TOWN COUNCIL OF BENONI

Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR
1ST OF JULY, 1948 – 30TH OF JUNE, 1949

McL.259

To His Worship the Mayor,
and Members of the Town Council of Benoni.

Your Worship, Councillor (Mrs.) Mc. Dowell,
and Gentlemen,

I have the honour once more, to present to you the Annual Report on the activities of the Health Department for the year ended 30th June, 1949.

The steady improvement in health and sanitary conditions, noted last year, continues to be maintained. Though much remains to be done, more especially as regards housing in particular, the present records prove that a handsome return, in the saving of lives and the reduction of preventable and crippling illness, is accruing to our town as the result of the endeavours of this department to provide Benoni with an efficient and organised health service.

I wish to express my thanks and appreciation to Your Worship and Councillors, in particular the Chairman (Councillor L. Kent) and members of the Public Health Committee for their assistance, support and consideration on all matters submitted to them during the year.

To the Town Clerk and his Staff, and to the Heads and Staff of other departments, I desire to express the Department's thanks for their continued assistance at all times.

Finally I desire to place on record the eager activity displayed by all members of the Public Health Department in carrying out the Department's motto - "Through Education To Health" - with unflagging zeal throughout the year.

I have the honour to be,
Lady and Gentlemen,
Your obedient servant,

S.W. Adler.

MEDICAL OFFICER OF HEALTH.

REPORT "A"

1. VITAL STATISTICS

(1) POPULATION (Pages 15 and 16)

The population figures have been supplied by the Director, Union Department of Census and Statistics, and shew increases for every race, particularly Non-Mining Natives. As these figures are an estimate, based on the last quinquiennial census, and based on natural increase only, the census to be held next year will undoubtedly show a great overall increase in the population figures for Benoni, as the result of many persons taking up residence in Benoni owing to the call of industry established in Benoni. The following table reflects the natural increase in population over the past three years despite the continuously decreasing number of natives employed on the mines:-

	1944/45	1945/46	1946/47	1947/48	1948/49
Europeans	24,207	24,207	24,700	25,025	25,400
Mining Natives	27,500	20,754	19,329	17,927	15,104
Non Mining Natives	24,468	24,468	26,871	28,593	34,871
Coloured	2,536	2,536	2,700	2,820	2,910
Asiatic	1,228	1,228	1,200	1,170	1,195
Total : All Non-European	55,732	48,986	50,100	50,516	54,080
Total : All Races	79,939	73,193	74,800	75,535	79,480

(ii) BIRTHS (Pages 16 and 17)

The European birth rate shews a decline compared with the previous year (28.77) but nevertheless remains eminently satisfactory.

The Coloured and Asiatic birth rate remains high, being 40.21 and 55.23 respectively, whilst the Native birth rate continues fallacious owing to the continued incomplete registration of native births. The illegitimacy rate amongst Non-Europeans, which may be taken as an index of their squalid and crowded living conditions, with a consequent lack of the necessary segregation of the sexes, remains extremely high, one quarter of all native births registered being illegitimate.

(iii) DEATHS (Pages 18 to 27)

Whilst the European Death Rate has risen from 6.83 to 7.18, it may nevertheless be regarded as highly satisfactory.

A decrease is to be noted in the death rate for Non-Mining Natives, as compared with the preceding year (from 21.37 to 20.98). A decrease is also to be noted in the

Coloured Death Rate (from 21.98 to 20.96), as also in the Mining Native Death Rate (5.08 to 4.50), whilst the Asiatic Death Rate shews little change (18.80 to 18.35).

The following table reflects changes in Death Rates for various diseases over the past three years:-

	1946/47	1947/48	1948/49
Lung Diseases (Non T.B.)	3.33	4.47	3.79
Enteritis (under 2)	1.33	1.40	1.77
Violence	0.95	1.03	1.02
Enteric Fever	0.05	0.07	0.06
Heart Diseases	1.86	1.88	2.01
All Infectious Diseases	1.33	1.34	1.79
Cancer	0.45	0.53	0.48

(iv) INFANTILE MORTALITY

(Pages 28 and 29)

The European Infantile Mortality rate shews a most satisfactory decrease from 41.66 for the preceding year to 33.05 for the period under review. This may, in no small measure, be ascribed to the greatly increased activity of the Ante-Natal and Infant Welfare Clinics.

