,3	
Enrolled nursing assistant	1200	25,9	77	13,5	1277	24,5	6,0	136	41,0	136	39,4	1413	25,4	9,6	1413	25,4	
Nursing assistant (old age home)	295	6,4			295	5,7			46	13,9	46	13,3	341	6,1	13,5	341	6,1
Clinical psychologist (intern)									1	0,3	3	23,1	4	1,2	75,0	4	0,1
Pharmacist																100,0	
Apprentice pharmacist	2	0,1	4	0,7	5	0,1	100,0			1	7,7	1	0,3	100,0	5	0,1	
Occupational therapist																20,0	
Dietitian	4	0,1	2	0,4	4	0,1	50,0										
Dental therapist	1		4	0,7	5	0,1											
Radiographical therapist																	
Diagnostic radiographer (student)	1		5	0,9	6	0,1	80,0										
Diagnostic radiographer (student)	2		1	0,2	3	0,1	33,3										
Supplementary diagnostic radiographer (student)																	
Supplementary diagnostic radiographer (student)	3	0,1			3	0,1											
Medical social worker	4	0,1	1	0,2	4	0,1											
Social worker	21	0,5	1	0,5	22	0,4	4,5	1	0,3	1	7,7	2	0,6	50,0	4	0,1	
Medical technician	1		3	0,5	4	0,1	75,0										
Health inspector	19	0,4	8	1,4	27	0,5	29,6			1	7,7	1	0,3	100,0	1	0,1	
Air pollution inspector	1		1	0,2	2	0,0										100,0	
TOTAL	N	4638	100	570	100	5208	100	10,9	332	100	13	100	345	100	3,8	5553	
	%	83,5	10,3	93,8					6,0	0,2			6,2			100	

TABLE 10
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN HEALTH CLINICS

(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of total	N	%	% of total
Medical specialist	24	0,6	1,0	44	5,8	2,3
General medical practitioner + intern + clinical assistant	154	3,8	3,1	300	39,8	12,0
Registered nurse	2056	50,2	7,3	199	26,4	10,2
Student nurse	2			2	0,3	0,4
Enrolled nurse	84	2,1	1,1			
Pupil nurse	11	0,3	0,3			
Nursing assistant	491	12,0	2,8	68	9,0	4,4
Dentist	17	0,4	1,8	3	0,4	1,6
Dental specialist	5	0,1	7,6			
Pharmacist + apprentice pharmacist	16	0,4	0,6	8	1,1	1,7
Physiotherapist	3	0,1	0,4	6	0,8	4,0
Occupational therapist	1		0,2	1	0,1	1,9
Diagnostic radiographer	16	0,4	1,3	6	0,8	6,1
Supplementary diagnostic radiographer student	3	0,1	3,1			
Social worker	45	1,1	3,3	3	0,4	1,7
Medical technologist	3	0,1	0,2	1	0,1	3,0
Medical technician	1		0,2	2	0,3	8,3
Audiometrist + optometrist	3	0,1	10,0	11	1,5	28,9
Dental mechanician	5	0,1	2,4			
Health inspector	1119	27,3	69,3	88	11,7	91,7
Veterinary surgeon	2		9,1	6	0,8	85,7
Counselling psychologist	2		2,6			
Clinical psychologist	1		0,6	1	0,1	2,2
Educational psychologist	8	0,2	5,3	3	0,4	5,3
Dental therapist	1		4,8			
Dietitian	2		0,9			
Oral hygienist	2		3,0			
Other	16	0,4	8,7	2	0,3	18,2
TOTAL	4093	100	4,5	754	100	7,1

(Continued)

(b) Whites

TABLE 10 (CONTINUED)

Occupation	Full-time posts						Part-time posts						% vacant posts	Total	% part-time posts				
	Occupied		Vacant		Total		Occupied		Vacant		Total								
	N	%	N	%	N	%	N	%	N	%	N	%							
Medical specialist	22	1,1	1	0,4	23	1,1	4,3	39	6,5	5	16,1	44	7,0	11,4	67	2,4			
General medical practitioner	110	5,7	33	13,5	143	6,5	23,1	265	44,5	8	25,8	273	43,5	2,9	416	14,8			
Registered nurse:																65,7			
(a) General	329	17,0	43	17,6	372	17,0	11,6	98	16,4	3	9,7	101	16,1	3,0	473	16,8			
(b) Maternity	20	1,0	2	0,8	22	1,0	9,1	5	0,8	1	3,2	6	1,0	16,7	28	1,0			
(c) Psychiatric	3	0,2			3	0,1		2	0,3			2	0,3		5	0,2			
(d) Health nurse	350	18,1	54	22,0	404	18,5	13,4	21	3,5			21	3,3		425	15,1			
Student nurse																4,9			
Enrolled nurse	11	0,6	1	0,4	12	0,5	8,3			2	6,5	2	0,3	100,0	2	0,1			
Pupil nurse	4	0,2			4	0,2						41	6,5		12	0,4			
Enrolled nursing assistant	192	9,9	4	1,6	196	9,0	2,0	41	6,9			4	0,1		237	8,4			
Dentist	15	0,8	1	0,4	16	0,7	6,3	3	0,5			3	0,5		19	0,7			
Dental specialist	3	0,2	1	0,4	4	0,2						3	0,5		4	0,1			
Clinical psychologist (intern)	1	0,1			1									1					
Counselling psychologist (intern)	2	0,1			2	0,1								2	0,1				
Educational psychologist	8	0,4	4	1,6	11	0,5	36,4	8	1,3	3	0,5	8	1,3		11	0,4			
Pharmacist	7	0,4	3	0,2	3	0,1	0,1	6	1,0	6	1,0	6	1,0		19	0,7			
Physiotherapist	3	0,2			1	0,4	1	100,0	1	0,2	1	0,2	1	0,2		42,1			
Apprentice pharmacist					1	0,4	1	100,0	1	0,2	1	0,2	1	0,2		66,7			
Occupational therapist					2	0,8	2	0,1	100,0	5	0,8	5	0,8	13	0,5		38,5		
Dietitian					8	0,4	8	0,4	1	0,2	1	0,2	2	0,1		50,0			
Diagnostic radiographer (student)					8	0,4	1	100,0	5	0,8	1	0,2	2	0,1		100,0			
Supplementary diagnostic radiographer (student)	1	0,1			1														
Diagnostic radiographer (student)	1	0,1			1														
Sitotechnician	1	0,1			1														
Medical social worker	15	0,8	3	1,2	18	0,8	16,7	1	0,2	2	0,3	1	0,2	2	0,1		50,0		
Social worker					3	0,1	3	0,1	66,7	1	0,2	1	0,2	2	0,1		10,0		
Medical technologist	3	0,2			2	0,1				1	0,2	2	0,3	50,0	2	0,1	25,0		
Blood transfusion technician					737	38,0	87	35,5	824	37,7	10,6	68	11,4	75	12,0	9,3	899	32,0	
Audiometrist	1	0,1	2	0,8	3	0,1	0,1	66,7	2	0,1	1	0,2	1	0,2	5	0,2		8,3	
Oral hygienist	2	0,1			5	0,3	5	0,2	1	0,2	1	0,2	1	0,2	2	0,1		15,4	
Dental mechanician	5	0,3			51	2,6	4	1,6	55	2,5	7,3	9	1,5	1	3,2	10	1,6	65	2,3
Health inspector					16	0,8	16	0,7	16	0,7	2	0,1	6	1,0	16	0,6		75,0	
Food inspector					2	0,1	1	0,4	16	0,7	6,3	2	0,3	2	0,3	8	0,3		11,1
Air pollution inspector					15	0,8	1	0,4	2784	100	11,2	596	100	31	100	4,9	2811	100	22,3
Veterinary surgeon					69,0	8,7	8,7	77,7	21,2			1,1							
Other																			
TOTAL																			

(Continued)

(c) Coloureds

TABLE 10 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts		
	Occupied		Vacant		Total		% vacant		Occupied		Vacant		Total		% vacant			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%		
Medical specialist	3	0,9	1	2,3	1	0,3	4	6,5	1	1,5	6	6,0	1	0,2	7	1,6	57,1	
General medical practitioner																	100,0	
Intern (medical)																	100,0	
Clinical assistant																		
Registered nurse:																		
(a) General	115	34,3	12	27,3	127	33,5	9,4	13	21,0	2	40,0	15	22,4	13,3	142	31,8	10,6	
(b) Maternity	28	8,4	2	4,5	30	7,9	6,7	12	19,4	1	12	17,9	42	9,4	1	0,2	28,6	
(c) Psychiatric	1	0,3			1	0,3												
(d) Health nurse	63	18,8	11	25,0	74	19,5	14,9	1	1,6	1	20,0	2	3,0	50,0	76	17,0	2,6	
Student nurse	1	0,3			1	0,3												
Enrolled nurse	14	4,2			14	3,7												
Pupil nurse	3	0,9			3	0,8												
Enrolled nursing assistant	68	20,3	6	13,6	74	19,5	8,1	23	37,1									
Nursing assistant (old age home)	2	0,6			2	0,5												
Dental specialist	1	0,3			1	0,3												
Clinical psychologist																		
Apprentice pharmacist	1	0,3			1	0,3	100,0											
Diagnostic radiographers	4	1,2			4	1,1												
Social worker	31	9,3	11	25,0	42	11,1	26,2	2	3,2	1	20,0	3	4,5	33,3	45	10,1	6,7	
Health inspector																		
TOTAL	N	335	100	44	100	379	100	11,6	62	100	5	100	67	100	7,5	446	100	15,0
	%	75,1		9,9		85,0		13,9		1,1		15,0						
(d) Asians																		
General medical practitioner	3	2,3			3	2,1			9	27,3			9	26,5		12	6,9	75,0
Registered nurse:																		
(a) General	18	13,7	2	20,0	20	14,2	10,0	24	72,7	1	100,0	25	73,5	4,0	45	25,7	55,6	
(b) Maternity	2	1,5	1	10,0	3	2,1	33,2									3	1,7	
(c) Health nurse	29	22,1	3	30,0	32	22,7	4,4									32	18,3	
Enrolled nurse	40	30,5	2	20,0	42	29,8	4,8									42	24,0	
Dentist	1	0,8			1	0,7	100,0									1	0,6	
Apprentice pharmacist	4	3,1	1	10,0	5	3,5	20,0									1	0,6	
Social worker	34	2,0			34	24,1										5	2,9	
Health inspector																34	19,4	
TOTAL	N	131	100	10	100	141	100	7,1	33	100	1	100	34	100	2,9	175	100	19,4
	%	74,9		5,7		80,6												

(Continued)

(e) Blacks

TABLE 10 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total N %	% part- time posts		
	Occupied			Vacant			Occupied			Vacant						
	N	%	N	%	Total	% vacant posts	N	%	N	%	N	%				
General medical practitioner	2	0,2	3	1,6	3	0,2	100,0	6	24,0	1	4,0	6	23,1	9	0,6	
Intern (medical)												1	3,8	2	0,1	
Clinical assistant														1	0,1	
Registered nurse:															100,0	
(a) General	525	43,9	72	37,3	597	43,0	12,1	11	44,0	1	100,0	12	46,2	597	42,2	
(b) Midwife	152	12,7	18	9,3	170	12,2	10,6							182	12,9	
(c) Psychiatric nurse	3	0,3			3	0,2								3	0,2	
(d) Health nurse	173	14,5	25	13,0	198	14,3	12,6	3	12,0			3	11,5	201	14,2	
Student nurse	1	0,1			1	0,1								1	0,1	
Enrolled nurse	49	4,1	9	4,7	58	4,2	15,5							58	4,1	
Pupil nurse	4	0,3			4	0,3								4	0,3	
Enrolled nursing assistant	158	13,2	16	8,3	174	12,5	9,2	4	16,0			4	15,4	178	12,6	
Nursing assistant (old people's home)	3	0,3			3	0,2								3	0,2	
Pharmacist	1	0,1			1	0,1								1	0,1	
Apprentice pharmacist					1	0,5	1	0,1	100,0					1	0,1	
Dental therapist					1	0,5	1	0,1	100,0					1	0,1	
Diagnostic radiographer	5	0,4	2	1,0	7	0,5	28,6							7	0,5	
Supplementary diagnostic radio-grapher (student)	1	0,1			2	0,1								1	0,1	
Social worker	8	0,7	9	4,7	17	1,2	53,9							17	1,2	
Health inspector	111	9,3	36	18,7	147	10,6	24,5	1	0,1	100,0				147	10,4	
Food inspector			1	0,5										1	0,1	
TOTAL	N	1196	100	193	100	1389	100	13,9	25	100	0,1	100	26	100	3,8	
	%	84,5		13,6		98,2		1,8		1,8			1,8		100	
															1,8	

TABLE 11

FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN SPECIAL CLINICS AND INSTITUTIONS,
REHABILITATION CENTRES, SPECIAL SCHOOLS, CHILDREN'S HOMES, HOMES FOR THE AGED AND WELFARE ORGANISATIONS
(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of total	N	%	% of total
Medical specialist	1			52	4,0	2,7
General medical practitioner	37	0,9	0,7	53	4,9	2,5
Registered nurse	1141	28,0	4,0	296	22,9	15,2
Student nurse	24	0,6	0,2	22	1,7	4,2
Enrolled nurse	397	9,7	5,2	32	2,5	15,9
Pupil nurse	66	1,6	2,0	7	0,5	1,9
Nursing assistant	1386	34,0	7,9	528	40,9	34,5
Clinical psychologist + intern	3	0,1	1,7	22	1,7	48,9
Counselling psychologist + intern	14	0,3	18,4	4	0,3	57,1
Educational psychologist	141	3,5	92,8	54	4,2	94,7
Pharmacist	3	0,1	0,1	1	0,1	0,2
Physiotherapist + student + remedical gymnast + masseur	142	3,5	16,8	46	3,6	30,9
Occupational therapist	91	2,2	19,4	23	1,8	44,2
Dietitian	5	0,1	2,3			
Speech therapist	58	1,4	50,4	13	1,0	81,3
Dentist	2		0,2	5	0,4	2,7
Social worker	534	13,1	39,1	122	9,4	69,7
Audiometrian + optometrist	3	0,1	10,0			
Medical technician				1	0,1	4,2
Health inspector	1		0,1	1	0,1	1,0
Other	24	0,6	13,0			
TOTAL	4073	100	4,5	1292	100	12,1

(Continued)

(b) Whites in special clinics and institutions

TABLE 11 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total		% part-time posts				
	Occupied	N	%	Vacant	N	%	Total	N	%	Occupied	N	%	Vacant	N	%	Total	N	%	
Medical specialist	1	0,8			1	0,8		8	14,5		8	14,0		9	4,9	88,9			
General medical practitioners	47	39,2		2	28,6		49	38,6		4,1	9	16,4		16	28,1		16	8,7	
Registered nurse:																		100,0	
(a) General	1	0,8			1	0,8		5	3,9		2	3,6		9	15,8		58	31,5	
(b) Maternity	5	4,2			1	0,8		1	0,8		1	50,0		3	5,3		1	0,5	
(c) Psychiatric nurse	1	0,8			2	1,6								33,3		8	4,3	37,5	
Enrolled nursing assistant	2	1,7														2	1,1		
Dentist																1	0,5	100,0	
Clinical psychologist (intern)	1	0,8														4	2,2	100,0	
Counselling psychologist	7	5,8		3	42,9		7	5,5		20	15,7		15,0		5	8,8		5	2,7
Educational psychologist	17	14,2														7	3,8		
Physiotherapist	2	1,7														70	10,9		
Remedial gymnast	10	8,3		1	14,3		11	8,7		9,1		4	7,0		2	1,1		50,0	
Occupational therapist	6	5,0														15	8,2	26,7	
Speech therapist	1	0,8														7	3,8	14,3	
Medical social worker																1	0,5		
Psychiatric social worker	19	15,8		1	14,3		20	15,7		5,0		1	1,8		1	0,5		100,0	
Social worker (general)																24	13,0	16,7	
TOTAL	N	120	100	7	100		127	100		5,5	55	100	2	100	31,0	3,5	184	100	
	%	65,2		3,8			69,0			29,9			1,1				100	31,0	
(c) Whites in rehabilitation centres																			
Medical specialist	1	0,5		2	2,7		3	1,1		66,7		3	5,2		3	5,0		3	0,9
General medical practitioner	32	16,5		2	2,7		34	12,7		5,9		4	6,9		6	10,0		9	2,7
Registered nurse:																		66,7	
(a) General	1	0,5																10,5	
(b) Maternity	28	14,4																8,5	
(c) Psychiatric	1	0,5																0,3	
(d) Health nurse	2	1,0																0,3	
Enrolled nurse																2	0,6		
Pupil nurse																21	6,4		
Enrolled nursing assistant (old age home)	65	33,5		21	28,4		21	7,8		100,0		1	1,7		110	33,5		5,0,9	
Nursing assistant (old age home)	4	2,1														5	1,5	20,0	
Dentist																2	0,6	100,0	
Clinical psychologist (intern)	2	1,0														7	2,1	100,0	
																4	1,2	50,0	

(Continued)

TABLE 11 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total N	% part- time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
Counselling psychologist (intern)	2	1,0			2	0,7	11	4,1	18,2	1	1,7	16	26,7	2	0,6	
Counselling psychologist	9	4,6	2	2,7	1	0,4	5	1,9	100,0	1	1,7	1	0,3	27	8,2	
Educational psychologist	3	1,5	1	1,4	5	2,7				1	1,7	6	1,8	1	0,3	
Pharmacist										1	1,7	1	0,3	16,7	100,0	
Physiotherapist										2	100,0	3	5,0	66,7	8	
Remedial gymnast										1	1,7	1	0,3	1	2,4	
Occupational therapist	.5	2,6			5	1,9				1	1,7	3	5,0	66,7	8	
Dietitian	1	0,5			1	0,4	38	14,2	12	20,7			12	20,0	1	0,3
Social worker	38	19,6										50	15,2	50	15,2	
TOTAL	N	194	100	74	100	268	100	27,6	58	100	2	100	60	100		
	%	59,1	22,6	81,7					17,7		0,6		18,3		18,3	

(d) Non-Whites in special clinics and rehabilitation centres

Coloured	Full-time posts						Part-time posts						Total N	% part- time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total				
	N	%	N	%	N	%	N	%	N	%	N	%			
Medical specialist	17	27,0	1	100,0	18	28,1	5,6	1	14,3	1	14,3	1	14,3	1	1,4
General medical practitioner													18	25,4	
Psychiatric nurse (registered)	5	7,9			5	7,8			1	14,3			1	1,4	
Enrolled nurse	9	14,3			9	14,1							5	7,0	
Pupil nurse	16	25,4			16	25,0			1	14,3			9	12,7	
Enrolled nursing assistant									3	42,9			17	23,9	
Clinical psychologist	10	15,9			10	15,6			1	14,3			3	4,2	
Social worker	6	9,5			6	9,4			1	14,3			11	15,5	
Other									6				6	8,5	
SUBTOTAL	N	63	100	1	100	64	100	1,6	7	100	9,9	100	71	100	
	%	88,7	1,4			90,1							100	9,9	
Asians															
Medical specialist															
General medical practitioner	4	57,1			4	50,0			1	33,3			1	9,1	
Enrolled nurse	1	14,3			1	12,5			1	33,3			1	9,1	
Educational psychologist	2	28,6			3	37,5			1	33,3			4	36,4	
Social worker									1	33,3			1	9,1	
SUBTOTAL	N	7	100	1	100	8	100	12,5	3	100	27,3	100	11	100	
	%	63,6	9,1			72,7							100	27,3	

(Continued)

TABLE 11 (CONTINUED)

Occupation	Full-time posts						Part-time posts						% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total			
	N	%	N	%	N	%	Va= vacant posts	N	%	N	%	Va= vacant posts		
Blacks														
General medical practitioner	5	6,4			5	6,0		1	16,7					
Psychiatric nurse	2	2,6			2	2,4								
Enrolled nurse	5	6,5			5	6,0								
Pupil-nurse	1	1,3			1	1,2								
Enrolled nursing assistant	17	21,8			17	20,2								
Nursing assistant (old age home)	18	23,1			18	21,4		4	66,7					
Physiotherapist	2	2,6			2	2,4								
Psychiatric social worker	1	1,3			1	1,2								
Social worker	9	11,5			100,0	15	17,9	40,0	1	16,7				
Other	18	23,1			18	21,4								
SUBTOTAL	N	78	100		100	84	100	7,1	6,6	100	1,1	100	7,7	
TOTAL	N	148	85,5		4,6	90,2		5,1	16	1	17	5,9	100	
									0,6		9,8		100	
(e) Whites in special schools														
Medical specialist														
General medical practitioner		1	0,3			1	0,3							
Intern (medical)								13	28,0					
Registered nurse		9,6	3	13,6	38	9,8	7,9	1	14,3	14	11,2	35	35	
(a) General		1,1	1	4,5	5	1,3	20,0	1	0,8	1	0,8	7,1	2,9	
(b) Psychiatric		4	1,1	2	9,1	6	1,6						100,0	
(c) Health nurse		1	0,3	1	4,5	5	1,3	20,0	2	1,7				
Student nurse		4	1,1	1	4,5	5	1,3		1	0,8				
Enrolled nurse		4	1,1	1	4,5	5	1,3							
Dentist		1	0,3			1	0,3			2	1,6			
Clinical psychologist		1	0,3			1	0,3			1	0,8			
Counselling psychologist		5	1,4	1	4,5	6	1,6	16,7	2	1,7				
Counselling psychologist (intern)		115	31,5	7	31,8	122	31,5	5,7	38	32,2				
Educational psychologist		73	20,0	3	13,6	76	19,6	3,9	5	4,2	38	30,4	160	
Physiotherapist		59	16,2	1	4,5	60	15,5	1,7	2	1,7	2	1,6	5	
Physiotherapist (student)		1	0,3			1	0,3		2	1,7	1	14,3	4	
Occupational therapist		48	13,2	3	13,6	51	13,2	5,9	6	5,1	2	28,6	25,0	
Occupational therapist (student)		4	1,1			4	1,0	5	4,2		5	4,0	60	
Dietitian		2	0,5			2	0,5						1,0	
Speech therapist		1	0,3			1	0,3						1,0	
Social worker		4	1,1			4	1,0						1,0	
Optometrist		2	0,5			2	0,5						0,4	
Audiometrician		1	0,3			1	0,3						0,2	
TOTAL	N	365	71,3	100	22	100	387	100	5,7	23,0	1,4	125	512	
	%				4,3		75,6					1,4	100	
												5,6	24,4	