The Coloured and Asiatic Infantile Mortality Rates, remain high, whilst the Native figure continues to be unreliable owing to the incomplete registration of native births.

2. INFECTIOUS DISEASES. (Pages 30 to 37)

(i) GENERAL

The total number of accepted notifications for the year was 1,003 as compared with 1,006 for the preceding year, mainly due to the great increase the number of notifications received in respect of measles (from 395 to 534).

(ii) SCARLET FEVER (Page 34)

Of the 44 cases notified, all with the exception of one Asiatic case, were Europeans. As usual the disease manifested itself in a mild form, no fatalities occurring from this disease nor did any patient develop any of the usual expected complications. Patients were invariably isolated at home; in one or two instances, however, where the home conditions were unsatisfactory patients were isolated in hospital.

(iii) WHOOPING COUGH (Page 33)

179 Notifications in respect of whooping cough were received during the year. Six deaths (5 Native and 1 European) were recorded as having been due to whooping cough, though as stated in a previous report many deaths, undoubtedly due to whooping cough, must have occurred, the cause of death however, being given as Broncho-pneumonia, whilst deaths from this disease were particularly heavy during the "whooping cough season" viz. in the winter months, with its peak during July.

It is hoped that, as the result of immunising patients with Diphtheria cum Whooping Cough Vaccine, the incidence of this disease will be greatly lowered in the future.

(iv) MEASLES (Page 33)

Of the 534 cases of measles notified and accepted only one was fatal, in most instances the disease pursuing a very mild course. In a few cases however complications of a serious nature, notably broncho-pneumonia supervened, necessitating the patient being hospitalised.

(v) DIPHTHERIA (Page 34)

Only 16 cases of diphtheria (3 European, 12 Native and 1 Asiatic) occurred during the year, three of which (all Native) proved fatal.

All cases (including suspected cases) are isolated by hospitalisation.

Attendance at the Department's Immunisation Centre continues high, 485 children attending during the year, excluding a number who were immunised by private practitioners, the department continuing to supply vaccine free of charge. In addition 65 Native children were immunised during the year. As foreshadowed in the previous report the previous procedure of using "Anatoxine" has been replaced by using the combined Whooping Cough and Diphtheria vaccine.

Though the number of children immunised against diphtheria (485 at the centre and 81 by private medical practitioners out of a total of 696 births), it is nevertheless a sad commentary on the attitude of a number of parents who disregard all the pleadings of the department to safeguard the health of their children, by neglecting to have their children immunised. None of the children immunised have contracted the disease, all the cases recorded having occurred in non-immunised children.

(vi) PUERPERAL SEPSIS

During the year one European and one Native case, with no deaths, were notified.

(vii) C.S. MENINGITIS

The incidence of this disease remains high particularly amongst Mining Natives, 44 cases being notified amongst this section of the population during the year.

In all 70 cases, with 8 deaths were notified, giving a case mortality of 11.27%.

(viii) LEPROSY

No notifications in respect of this disease were received during the year.

(ix) ANTERIOR POLIOMYELITIS (Page 35)

During the year 10 cases of Poliomyelitis were notified. In all cases the disease pursued a mild course, no deaths supervened, and all patients made uninterrupted recoveries, except for one case with slight residual paralysis. In seven instances the cases were of a sporadic nature. The other three cases occurred simultaneously

amongst the boarders of a local girls' school on the day the school closed for the vacation. As a precautionary measure the other boarders, coming from widely scattered parts of the country, were not permitted to return home, but were isolated at school. No further cases occurred.

(x) ENTERIC FEVER (Page 35)

Seventeen cases of enteric fever were recorded during the year. Five cases proved fatal, giving a case mortality of 29.4%

Most of the cases (11) occurred during the usual seasonal period, November to March, and, as has been recorded on pervious occasions, the absence of an epidemic, in the face of the gross insanitary conditions prevailing in the location is a matter neither for congratulation nor consolation. That an epidemic is inevitable must be self evident as long as the present insanitary conditions in the location continue to prevail.

(xi) SMALL POX

Nine cases of small pox (including one European) were notified during the year.

The European case was in an unvaccinated child aged 10 months. This was an imported case, the child, previous to coming to Benoni, having recently been in contact with a patient suffering from the disease in another town on the reef.

A minor outbreak of small pox involving 3 Natives and 5 Asiatics, all unvaccinated, is to be reported. The history of this outbreak is extremely interesting, shewing the extent of the measures resorted to by those who, for religious or other reason, are not prepared to undergo vaccination. During May 1949, a not inconsiderable epidemic of small pox occurred in the Boksburg Asiatic Section, amongst an Indian Sect (Madrasses), who objected to vaccination on religious grounds, inasmuch as they (the Madrasses), being a sect of Hinduism, hold cows in veneration, and consequently object to being vaccinated with a vaccine passaged through this animal.

Owing to the proximity of the outbreak, which had assumed virulent form, mass vaccination was immediately instituted in Benoni. Subsequently three natives who, as far as could be traced, had visited friends or relations in Boksburg, and who escaped the net of vaccination, developed small pox. Some seven days after the outbreak at Boksburg, the Department was informed that some Indian children, believed to be suffering from the disease could not be found, and were believed to be in hiding with friends in Benoni. A systematic house to house search was immediately instituted. The missing children were not found, though the search revealed two cases belonging to different families, living in different portions of the Asiatic area, being discovered. All the inmates of these families were unvaccinated and were related to some of the cases discovered in Boksburg. In the townships area the search revealed nothing at first, until curiosity on the part of an official regarding a pile of bedclothes revealed the presence of the body of a young Indian baby secreted amongst the bedclothes. This child had died the previous day of confluent

small pox. Whilst rounding up the occupants, all of whom were unvaccinated, an Indian child was seen scampering down the street. On being caught this child was found carrying a baby, also suffering from the disease, which it was attempting to smuggle away. During the intensive search of the house these children had been hidden in the fire-place. All the contacts were quarantined and vaccinated and subsequently one further case of small pox occurred in this family.

During this period, when mass vaccinations were carried out, some 5,000 Europeans and 39,000 Non-Europeans were vaccinated.

(xii) TUBERCULOSIS (Pages 30, 31 and 36)

No appreciable amelioration in the incidence of this disease can be noted. The remarks contained in the previous report still apply, and for the sake of regularity they are once more repeated, and are as follows:-

The continued high incidence rate must be ascribed partly to a continuance of those insanitary grossly overcrowded housing conditions under which the Bantu and Asiatic Sections, in particular, are compelled to reside in, and partly to their inability to purchase for themselves and their families the necessary protective foods. Undernourishment of the Natives is rife, with a corresponding lowering of vitality and resistance to disease. Overcrowding and undernourishment go hand in hand to make this section of the community ready victims to the rampages of the tuberculosis germ. A further potent factor responsible for disseminating the disease, is the fact that so few beds are available for all sections of the community wherein to isolate those cases with frank, open lesions. These open Tuberculotic cases must therefore of necessity be permitted to remain at home coughing and spitting for all and sundry who come into contact with them to contract the disease in turn.

The erection of one or more T.B. Hospitals for the Reef, to which the press gave great prominence at the time would appear to have been shelved by Government, at least for the time being.

All contacts continue to be medically examined at the T.B. Clinic, where they are in addition to a physical examination, subjected to T.B. Patch Testing and/or X. Ray examination as required.

3. VENEREAL DISEASES (Pages 41 and 42)

Previous reports have stressed the ever increasing tempo of infection, particularly amongst Non-Europeans, and is well exemplified in the subjoined table, reflecting the figures over the past five years.