(Continued)

(f) Non-Whites in special schools for Non-Whites

TABLE 11 (CONTINUED)

Occupation	Full-time posts						Part-time posts						% vacant posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total			
	N	%	N	%	N	%	N	%	N	%	N	%		
Coloureds Registered nurse (general)	4	50,0			4	44,4							4 33,3	
Asians Medical specialist Registered nurse (general) Speech therapist	1	12,5	1	100,0	1	11,1	1	100,0	1	50,0	1	100,0	2 16,7	
Blacks Registered nurse (general)	3	37,5			3	33,3			1	50,0			1 8,3	
TOTAL	N %	8 66,7	100 8,3		9 75,0	100 16,7	11,1 16,7	100 8,3	2 8,3	100 25,0	3 25,0	100 100	4 25,0	

(g) Whites in homes for the aged

Medical specialist	10	0,9	18	56,3	10	0,9	22	0,2	1	0,1	1	0,1	100,0	
General medical practitioner	669	60,1	687	60,0	2,6	2,6	234	35,7	11	30,6	245	35,4	32 1,7	
Registered nurse:													68,8	
(a) General	669	0,4	5	0,4	6	0,9			6	0,9	932	50,7		
(b) Psychiatric	10	0,9	10	0,9	6	0,9			6	0,9	11	0,6	54,5	
(c) Health nurse	13	1,2	13	1,1	16	2,4			16	2,3	29	1,6	37,5	
Student nurse	64	5,8	64	5,6	14	2,1			14	2,0	78	4,2	55,2	
Enrolled nurse	13	1,2	13	1,1	4	0,6			4	0,6	17	0,9	23,5	
Pupil nurse											87	4,7	100,0	
Enrolled nursing assistant	286	25,7	9	28,1	295	25,8	3,1	204	31,1	2	5,6	87	4,7	
Nursing assistant (old age home)	1	0,1	1	0,1	1	0,2	1	0,2	1	0,1	216	31,2	5,6	
Dentist	2	0,2	2	0,2	2	0,2	1	0,2	1	0,1	511	27,8	2 0,1	
Pharmacist	8	0,7	8	0,7	8	0,7	29	4,4	3	8,3	32	4,6	2 0,1	
Masseur	1	0,1	1	0,1	1	0,1					3	0,2	33,3	
Remedial gymnast	2	0,2	2	0,2	1	0,2	1	0,2	4	11,1	8	1,2		
Occupational therapist (student)	8	0,7	3	9,4	11	1,0	27,3	4	0,6	4 11,1	1	0,1	3 0,2	
Dietitian	2	0,2	2	0,2	2	0,2					50,0	19	3 0,2	
Dietitian in training	1	0,1	1	0,1	1	0,1					2	0,1	33,3	
Speech therapist	1	0,1									1	0,1	42,1	
Medical social worker	1	0,1									1	0,1		
Social worker	15	1,3	2	6,3	17	1,5	11,8	2	0,3	4 11,1	2	0,2	100,0	
Blood transfusion technician	1	0,1			1	0,1					24	3,5	4 1,0	
Health inspector											1	0,1	66,7	
Food inspector											1	0,1	58,5	
TOTAL	N	113 60,6	100 1,7		100 62,3	1145 35,7	100 35,7	2,8	656 2,0	100 37,7	692 100	5,2	1837 100	37,7

(Continued)

(h) Non-Whites in old age homes

TABLE 11 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts	N	%	
	N	%	N	%	N	%	N	%	N	%	N	%	% part-time posts			
Coloureds																
General medical practitioner	34	7,8	2	66,7	36	8,2	5,5	2	2,7		2	2,4	2	0,4	100,0	
Registered nurse (general)	1	0,2			1	0,2		2	2,7		2	2,4	38	7,3	5,3	
Student nurse	63	14,4			63	14,3	0,5	15	20,3		6	7,3	7	1,3	85,7	
Enrolled nurse	2	0,5			2	0,5		2	2,7		15	18,3	78	14,9	19,2	
Pupil nurse															50,0	
Enrolled nursing assistant																
Nursing assistant (old age home)	3333	76,2	1	33,3	334	75,9	0,3	19	25,7		19	23,2	19	3,6	100,0	
Occupational therapist (student)																
Social worker	4	0,9			4	0,9		1	1,4		1	1,2	1	0,2	100,0	
SUBTOTAL	N	437	100	3	100	440	100	0,7	74	100	8	100	82	100	9,8	
	%	83,7		0,6		84,3			14,2		1,5		15,7		100	15,7
Asians																
Registered nurse (general)	2	8,0			2	7,1		2	100,0							
Enrolled nurse	15	60,0			15	53,6										
Nursing assistant (old age home)	7	28,3			7	25,8										
Social worker	1	4,0			4	14,3		75,0								
SUBTOTAL	N	25	100	3	100	28	100	10,7	6,7	100	2	100	6,7			
	%	83,3		10,0		93,3										
Blacks																
Registered nurse (general)	205	20,3	1	14,3	206	20,2	0,5	5	2,9		5	2,9				
Student nurse	2	0,2	2	28,6	4	0,4	50,0									
Enrolled nurse	230	22,7	1	14,3	231	22,7	0,4	1	0,6		30	17,1	21	0,3	231	
Pupil nurse	20	2,0			20	2,0		30	17,2		139	79,4	0,7	0,8	4,8	
Enrolled nursing assistant																
Nursing assistant (old age home)	550	54,3	3	42,9	553	54,3	0,5	138	79,3	1	100,0					
Occupational therapist																
Social worker	2	0,2			2	0,2										
SUBTOTAL	N	1012	100	7	100	1019	100	0,7	174	100	1	100	175	100	0,6	
	%	84,5		0,6		85,1			14,8		0,1		14,9		1194	100
TOTAL	N	1474		13		1487		0,9	250		9		259		3,5	14,7
	%	84,4		0,7		85,2			14,3		0,5		14,8		1746	100

(Continued)

(i) Whites in children's homes and welfare organisations

TABLE 11 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts		
	Occupied		Vacant		Total		% vacant posts		Occupied		Vacant		Total		% vacant posts		N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
General practitioner	9	2,7	1	7,7	10	2,9	10,0	5	7,6	2	3,0	5	7,6	2	0,5	100	0	
Registered nurse (general)	1	0,3			1	0,3		1	1,5			1	1,5			15	3,7	
Enrolled nurse	28	8,5	3	23,1	31	9,0	9,7	1	1,5			1	1,5			2	0,5	
Nursing assistant (old age home)																50	0	
Clinical psychologist																31	7,6	
Physiotherapist																1	0,2	
Occupational therapist	14	4,2	5	38,5	19	5,5	26,3	2	3,0			2	3,0			21	5,1	
Dietitian																1	0,2	
Psychiatric social worker	1	0,3			1	0,3		1	1,5			1	1,5			1	0,2	
Social worker	276	83,6	4	30,8	280	81,6	1,4	48	72,7			6	9,1			7	1,7	
												48	72,7			328	80,2	
TOTAL	N	330	100	13	100	343	100	3,8	66	100		66	100			409	100	
	%	80,7		3,2		83,9						16,1				100	16,1	
(j) Non-Whites in children's homes and welfare organisations																		
Coloureds																		
Registered nurse (general)		3	4,2		9	100,0	77	3	3,8							3	3,6	
Social worker	N	68	95,8		9	100,0		96,3	11,7	2	100,0	2	100,0	4	100,0	81	96,4	
	%	84,5		100	9		100	95,2		100		2,4	100	2,4	100	50,0	84	
SUBTOTAL	N	71	100	9	100	80	100	11,3	2	100		2,4	100	4,8	100	100	4,8	
Asians																		
Social worker	N	8	100,0				8	100,0								8	100,0	
Blacks																		
Registered nurse (general)		9	15,8		9	14,3		1	11,1			1	11,1			10	13,9	
Enrolled nurse		1	1,8		1	1,6										1	1,4	
Physiotherapist		2	3,5	4	66,7	6	66,7									6	8,3	
Social worker	N	45	78,9	2	33,3	47	74,6	4,3	8	88,9		8	88,9			55	76,4	
	%	57		100	6	100	63	100	9,5	9	100		12,5	100		72	100	
SUBTOTAL	N	79,2		8,3		87,5										100	12,5	
TOTAL	N	136	82,9	15	9,1	95,1		9,9	11	2	1,2	13				164	7,9	
	%											6,7				100		

TABLE 12
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN SCHOOL CLINICS

(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of total	N	%	% of total
Medical specialist	3	1,2	0,0	1	2,9	0,1
Registered nurse	1	0,4	0,6	8	22,9	15,1
Clinical psychologist + intern	34	14,0	30,9	2	5,7	1,8
Counselling psychologist + intern	98	40,5	39,2	8	22,9	12,3
Educational psychologist	1	0,4	0,2	2	5,7	3,7
Occupational therapist	98	40,5	46,0	8	22,9	33,3
Speech therapist	5	2,1	0,4	6	17,1	3,3
Social worker	2	0,8	0,1			
Health inspector						
TOTAL	242	100	0,3 -	35	100	0,3

(b) Whites

Occupation	Full-time			Part-time			% vacant posts	Total	% part-time posts
	N	%	Vacant	Total	%	Occupied			
Medical specialist	3	1,4		3	1,2		1	2,9	1
Registered nurse (general)	1	0,5		1	0,4		8	22,9	3
Clinical psychologist (intern)	30	13,7	1	4,3	31	12,8	3,2	2	1,1
Clinical psychologist (intern)	3	1,4		3	1,2		2	5,7	8
Counselling psychologist (intern)	90	41,1	8	34,8	98	40,5	8,2	8	2,9
Educational psychologist							2	5,7	3
Occupational therapist (student)	1	0,5		1	0,4		8	22,9	11,9
Occupational therapist (student)	85	38,8	13	56,5	98	40,5	13,3	8	1,1
Speech therapist	5	2,3	1	4,3	2	2,1	6	17,1	33
Psychiatric social worker	1	0,5		0,8	50,0				11,9
Social worker							2	5,7	6,1
Health inspector									7,5
TOTAL	N	219	100	23	100	242	100	9,5	35
	%	79,1	8,3	87,4	12,6	100	100	12,6	100
								277	100
									12,6

TABLE 13
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN GOVERNMENT DEPARTMENTS
AND RESEARCH LABORATORIES

(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of total	N	%	% of total
Medical specialist	41	1,6	1,7	251	27,3	13,0
General medical practitioner + clinical assistant	172	6,6	3,5	587	63,9	23,5
Registered nurse	554	21,4	2,0	7	0,8	0,4
Nursing assistant	3	0,1				
Dentist	63	2,4	6,6	18	2,0	9,8
Student nurse	1					
Clinical psychologist	6	0,2	3,5	2	0,2	4,4
Counselling psychologist + intern	53	2,0	69,7	1	0,1	14,3
Pharmacist	98	3,8	3,4	1	0,1	0,2
Dietitian + dietitian in training	31	1,2	14,5	2	0,2	25,0
Physiotherapist	10	0,4	1,2	14	1,5	9,4
Occupational therapist	4	0,2	0,9			
Speech therapist	3	0,1	2,6			
Social worker	459	17,7	33,6	11	1,2	6,3
Medical technologist	695	26,9	53,8	14	1,5	42,4
Medical technician	84	3,2	18,8	3	0,3	12,5
Health inspector	275	10,6	17,0			
Veterinary surgeon	7	0,3	31,8			
Other	29	1,1	15,8	8	0,9	72,7
TOTAL	2588	100	2,9	919	100	8,6

(Continued)

(b) Whites in government departments

TABLE 13 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts				
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Medical specialist	77	7,9	33	16,5	110	9,3	245	29,1	1	50,0	245	29,1	245	12,1	100,0		
General medical practitioner	7	0,3	1	0,5	1	0,1	545	64,8	1	50,0	546	64,8	655	0,2	32,5	83,2	
Intern (medical)	3	0,3	2	1,0	5	0,4	40,0						5	0,2			
Clinical assistant																	
Registered nurse:																	
(a) General	106	10,8	17	8,5	123	10,5	123	13,8					123	6,1			
(b) Maternity	48	4,9	4	2,0	52	4,4	52	7,7					52	2,6			
(c) Psychiatric	1	0,1	1	0,1	1	0,1	1	35,2					1				
(d) Health nurse	68	7,0	37	18,5	105	8,9	35,2						105	5,2			
Student nurse	1	0,1	1	0,1	1	0,1	1						1				
Nursing assistant (old age home)	1	0,1	10	5,0	50	4,2	20,0	16	1,9				16	1,9			
Dentist	40	4,2	4	2,0	44	3,8	44	9,1	1	0,1	45	9,2	66	3,3			
Clinical psychologist	5	0,5	5	0,4	5	0,4	4,0	3,1	1	0,1	4,0	3,1	48	2,4			
Counselling psychologist	47	4,8	3	1,5	97	8,2	97	14,7	1	0,1	98	4,9	98	4,9			
Pharmacist	94	9,6	3	1,5	10	0,8	10	14	1	0,1	14	1,7	24	1,2			
Physiotherapist	10	1,0															
Occupational therapist	1	0,1	1	0,1	1	0,1	1	14	1	0,1	14	1,7	14	1,7			
Occupational therapist (student)	3	0,3	3	0,3	3	0,3	3	0,3	1	0,1	3	0,3	3	0,1			
Dietitian	21	2,1	3	1,5	24	2,0	24	12,5	2	0,2	2	0,2	26	1,3			
Dietitian in training			1	0,5	1	0,1	1	0,1	100,0				1				
Speech therapist	3	0,3	3	0,3	3	0,3	3	0,3	100,0				3	0,1			
Social worker	195	20,0	33	16,5	228	19,4	228	14,5	10	1,2	238	11,8	238	11,8			
Medical technologist	25	2,6	1	0,5	1	0,1	1	100,0	100,0				1				
Blood transfusion technician	196	20,1	46	23,0	242	20,6	242	19,0	20,6				25	1,2			
Health inspector	6	0,6	3	1,5	9	0,8	9	33,3	33,3				242	12,0			
Air pollution inspector	7	0,7	6	3,0	25	2,1	24,0	7	0,8	1	50,0	8	0,9	9	0,4		
Veterinary surgeon	19	1,9											7	0,3			
Other													33	1,6			
TOTAL	N	977	100	200	1177	100	17,0	841	100	2	100	843	100	0,2	2020	100	41,7
	%	48,4		9,9	58,3		41,6		0,1			41,7					

(Continued)

(c) Non-whites in government departments

TABLE 13 (CONTINUED)

Occupation	Full-time posts				Part-time posts				Total		% part-time posts	
	Occupied		Vacant		Total		% vacant posts		Occupied		Vacant	
	N	%	N	%	N	%	N	%	N	%	N	%
Coloureds												
General medical practitioner	1	1,8	1	4,5	2	2,6	50,0	15	93,8		15	93,8
Clinical assistant			2	9,1	2	2,6	100,0					
Registered nurse:												
(a) General	6	10,9	2	9,1	8	10,4	25,0					
(b) Health nurse	20	36,4	11	50,0	31	40,3	35,5					
Dentist	9	16,4	1	4,5	10	13,0	10,0					
Clinical psychologist			1	4,5	1	1,3	100,0					
Social worker	19	34,5	3	13,6	22	28,6	13,6	1	6,3		1	1,1
Medical technologist			1	4,5	1	1,3	100,0				1	1,1
SUBTOTAL	N %	55 %	100 %	22 %	100 %	28,6 %	16 %	100 %	17,2 %		93 %	100 %
Asians												
General medical practitioner			1	20,0					7	100,0		
Intermediate (medical)			1	20,0							7	58,3
Health nurse			3	60,0							1	8,3
Dentist											3	25,0
SUBTOTAL	N %	41,7 %	100 %		41,7 %	500 %	58,3 %	.	58,3 %		12	100 %
Blacks												
General medical practitioner			1	0,4	2	1,1	2	0,4	100,0	8	100,0	
Intermediate (medical)							1	0,2				
Clinical assistant												
Registered nurse:												
(a) General	110	41,7	53	28,3	163	36,1	32,5					
(b) Maternity	4	1,5			4	0,9	9,8	70,5				
(c) Health nurse	13	4,9	31	16,6	44	9,8	0,4					
Nursing assistant (old age home)			2	0,8	2	4,7	28,6					
Dentist												
Social worker	115	43,6	94	50,3	209	46,3	5,0					
Site technician			1	0,5	1	0,2	100,0					
Health inspector			6	3,2	21	4,7	0,9					
Other			4	1,5	4	0,9						
SUBTOTAL	N %	264 %	100 %	187 %	100 %	451 %	100 %	41,5 %	8 %	100 %	11 %	27,3 %
TOTAL	N %	324 %	57,1 %	209 %	36,9 %	533 %	94,0 %	39,2 %	31 %	5,5 %	0,5 %	6,0 %

(Continued)

(d) Whites in research laboratories

TABLE 13 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Totaal N %	% part-time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
Medical specialist	32	4,8	5	7,8	37	5,1	13,5	6	14,6	6	14,3	43	5,6	13,9		
General medical practitioner	25	3,8	17	26,6	42	5,8	40,5	10	24,4	10	23,8	52	6,7	19,2		
Clinical assistant	1	0,2			1	0,1						1	0,1			
Registered nurse (general)	18	2,7			18	2,5			7	17,1	7	16,7	25	3,2	28,0	
Clinical psychologist							0,4		1	2,4	2	4,8	50,0	2	0,3	
Counselling psychologist (intern)	3	0,5					1	0,1						3	0,0	
Pharmacist	1	0,2					1	0,1						1	0,1	
Dietitian	5	0,8	1	1,6	6	0,8	16,7							6	0,8	
Medical technologist	531	79,7	37	57,8	568	77,8	6,5	14	34,1					582	75,4	
Blood transfusion technician	2	0,3					0,3		3	6,1				2	0,3	
Silo technician	46	6,9	3	4,7	49	6,7			3	7,3	3	7,1	52	6,7	5,8	
EEG technician	1	0,2	1	1,6	2	0,3	50,0							2	0,3	
TOTAL	N %	666 86,3	103 8,3	64 94,6	100 94,6	730 94,6	8,8 5,3	41 0,1	100 5,3	1 0,1	100 5,4	42 0,1	100 5,4	772 100	100 100	5,4

(Continued)

(e) Non-Whites in research laboratories

TABLE 13 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total N	% part- time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
Coloureds																
Medical specialist			1	50,0	1	33,3	100,0							1		
Counselling psychologist (intern)	1	100,0	1	33,3	1	33,3	100,0						1	33,3		
Counselling psychologist													1	33,3		
SUBTOTAL	N %	100 %	2	100	3	100	66,7						3	100		
Asians																
Medical specialist			2	6,7	1	33,3	1	3,0	100,0				1	3,0		
General medical practitioner	28	93,3	2	66,7	2	6,7	30	90,9	6,7				2	6,1		
Medical technologist													30	90,9		
SUBTOTAL	N %	100 %	3	100	33	100	9,1						33	100		
Blacks																
Medical specialists					2	14,3	2	1,8	100,0				2	1,8		
General medical practitioner					3	21,1	3	2,7	100,0				3	2,7		
Registered nurse (general)	2	2,0	1	7,1	3	27,7	3	33,3					3	27,7		
Health nurse	1	1,0			1	0,9							1	0,9		
Medical technologist	87	88,8	8	57,1	95	84,8	8	8,4					95	84,8		
Blood transfusion technician	5	5,1	3,1	2,7	3	4,5							5	4,5		
Health inspector	3	3,1			3	2,7							3	2,7		
SUBTOTAL	N %	100 %	14	100	112	100	12,5						112	100		
TOTAL	N %	129 %	19	12,8	148	100	12,5						148	100		

TABLE 14
FULL-TIME AND PART-TIME POSTS FOR HEALTH AND WELFARE PERSONNEL IN PRIVATE PRACTICES AND WHOLESALE AND RETAIL PHARMACIES

(a) All racial groups

Occupation	Full-time posts			Part-time posts		
	N	%	% of total	N	%	% of total
Medical specialist	664	10,5	28,2	130	11,3	6,7
General medical practitioner	1070	16,9	21,5	220	19,1	8,8
Registered nurse	400	6,3	1,4	149	12,9	7,6
Counselling psychologist	3	0,0	3,9			
Industrial psychologist	1	0,0	50,0			
Pharmacist + apprentice pharmacist	2150	34,0	74,8	374	32,5	79,6
Dentist	728	11,5	76,1	71	6,2	38,8
Dental specialist	50	0,8	75,8	13	1,1	25,5
Physiotherapist + remedial gymnast + masseur	64	1,0	7,6	23	2,0	15,4
Occupational therapist	5	0,1	1,1			
Dietitian	1	0,0	0,5	1	0,1	12,5
Speech therapist	3	0,0	2,6			
Radiographical therapist	15	0,2	5,1	3	0,3	11,1
Diagnostic radiographer	129	2,0	10,7	34	3,0	34,3
Medical technologist	132	2,1	10,2	7	0,6	21,2
Medical technician	94	1,5	21,0	9	0,8	37,5
Optometrist + Audiometrician	11	0,2	36,7	5	0,4	13,2
Oral hygienist	63	1,0	95,5	28	2,4	87,5
Anaesthetist assistant	1	0,0	4,0			
Veterinary surgeon	11	0,2	50,0			
Dental assistant	517	8,2	100,0	43	3,7	100,0
Dental mechanician	189	3,0	91,3	40	3,5	95,2
Dental therapist				1	0,1	33,3
Other	29	0,5	15,8	1	0,1	9,1
TOTAL	6330	100	7,0	1152	100	10,8

(Continued)

(b) Whites in medical practices

TABLE 14 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total			% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total		% vacant posts				
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Medical specialist	605	29,0	10	21,3	615	28,9	1,6	109	26,3	109	25,8	724	28,4	15,1	16,7		
General medical practitioner	875	42,0	21	44,7	896	42,1	2,3	173	41,8	7	87,5	1076	42,2	12	42,2		
Registered nurse:												3,9					
(a) General	299	14,4	5	10,6	304	14,3	1,6	78	18,8	1	0,2	382	15,0	20,4	20,4		
(b) Maternity	11	0,5			11	0,5		1	0,2			12	0,5	8,3	8,3		
(c) Psychiatric nurse	1				1			6	1,4			1					
Dentist	22	1,0			22	1,0		1	0,2			28	1,1	21,4	21,4		
Pharmacist	1				1			1	0,2			2	0,1	50,0	50,0		
Physiotherapist								3	0,7			3	0,1	100,0	100,0		
Masseur	1				1			3	0,7			3	0,7				
Radographical therapist	7	0,3			7	0,3		2	0,5			1	0,5	9	0,4		
Diagnostic radiographer	125	6,0			125	5,9		25	6,0	1	12,5	26	6,2	3,8	5,9		
Medical technologist	97	4,7			101	4,7		4,0	6	1,4		151	5,9	17,2	17,2		
Sito technician	17	0,8			22	1,0		22,7	5	1,2		107	4,2	4,2	5,6		
EEG technician	2	0,1			2	0,1		0,1	0,2			27	1,1	18,5	18,5		
Orthopaedic orthotist	1				1			1	0,2			1	0,2	3	0,1		
Audiometrist	1				1			1	0,2			1	0,2	2	0,1		
Orthoptist	16	0,8			18	0,8		11,1	0,7			4	0,2		75,0		
Anaesthetist assistant								3	0,7			1					
Dental assistant												18	0,7				
TOTAL	N	2083	100	47	100	2130	100	2,2	414	100	8	100	422	100	1,9	2552	
	%	81,6		1,8		83,4			16,2		0,3		16,5				100
																16,5	
(c) Non-Whites in medical practices																	
Coloureds																	
Medical specialist	4	7,8			4	5,0		4	33,3			4	33,3	8	8,7	50,0	
General medical practitioner	15	29,4	1	3,4	16	20,0		6,3	16,7	8	66,7	8	66,7	24	26,1	33,3	
Registered nurse (general)	5	9,8	1	3,4	6	7,5		30,4	33,3			6		6,5			
Dentist	16	31,4	7	24,1	23	28,8		3,8	71,4	11	100,0	11	12,0	23	25,0		
Diagnostic radiographer	2	3,9	5	17,2	7	8,8		3,8	33,3	1		7	7,6				
Medical technologist	2	3,9	11	37,9	11	13,8		50,0	50,0	2,5		1	12,0				
Sito technician	1	2,0	1	3,4	2	2,5		3,8	3,8	6,3	40,0			2	2,2		
EEG technician	3	5,9	2	6,9	5	6,3								3	3,3		
Orthopaedic orthotist	3	5,9												5	5,4		
SUBTOTAL	N	51	100	29	100	80	100	36,3	12	100	13,0	13,0		92	100	13,0	
	%	55,4		31,5		87,0											

(Continued)

TABLE 14 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total part- time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total			
	N	%	N	%	N	%	N	%	N	%	N	%		
Asians	19	26,0	1	33,3	19	25,0	1	33,3	1	33,3	20	25,3	5,0	
Medical specialist	54	74,0	2	66,7	55	72,4	2	66,7	2	66,7	57	72,2	3,5	
General medical practitioner					2,6	100,0					2	2,5		
Registered nurse														
SUBTOTAL	N %	73 92,4	100 3,8	96,2	100	3,9	100	3,8	100	3,8	100	3,8		
Blacks	17	8,7	1	16,7	17	8,5	1	1,2	10	33,3	9,1	27	11,6	
Medical specialist	81	41,5			82	40,8			20	66,7	22	68,8	37,0	
General medical practitioner	40	20,5			40	19,9			2	100,0			21,2	
Registered nurse:					1	0,5								
(a) General	1	0,5			1	0,5								
(b) Maternity	1	0,5			1	0,5								
(c) Psychiatric	1	0,5			38	13,9	22	10,9	22,7					
(D) Dentist	17	8,7	5	83,3	22	10,9								
Other														
SUBTOTAL	N %	195 83,7	100 2,6	100 86,3	201	100	3,0	30	100	2	100	6,3	233	
TOTAL	N %	319 79,0	38 9,4	88,4	357	10,6	45	12,9	100	0,9	13,7	100	13,7	
(d) Whites in supplementary medical practices														
Medical specialist	1	1,2			1	1,0			2	2,5	2	2,4	3	
Registered nurse:	1	1,2			1	1,0			46	56,8	46	56,0	47	
(a) General	1	1,2			1	1,0			1	1,2	1	0,6	97,9	
(b) Maternity					1	0,5			3	3,7	3	1,7	100,0	
Dentist	1	1,2			60	62,5	10,0	19	23,5	1	100,0	24,4	5,0	0,6
Counselling psychologist	54	63,5	6	54,5	2	2,1	50,0	20,0	1	1,2	1	1,2	44,9	
Pharmacist	1	1,2	1	9,1	5	5,2	20,0		1	1,2	1	1,2	25,0	
Physiotherapist	54	63,5	6	54,5	1	1,0			20	44,9	80	44,9		
Masseur	4	4,7	1	9,1	5	5,2					2	1,1		
Occupational therapist														
Dietitian														
Speech therapist	2	2,4			2	2,1			1	1,2	1	1,2	0,6	
Radiographical therapist	7	8,2			7	7,3			8	9,9	8	9,8	100,0	
Diagnostic radiographer														
Orthopaedic orthotist	1	1,2			1	1,0			1	1,2	1	1,2	12,5	
Audiometrist	3	3,5	4	4,7	4	4,2			8	9,9	4	4,5	4,5	
Optometrist	4	4,7	3	3,5	6	6,3	50,0				6	3,4	3,4	
Oral hygienist	3	3,5	3	27,3	1	1,0					1	0,6	0,6	
Orthoptist	1	1,2			1	1,0					1	0,6		
Spectacle-maker														
TOTAL	N %	85 47,8	100 6,2	96 53,9	100	11,5	81	100	1	100	46,1	178	100	46,1

(e) Non-Whites in supplementary medical practices

TABLE 14 (CONTINUED)

Occupation	Full-time posts						Part-time posts						Total	% part-time posts		
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%	Vacant posts	%		
Coloureds																
Registered nurse (general)	3	75,0					1	9,1			5	45,5		5	33,3	
Maternity			3	75,0					1	9,1			1	6,7		
Oral hygienist													3	20,0		
Asians																
Physiotherapist	1	25,0			1	25,0										
Blacks																
Registered nurse:																
(a) General																
(b) Maternity																
TOTAL	N	4	100		4	100	26,7		11	100		11	100	15	100	
	%	26,7					73,3					73,3			73,3	
(f) Whites in dental practices																
Medical specialists																
General medical practitioner	2	0,2			2	0,1			3	1,7		3	1,6	3	0,2	
Registered nurse (general)	637	48,7	8	18,6	645	47,7	1,2	11	6,1		11	5,8		2	0,1	
Dentist	46	3,5	1	2,3	47	3,5	2,1	59	32,6	3	33,3	62	32,6	11	0,7	
Dental specialist	2	0,2	1	2,3	3	0,2	33,3	13	7,2			13	6,8	4,8	0,7	
Pharmacist														60	45,9	
Dental therapist														3	8,8	
Radiographical therapist	1	0,1			1	0,1									3	21,7
Diagnostic radiographer	1	0,1			1	0,1									0,2	
Medical technologist	1	0,1			1	0,1									0,1	
Oral hygienist	44	3,4	8	18,6	52	3,8	15,4	22	12,2	6	66,7	28	14,7	1	0,1	
Dental mechanician	126	9,6	17	39,5	143	10,6	11,9	33	18,2	33	17,4	176	11,4	80	35,0	
Dental assistant	447	34,2	8	18,6	455	33,7	1,8	39	21,5	39	20,5	494	32,1	1	18,8	
Other	1	0,1			1	0,1								1	7,9	
TOTAL	N	1308	100	43	100	1351	100	3,2	181	100	9	190	4,7	1541	100	
	%	84,9		2,8		87,7		11,7		0,6		12,3			12,3	

(Continued)

(g) Non-Whites in dental practices

TABLE 14 (CONTINUED)

Occupation	Full-time posts						Part-time posts						% part-time posts	
	Occupied		Vacant		Total		Occupied		Vacant		Total			
	N	%	N	%	N	%	N	%	N	%	N	%		
Coloureds														
Oral hygienist	1	2,8			1	2,8					1	2,7		
Dental mechanician	8	22,2			8	22,2					8	21,6		
Dental assistant	27	75,0			27	75,0					28	75,7	3,6	
SUBTOTAL	N 36	100			36	100					37	100	2,7	
Asians														
Dental mechanician	2	22,2			2	22,2					2	2,2		
Dental assistant	7	77,8			7	77,8					7	77,8		
SUBTOTAL	N 9	100			9	100					9	100		
Blacks														
Dental specialist	3	6,1			3	6,1					3	5,1		
Dental mechanician	36	73,5			36	73,5					43	72,9		
Dental assistant	10	20,4			10	20,4					13	22,0	16,3	
SUBTOTAL	N 49	100			49	100					10	100	23,1	
TOTAL	N 94				94						16,9		16,9	
(h) Whites in wholesale and retail pharmacies														
Medical specialist	8	0,4			8	0,4					1	0,3		
General medical practitioner	18	1,0	1	1,8	19	1,0	5,3	8	2,4		8	2,3		
Registered nurse:														
(a) General	23	1,3			23	1,2					1	0,3		
(b) Maternity	7	0,4	1	1,8	8	0,4	12,5	1	0,3		24	1,1	4,2	
Counselling psychologist	2	0,1			2	0,1					8	0,4		
Industrial psychologist	1	0,1			1	0,1					2	0,1		
Pharmacist	1677	91,6	53	93,0	1730	91,7	3,1	294	89,6	27	100,0	321	91,5	
Apprentice pharmacist	18	1,0			18	1,0	1,0	19	5,8		19	5,4	37	
Dietitian	1	0,1	1	1,8	1	0,1	0,1	100,0			1	0,3	1	
Speech therapist	22	1,2	1	1,8	23	1,2	4,3	1	0,3		24	1,1	4,2	
Medical technologist	37	2,0			37	2,0					37	1,7		
Silo technician	2	0,1			2	0,1					5	0,2		
Optometrist														

(Continued)

TABLE 14c (CONTINUED)

Occupation	Full-time posts						Part-time posts						% part-time posts			
	Occupied		Vacant		Total		Occupied		Vacant		Total					
	N	%	N	%	N	%	N	%	N	%	N	%				
Audiometrist	1	0,1			1	0,1	1	0,3			1	0,3	2	0,1		
Oral hygienist	1	0,1			1	0,1					1		3	2,2		
Orthoptist	1	0,1			1	0,1					1		2	1,4		
Veterinary surgeon	11	0,6			11	0,6					11		11	0,5		
TOTAL	N 1830	100	57	100	1887	100	3,0	328	100	27	100	355	100	7,6		
	% 81,6		2,5		84,2		14,6		1,2		15,8		2242	100	15,8	
													100			
(i) Non-Whites in wholesale and retail pharmacies																
Coloureds																
Pharmacist	124	96,9	1	100,0	125	96,9		8	88,9		8	88,9	133	96,4		
Apprentice pharmacist	2	1,6			2	1,6		1	11,1		1	11,1	3	2,2		
Sito technician	2	1,6			2	1,6							2	1,4		
SUBTOTAL	N 128	100	1	100	129	100		9	100		9	100	138	100	6,5	
Asians																
Pharmacist	58	85,3	1	100,0	59	85,5		1,7	10	100,0		10	100,0	69	87,3	
Sito technician	10	14,7			10	14,5							10	12,7	14,5	
SUBTOTAL	N 68	100	1	100	69	100		10	100		10	100	79	100	12,7	
Blacks																
Registered nurse (general)	2	1,0	6	100,0	210	98,6		2,9	13	100,0	1	100,0	7,1	224	0,9	
Pharmacist	204	98,6	1	0,5	1	0,5							1	98,7	6,3	
Apprentice pharmacist																
SUBTOTAL	N 207	100	6	100	213	100		2,8	13	100	1	100	7,1	227	100	6,2
TOTAL	N 403	100	8	100	93,8	100		5,7	1,4	100	6,2	100	3,0	444	100	7,4
	% 90,8		,8		92,6		1,9	3,2	1		33		3,0			
								7,2	0,2		7,4					

APPENDIX 2

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VRAEELYS AAN HOSPITALE, STAATSDEPARTE-
MENTE, MUNISIPALITEITE EN ANDER PLAASLIKE
OWERHEDE, PRIVAAT ORGANISASIES EN
KLINIEKE

QUESTIONNAIRE TO HOSPITALS, GOVERNMENT
DEPARTMENTS, MUNICIPALITIES AND OTHER
LOCAL AUTHORITIES, PRIVATE ORGANIZATIONS
AND CLINICS

PROJEK MM104

PROJECT MM104

L.W. Lees asseblief die aanwysings noukeurig
deur voordat u die vraelys invul.

- 1 Verstrek die inligting soos van toepassing op 1 Maart 1979.
- 2 Met "INSTELLING" word bedoel alle hospitale, inrigtings, skole, organisasies (soos plaaslike owerhede, vroueverenigings, kerke, klinieke) wat gesondheidsdienste lewer.
- 3 Indien u twee of meer instellings onder u beheer het moet 'n afsonderlike vraelys vir elkeen ingevul word.
- 4 Munisipaliteite vul net een vraelys in vir die gebied onder beheer.
- 5 Indien u addisionele vraelyste verlang of probleme met die invul ondervind kan een van die persone wat in die briefhoof vermeld is telefonies of skriftelik genader word.

N.B. Please read the instructions carefully before completing the questionnaire.

- 1 Supply the information as applicable at 1 March 1979.
- 2 "ESTABLISHMENT" denotes all hospitals, institutions, schools, organizations (such as local authorities, women's associations, churches, clinics) which provide health services.
- 3 If there are two or more establishments under your control, a separate questionnaire should be completed for each one.
- 4 Municipalities should complete only one questionnaire for the region under control.
- 5 If you require additional questionnaires or experience problems in completing them, one of the persons mentioned in the letterhead may be approached by telephone or in writing.

Kantoorgebruik
Office use

--	--	--	--

1 – 4

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5 – 8

1 NAAM VAN INSTELLING
NAME OF ESTABLISHMENT

2 POSADRES
POSTAL ADDRESS

POSKODE
POSTAL CODE

3 ONDER DIE BEHEER VAN WATTER WERKGEWER(S) RESSORTEER DIE
INSTELLING TEN OPSIGTE WAARVAN DIE VRAEELYS INGEVUL WORD?
(Merk met X waar van toepassing)

UNDER THE CONTROL OF WHAT EMPLOYER(S) DOES THE ESTABLISHMENT
FOR WHICH THE QUESTIONNAIRE IS BEING COMPLETED, FALL?
(Mark with an X where applicable)

Staatsdepartement van die RSA:

Government department of the RSA

Departement van Gesondheid

Department of Health

01

Departement van Vdediging

Department of Defence

02

Departement van Nasionale Opvoeding

Department of National Education

03

Departement van Volkswelsyn en Pensioene

Department of Social Welfare and Pensions

04

Departement van Gevangenis

Department of Prisons

05

Departement van Landbou-tegniese dienste

Department of Agricultural Technical Services

06

Ander departement (spesifieer)

Other department (specify)

Provinciale administrasie:

Provincial Administration

Transvaalse Provinciale Administrasie

Transvaal Provincial Administration

07

Kaaplandse Provinciale Administrasie

Cape Provincial Administration

08

Natalse Provinciale Administrasie

Natal Provincial Administration

09

Provinciale Administrasie van die Oranje Vrystaat

Provincial Administration of the Orange Free State

10

Munisipaliteit of ander plaaslike owerheid:

Municipality or other local authority

Naam van owerheid

Name of authority

Openbare korporasie bv. YSKOR, SASOL

(Mediese bystands fondse wat onder die korporasie ressorteer word hierby ingesluit):

Public corporation e.g. ISCOR, SASOL

(Medical aid funds falling under the corporation are included here):

Spesifiseer watter korporasie

Specify which corporation
.....

Landbouproduktebeheerraad bv. Mielieraad, Vleisraad

Agricultural products control board e.g. Maize Board,

Meat Board

Spesifiseer watter raad

Specify which Board

Suid-Afrikaanse Spoorweë, Hawens en Lugdiens:

South African Railways, Harbours and Airways

11

Tuislandregeringdienste:

Homeland government services

Spesifiseer watter tuisland

Specify which homeland

Privaatwerkgewers:

Private employers

Mynmaatskappy

Mining Company

12

Sending van 'n kerk (spesifiseer werkgewer)

Church mission (specify employer)

.....

Privaathospitaal (spesifiseer werkgewer)

Private hospital (specify employer)

.....

Ander (spesifiseer werkgewer)

Other (specify employer)

.....

.....

Ander werkgewer nie elders geklassifiseer nie

Other employer not classified elsewhere

Spesifiseer

Specify

9 - 10

4 SOORT INSTELLING: (Dui met 'n X die kategorie aan waaronder die instelling ressorteer)

TYPE OF ESTABLISHMENT: (Indicate with an X the category under which the establishment falls)

Gesondheidsdepartement van 'n munisipaliteit of ander plaaslike owerheid

Health department of municipality or other local authority

01

4	SOORT INSTELLING (vervolg) TYPE OF ESTABLISHMENT (continued)	Kantoorgebruik Office use
	Sentrale administrasie van 'n staatsdepartement of provinsiale administrasie Central administration of a Government department or provincial administration	02
	Gesondheidskliniek (plaaslike owerhede uitgesluit) bv. gesinsbeplanningskliniek, voor- en nageboortekliniek Health clinic (excluding local authorities) e.g. family planning clinic, prenatal and post-natal clinic	03
	Spesiale kliniek, bv. vir verslaafdes Special clinic, e.g. for addicts	04
	Kinderleidingkliniek aan 'n universiteit Child guidance clinic at a university	05
	Ouetehuis Old people's home	06
	Rehabilitasiesentrum Rehabilitation centre	07
	Veiligheidsplek en plek van bewaring Place of safety and detention	08
	Nywerheidsskool Industrial school	09
	Opleidingsentrum (Dept. van Nasionale Opvoeding) Training centre (Dept. of National Education)	10
	Skool (Dept. van Nasionale Opvoeding) School (Dept. of National Education)	11
	HOSPITAAL: HOSPITAL	
	Algemene hospitaal General hospital	12
	Psigiatriese hospitaal Psychiatric hospital	13
	Hospitaal vir swaksinniges Hospital for the mentally defective	14
	Hospitaal vir die behandeling van aansteeklike siektes, bv. tuberkulose, veneriese siektes, leprose Hospital for the treatment of contagious diseases, e.g. tuberculosis, venereal diseases, leprosy	15
	Kraamhospitaal Maternity hospital	16
	Daghospitaal Day hospital	17
	Ander instelling nie hierbo genoem nie: Other establishment not mentioned above	
	Spesifiseer Specify	

11 – 12

- 5 Indien die instelling nie deur 'n staatsdepartement, provinsiale of plaaslike owerheid beheer word nie, toon aan onder watter een van die volgende kategorieë die instelling ressorteer:

If the establishment is not controlled by a Government department, Provincial or Local authority, indicate under which one of the following categories it falls:

Privaatbeheer, Staatsondersteund
Private control, State-subsidised

 1

Privaatbeheer, deur 'n provinsiale administrasie geondersteun
Private control, subsidised by a Provincial Administration

 2

Privaatbeheer, geen ondersteuning van die Staat of 'n provinsiale administrasie nie
Private control, no State or Provincial Administration subsidy

 3

- 6 Maak die instelling waarvoor die vreelys ingevul word voorsiening vir die opname van pasiënte/inwonende leerlinge/inwoners (bv. outhuise)?

Does the establishment for which the questionnaire is being completed make provision for the admission of patients/resident pupils/residents (e.g. old people's homes)?

Ja, maar het nie oornagfasiliteite nie
Yes, but does not have overnight facilities

 1

Ja, het oornagfasiliteite
Yes, has overnight facilities

 2

Nee
No

 3

Indien "JA" (dit wil sê indien u 1 of 2 hierbo gemerk het) dui in kolom A aan vir hoeveel beddens die instelling opgerig is (alle geboue wat tans in gebruik is) en hoeveel beddens gemiddeld gebruik word (in Kolom B)

If "YES" (i.e. if you have marked 1 or 2 above) indicate in column A the number of beds for which the establishment was built (all buildings used at present) and the average number of beds used (in Column B)

	Kolom/Column A	Kolom/Column B
Blank/White		
Kleurling/Coloured		
Asiër/Asian		
Swart/Black		
Totaal/Total		

15–18
19–22
23–26
27–30
31–34
35–38
39–42
43–46
47–50
51–54

7 PERSONEELSITUASIE (MOET DEUR ALLE WERKGEWERS INGEVUL WORD)

Verstrek besonderhede van die personeel van die instelling ten opsigte waarvan die vraelys ingevul word en van die getal vakature soos in die onderstaande tabel verlang word. U hoef nie "nulle" in te vul in ruimtes wat nie van toepassing op die instelling is nie.

L.W. Met die term **voltyds** word bedoel **voltydse aanstelling** insluitende gesamentlike aanstelling.

Met die term **deeltjds** word bedoel **deeltjds aanstelling** insluitende sessie-aanstelling.

Die vraelys maak nie voorsiening vir verskillende range in 'n beroep nie en persone van al die range moet teenoor die beroep aangedui word, bv. Ge-sondheidsinspekteur, senior-, hoof-gesondheids-inspekteur word almal in die kategorie "Gesondheidsinspekteur" aangedui.

Wanneer 'n persoon in meer as een van die beroepe funksioneer moet hy/sy slegs teenoor EEN BEROEP aangedui word.

Aan die einde van die tabel is ruimte gelaat vir moontlike ander gesondheidsdiensberoewe wat nie in die tabel ingesluit is nie.

7 PERSONNEL SITUATION (TO BE COMPLETED BY ALL EMPLOYERS)

Supply particulars of the personnel of the establishment in respect of which the questionnaire is being completed and the number of vacancies, as required in the table below. You need not fill in "noughts" in spaces that are not applicable to the establishment.

N.B. The term **full-time** denotes **full-time appointment**, including combined appointment.

The term **part-time** denotes **part-time appointment**, including session appointment.

The questionnaire does not make provision for various ranks in an occupation and persons of all the ranks must be indicated opposite the occupation, e.g. Health Inspector, Senior Health Inspector and Chief Health Inspector are all indicated in the category "Health Inspector".

In cases where a person functions in more than one of the occupations, he/she should be indicated opposite ONE OCCUPATION only.

Space is provided at the end of the table for health service occupations not included in the list.

Kantoorgebruik Office use
M104
75–78
01
79–80
Rek. nr.
1 – 4

Wh/B1 = White/Blank
 C/K1 = Coloured/Kleurings
 A1 = Asian/Azië
 B/Sw = Black/Swart
 F/V = Full-time/Voltyds
 P/D = Part-time/Deltyds

OCCUPATION/BEROEP												Average number of occupied posts plus vacancies/Gemiddelde getel gewende poste plus vakanteres												1 March/Maart 1979											
1975						1976						1977						1978						Occupied posts/Gewende posse						Vacancies/Vakanteres					
	Wh/B1	C/K1	A1	B/Sw	F/V		Wh/B1	C/K1	A1	B/Sw	F/V		Wh/B1	C/K1	A1	B/Sw	Wh/B1	C/K1	A1	B/Sw	Wh/B1	C/K1	A1	B/Sw	Wh/B1	C/K1	A1	B/Sw	Card No. Krt. nr.						
Medical Specialist	F/V	001																																	
Medische specialist	P/D	002																																	
General Medical Practitioner/Algemene medische praktisyn/banopte	F/V	003																																	
medische praktisyn/banopte	P/D	004																																	
Intern (medical)/(medics)	F/V	005																																	
	P/D	006																																	
Clinical assistant	F/V	007																																	
Kliniese assistent	P/D	008																																	
Bio-engineer	F/V	009																																	
Bio-ingénieur	P/D	010																																	
Registered nurse /Geregistreerde verpleegster	F/V	011																																	
a) General	P/D	012																																	
Algemeen																																			
b) Midwife	F/V	013																																	
Vroudevrouw	P/D	014																																	
c) Psychiatric	F/V	015																																	
Psychiatrie	P/D	016																																	
d) Health nurse/Health visitor/ Gezondheidspersoneel/Gesondheids- bezoeker/Gemeenschapsgezondheids- verpleegster	F/V	017																																	
	P/D	018																																	
Student nurse/ Student-verpleegster	F/V	019																																	
	P/D	020																																	
Column number/kolomnummer	5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-28	30-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54	55-57	58-59	60-62	63-65	66-68	69-70	71-73	75-80									

Wh Bi = White/Blank
 C/I/KI = Coloured/Kleuring
 A/S = Asian/Aster
 B/Sw = Black/Swart
 F/V = Full-time/Voltyds
 P/D = Part-time/Deeltijds

OCCUPATION/BEREID	Average number of occupied posts plus vacancies/Gemiddelde getal gevulde posten plus vacatures												1 March/Maart 1979														
	1975				1976				1977				1978				Occupied posts/Gevulde posten				Vacancies/Vakaturen						
	Wh/Bi	C/I/KI	A/S	B/Sw	Wh/Bi	C/I/KI	A/S	B/Sw	Wh/Bi	C/I/KI	A/S	B/Sw	Wh/Bi	C/I/KI	A/S	B/Sw	Wh/Bi	C/I/KI	A/S	B/Sw	Wh/Bi	C/I/KI	A/S	B/Sw			
Enrolled nurse Ingenieur verpleegster	F/V P/D	021 022																									
Pupil nurse Leerling-verpleegster	F/V P/O	023 024																									
Enrolled nursing assistant	F/V	025																									
Investigative verpleeg assistant	P/D	026																									
Nursing assistant (old people's home)	F/V	027																									
Verpleegassistant (ouderhuis)	P/D	028																									
Dentist	F/V	029																									
Tandarts	P/D	030																									
Dental Specialist	F/V	031																									
Tandheelkundige specialist	P/D	032																									
Clinical Psychologist	F/V	033																									
Klinische sielkundige	P/D	034																									
Clinical Psychologist (intern)	F/V	035																									
Klinische sielkundige (intern)	P/D	036																									
Counselling Psychologist/ Vocational Counsellor	F/V	037																									
Voorlichting sielkundige/ Beroepsadviseur	P/D	038																									
Counselling Psychologist (intern)	F/V	039																									
Voorlichting sielkundige (intern)	P/D	040																									
Educational Psychologist/ Teacher Psychologist	F/V	041																									
Opvoedkundige sielkundige/ Onderwijzer/sielkundige	P/D	042																									
Pharmacist/Arteker	F/V	043																									
Apprentice pharmacist	P/D	044																									
Apprentice pharmacist	F/V	045																									
Leerling-apteker	P/D	046																									
Column number/Kolomnummer	5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-28	29-30	31-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54	55-57	58-59	60-62	63-65	66-68	69-70	71-73	79-80

Wh/B = White/Blank
 C/K = Coloured/Kleurloos
 A/S = Asian/Azië
 B/Sw = Black/Swart
 F/V = Full-time/Voltime
 P/D = Part-time/Deeltijd

OCCUPATION/BEROEP	Average number of occupied posts plus vacancies/Gemiddelde getel gebruikte posten plus leegstaan-												OFFICE USE KANTOOR- GEBRUIK					
	1975				1976				1977				1978				Occupied posts/Gebruikte posten	
	Wh/B	C/K	A/S	B/Sw	Wh/B	C/K	A/S	B/Sw	Wh/B	C/K	A/S	B/Sw	Wh/B	C/K	A/S	B/Sw	Wh/B	C/K
Physiotherapist (qualified)	F/V	047																
Physiotherapist (student)	P/D	048																
Physiotherapist (student)	F/V	049																
Physiotherapist (student)	P/D	050																
Masseur	F/V	051																
Remedial Gymnast	F/V	052																
Remedial Gymnast	P/D	054																
Occupational therapist (qualified)	F/V	055																
Arbeitstherapeut (gekwalificeerd)	P/D	056																
Occupational therapist (student)	F/V	057																
Arbeitstherapeut (student)	P/D	058																
Dietitian, Food Scientist, Nutrition Scientist	F/V	059																
Diert., voedse., veding,undige (in opleiding)	P/D	060																
Dietitian, Food, Scientist, Nutrition Scientist (in training)	F/V	061																
Diert., voedse., veding,undige (in opleiding)	P/D	062																
Speech and Hearing therapist	F/V	063																
Spraak- en gehoorheelkundige	P/D	064																
Dental therapist	F/V	065																
Tandtherapeut	P/D	066																
Radio-graphical therapist (qualified)	F/V	067																
Radio-graphical therapist (gekwalificeerd)	P/D	068																
Radio-graphical therapist (student)	F/V	069																
Radio-graphical therapist (student)	P/D	070																
Column number/Kolomnummer	5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-29	30-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54

Wh/Bl = White/Blank
 Cl/Kl = Coloured/Kleurloos
 A/s = Asten/Aster
 B/Sw = Black/Sort
 F/V = Full-time/Volttidig
 P/D = Part-time/Deltydig

OCCUPATION/BEROEP	Average number of occupied posts plus vacancies/Gemiddelde getal gevulde posten plus vacatures												1 March/Maart 1979							
	1975				1976				1977				1978				Occupied posts/Gevulde posten			
	Wh/Bl	Cl/Kl	A/s	B/Sw	Wh/Bl	Cl/Kl	A/s	B/Sw	Wh/Bl	Cl/Kl	A/s	B/Sw	Wh/Bl	Cl/Kl	A/s	B/Sw	Wh/Bl	Cl/Kl	A/s	B/Sw
Diagnostic radiographer (qualified)	F/V	071																		
Diagnostic radiologist (student)	P/D	072																		
Diagnostic radiograaf (student)	F/V	073																		
Supplementary diagnostic radiographer (qualified)	P/D	074																		
Supplementary diagnostic radiographer (student)	F/V	075																		
Amputatiendiagnostische radiograaf (gekwalificeerd)	P/D	076																		
Amputatiendiagnostische radiograaf (student)	F/V	077																		
Medical social worker	F/V	078																		
Geneeskundige maatskaplike werker	P/D	080																		
Psychiatric social worker	F/V	081																		
Pagliatrise maatskaplike werker	P/D	082																		
Social worker (general)	F/V	083																		
Maatskaplike werker (algemeen)	P/D	084																		
Medicale technologist	F/V	085																		
Geneeskundige tegnoloog	P/D	086																		
Blood transfusion technician	F/V	087																		
Bloedontfangingsteknikus	P/D	088																		
Sirotechnician (laboratory technician)	F/V	089																		
Siroteknikus (laboratorium tegnikus)	P/D	090																		
Column number/Kolomnummer	5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-29	30-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54	55-57	58-59

Wh/B = White/Blank
 C/I/KI = Coloured/Kleuring
 A/S = Asian/Aster
 As = Average/Gemiddeld

OCCUPATION/BEROEP	Average number of occupied posts plus vacancies/Gemiddelde getal gevulde posten plus vacatures												1 March/Maart 1978													
	1975				1976				1977				1978				Occupied posts/Gevulde posten				Vacancies/Vakturen					
	Wh/B	C/I/KI	A/S	B/Sw	Wh/B	C/I/KI	A/S	B/Sw	Wh/B	C/I/KI	A/S	B/Sw	Wh/B	C/I/KI	A/S	B/Sw	Wh/B	C/I/KI	A/S	B/Sw	Wh/B	C/I/KI	A/S	B/Sw		
EEG technician E.E.G.-technicus	F/V P/D	091 092																								
Orthopaedic Orthotist/Prosthetist	F/V P/D	093 094																								
Orthopaedist/orotonist/prosthetist																										
Optometrist	F/V P/D	095 096																								
Optometris																										
Audiometristen Oudiemetrikus	F/V P/D	097 098																								
Mouth Hygienist	F/V P/D	099 100																								
Mondhygiënist																										
Orthodontist	F/V P/D	101 102																								
Ortophtis																										
Anesthetist's assistant	F/V P/D	103 104																								
Narkoseurs' assistant																										
Dental mechanician	F/V P/D	105 106																								
Tandwerklikundige																										
Health Inspector	F/V P/D	107 108																								
Gesondheidshygiëneur																										
Food inspector/Meat inspector/ Milk inspector/Water inspector	F/V P/D	109 110																								
Voedingsinspecteur/Vleisinspecteur/ Melkinspecteur/Waterninspecteur																										
Air pollution inspector	F/V P/D	111 112																								
Lugberiedeling/Inspecteur																										
Spectacle-maker	F/V P/D	113 114																								
Briloptiker																										
Veterinary surgeon	F/V P/D	115 116																								
Venearts																										
Industrial Psychologist (registered)	F/V P/D	117 118																								
Bedrijfsekunde/je (gezag.)																										
Industrial Psychologist (intern)	F/V P/D	119 120																								
Bedrijfsekunde (intern)																										
Other health service occupations not mentioned above. Specify:																										
Ander gezondheidsciencesberoep nie hierbo genomme nie. Specifieer:																										
Column number/Kolomnummer	5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-29	30-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54	55-57	58-59	60-62	63-65	66-68	69-70	71-73	79-80

APPENDIX 3

VRAELEYS AAN PRIVATE PROFESSIONELE GENEES-KUNDIGE EN AANVULLENDE GENEESKUNDIGE PRAKTYKE

PROJEK MM104

L.W. Lees asseblief die aanwysings noukeurig deur voordat u die vraelys invul.

1. Verstrek die inligting soos van toepassing op 1 Maart 1979.
2. Met "PRAKTYK" word bedoel alle mediese spesialiste, tandheelkundige spesialiste, algemene praktisyne, tandartse, sielkundiges, fisioterapeute, arbeidsterapeute, ens.

1. Naam van PRAKTYK
Name of PRACTICE
2. Posadres
Postal address
3. Soort PRAKTYK (bv. Mediese spesialis — pediatrics, algemene praktyk, fisioterapeut, ens.)
Type of PRACTICE (e.g. Medical specialist — paediatric, general practitioner, physiotherapist, etc.)
.....

PERSONEELSITUASIE (MOET DEUR ALLE WERK-GEWERS INGEVUL WORD)

Verstrek besonderhede van die personeel van die instelling ten opsigte waarvan die vraelys ingevul word en van die getal vaktures, soos in die onderstaande tabel verlang word. U hoef nie "nulle" in te vul in ruimtes wat nie van toepassing op die instelling is nie.

L.W. Met die term voltyds word bedoel voltydse aanstelling insluitende gesamentlike aanstelling.

Met die term deeltjys word bedoel deeltjysde aanstelling insluitende sessie-aanstelling.

Die vraelys maak nie voorsiening vir verskillende range in 'n beroep nie en die getal van alle range moet teenoor die beroep aangedui word.

Wanneer 'n persoon in meer as een van die beroepe funksioneer moet hy/sy slegs by EEN BEROEP aangedui word.

Aan die einde van die tabel is ruimte gelaat vir moontlike ander gesondheidsdiensberoep wat nie in die tabel ingesluit is nie.

Die hoof en/of vennote van die praktyk moet ingesluit word in die personeellys, bv. 'n praktyk waarin drie algemene praktisyne vennote is, sal in die kategorie "algemene praktisyn" die getal 3 invul.

QUESTIONNAIRE TO PRIVATE PROFESSIONAL MEDICAL AND AUXILIARY MEDICAL PRACTICES

PROJECT MM104

N.B. Please read the instructions carefully before completing the questionnaire.

1. Supply the information as applicable at 1 March 1979.
2. "PRACTICE" denotes all medical specialists, dental specialists, general practitioners, dentists, psychologists, physiotherapists, occupational therapists, etc.

Kantoorgebruik Office use			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1 – 4			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 – 8			
<input type="checkbox"/>	<input type="checkbox"/>		
9 – 10			

PERSONNEL SITUATION (TO BE COMPLETED BY ALL EMPLOYERS)

Supply particulars of the personnel of the establishment in respect of which the questionnaire is being completed and the number of vacancies, as required in the table below. You need not fill in "noughts" in spaces that are not applicable to the establishment.

N.B. The term full-time denotes full-time appointment, including combined appointment.

The term part-time denotes part-time appointment, including session appointment.

The questionnaire does not make provision for various ranks in an occupation and the number of all ranks must be indicated opposite the occupation.

In cases where a person functions in more than one of the occupations, he/she should be added opposite ONE OCCUPATION only.

Space is provided at the end of the table for health service occupations not included in the list.

The head and/or associates of the practice must be included in the personnel list, e.g. a practice in which three general practitioners are associates will have to fill in the number 3 in the category "general practitioner".

Wh/Bl	= White/Blank	B/Sw	= Black/Swart
Ci/Ki	= Coloured/Kleuring	F/V	= Full-time/Voltyds
As	= Asian/Aziér	P/D	= Part-time/Deeltyds

Wh/Bi = White/Blank
 C/I/KI = Coloured/Kleurling
 As = Asian/Asier
 F/V = Full-time/Voltyds
 P/D = Part-time/Deeltyd

OCCUPATION/BEROEP	Average number of occupied posts plus vacancies/Gemiddelde aantal gevulde poste plus vaktures												1 March/Maart 1979													
	1975				1976				1977				1978				Occupied posts Gevulde poste				Vacancies/Vaktures				Office use Kantoorgebruik	
	Wh/Bi	C/I/KI	As	B/Sw	Wh/Bi	C/I/KI	As	B/Sw	Wh/Bi	C/I/KI	As	B/Sw	Wh/Bi	C/I/KI	As	B/Sw	Wh/Bi	C/I/KI	As	B/Sw	Wh/Bi	C/I/KI	As	B/Sw	Kartonnemmer	
Physiotherapist (qualified)	F/V	027																								
Physiotherapeut (gekwalificeerd)	P/D	028																								
Masseur	F/V	029																								
Masseur	P/D	030																								
Flemedical gymnast	F/V	031																								
Flemedierende gymnas	P/D	032																								
Occupational therapist (qualified)	F/V	033																								
Arbeidsterapeut (gekwalificeerd)	P/D	034																								
Dietitian, food scientist, nutrition scientist	F/V	035																								
Dieret, voed- en, voedingkundige	P/D	036																								
Speech and hearing therapist	F/V	037																								
Spreek- en gehoorheelkundige	P/D	038																								
Dental therapist	F/V	039																								
Tandterapeut	P/D	040																								
Radiographical therapist (qualified)	F/V	041																								
Radiografiese terapeut (gekwalificeerd)	P/D	042																								
Diagnostic radiographer (qualified)	F/V	043																								
Diagnoseuse radiografis (gekwalificeerd)	P/D	044																								
Medical technologist	F/V	045																								
Geneeskundige tegnoloog	P/D	046																								
Sitotechnician (laboratory technician)	F/V	047																								
Stotegnikus (laboratorium tegnikus)	P/D	048																								
E.E.G. technician	F/V	049																								
E.E.G.-tegnikus	P/D	050																								
Orthopaedic orthotist/Prosthetist	F/V	051																								
Ortopediese ortotis/Proteotis	P/D	052																								
Column number/Kolomnummer		5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-29	30-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54	55-57	58-59	60-62	63-65	66-68	69-70	71-73
																										79-80

Wh/Bi = White/Blank
 Cl/KI = Coloured/Kleurling
 B/Sw = Black/Swart
 F/V = Full-time/Voltyds
 P/D = Part-time/Deeltyd
 As = Asian/Asier

OCCUPATION/BEREOP	Average number of occupied posts plus vacancies/Gemiddelde aantal gevulde posten plus vakturen												1 March/Maart 1979													
	1975				1976				1977				1978				Occupied posts Gevulde poste		Vacancies/Vaktures							
	Wh/Bi	Cl/KI	As	B/Sw	Wh/Bi	Cl/KI	As	B/Sw	Wh/Bi	Cl/KI	As	B/Sw	Wh/Bi	Cl/KI	As	B/Sw	Wh/Bi	Cl/KI	As	B/Sw						
Optometrist	F/V	053																								
Optometris	P/D	054																								
Audiometriekian	F/V	055																								
Oudiometriekus	P/D	056																								
Mouth hygienist	F/V	057																								
Mondhygiënis	P/D	058																								
Orthoptist	F/V	059																								
Ortopits	P/D	060																								
Anaesthetist's assistant	F/V	061																								
Narkotiseurs-assistant	P/D	062																								
Dental mechanician	F/V	063																								
Tandwerktaakdige	P/D	064																								
Dental assistant	F/V	065																								
Tandheelkundige assistant	P/D	066																								
Spectacle-maker	F/V	067																								
Brijlmaker	P/D	068																								
Other health service occupations not mentioned above. Specify:																										
Andere gezondheidsdienstberoepte die hierboven genoemd nie. Specifiseer:																										
	F/V	069																								
	P/D	070																								
	F/V	071																								
	P/D	072																								
	F/V	073																								
	P/D	074																								
Column number/Kolomnummer	5-7	8-10	11-13	14-15	16-18	19-21	22-24	25-26	27-29	30-32	33-35	36-37	38-40	41-43	44-46	47-48	49-51	52-54	55-57	58-59	60-62	63-65	66-68	69-70	71-73	79-80

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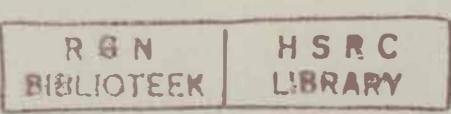
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