	1944/45	1945/6	1946/7	1947/48	1948/49
Total Attendances	7,211	7,868	9,261	11,573	14,867
Total No. of Injections given	3,558	5,180	5,894	7,751	13,115
New Cases	528	599	574	1,003	1,334

It must be admitted that this annual increase can be attributed in part to the increase in population and in part to the increasing readiness with which, those who have been exposed to infection and have contracted the disease, seek treatment, and augurs well for the popularity of the Clinics. Nevertheless it must be conceded that these increases are most disquieting and cannot be attributed to the above mentioned factors only. The most potent factor responsible for the alarming increase can be found in the abject conditions under which that section of the community which is the greatest sufferer viz. the Non-European, is compelled to live. The squalor, the gross overcrowding, with the attendant lack of all the amenities of modern civilisation, of decency and of privacy, where segregation of the sexes is impossible, must of necessity lend itself to the breeding of immorality (exemplified by the fact that of every 4 Native births registered, one birth is illegitimate), and vice and crime of every discription (and to which attention has been directed on several occasions in the Anhual Reports of the Magistrate).

Special treatment centres can never hope to eradicate this cancer in our midst, as long as these conditions prevail. At most they can but hope to keep this cancer within bounds, but as the cancer keeps on spreading, so will the work rendered at the centre keep on mounting.

4. MATERNAL AND CHILD WELFARE

(Pages 38 and 39)

(a) The Ante-Natal and Child Welfare Clinics continue to be well patronised and continue to show a most gratifying all round increase.

The number of attendances at the Ante-Natal Clinics have risen from 7,213 for the preceding year to 8,982 for the current year, whilst attendances at the Child Welfare Clinics have risen from 12,529 to 12,830 for the same period.

It is interesting to recall that the figures for the year 1938/39, when these Clinics were in their infancy were 1,517 and 4,959 respectively - reflecting the great growth and the rapid strides these Clinics have made during the past 10 years.

In stressing the growth of these Clinics it is appropriate that at this juncture attention should be directed to the fact that for the convenience of Northmead residents Child Welfare Clinics have been held, since the inception of the clinics, in the Tennis Pavilion at Northmead. As can be visualised conditions for conducting such clinics are most inadequate in such premises. In fact it is impossible to conduct Ante-Natal Clinics here, all cases desiring this amenity having perforce to attend the Polyclinic. With the expansion of Northmead and surrounding areas of Airfield, Rynfield and Farrarmere, the time is fast approaching when it will become imperative to erect, for the convenience of the residents of this area, a proper building where all the clinical activities of a Public Health Department can be satisfactorily and adequately given.

(b) The District Midwifery Services, in common with all the Department's other activities, continues to expand, the total number of cases, confined either in Hospital or on district, having increased from 850 for the preceding year to 939 for the current year, which means in effect that, of all births registered during the year viz. 1,757, more than half were dealt with through the aegis of the District Midwifery

Service.

5. FOODSTUFFS AND FOOD SHOPS

Continued attention was paid to the control of foodhandling in shops, cafes, restaurants, markets, market gardens, hotels and boarding houses.

There was no relaxation of the policy of subjecting all foodhandlers to examination for the Enteric Fever Carrier State.

During the year 762 foodhandlers were blood tested, of whom 19 (including 1 European), were found to be positive for the Enteric Fever Carrier State, and were excluded from the foodhandling trade.

For list of foodstuffs Condemned see pages 45 and 46.

6. ABATTOIRS (Page 51)

Butcher shops continued to be regularly inspected. The number of animals slaughtered remains well below the average number dealt with at the Abattoirs prior to the inception of the meat scheme in 1944. Income is thus adversely affected, and resulted in a deficit of £3,891 for the year. Included in this deficit however is an amount of £1,200 for works of a capital nature.

7. MILK AND DAIRIES (Page 47)

All dairy premises, both within and without the municipal area, other than those controlled by other local authorities with full time Medical Officers of Health, were regularly inspected by the Department's Dairies Inspector and the Veterinary Officer. Where necessary these premises were also inspected by the Medical Officer of Health. Advice was given and suitable action taken where necessary to ensure the hygienic production, transportation and handling of all milk supllies for Benoni.

Routine chemical, bacteriological and visible dirt tests were undertaken throughout the year.

Difficulties are still encountered with regard to the small producing dairy situated on the plots. Here the dairy is run in order to supplement the income of the bread winner, usually a low paid mine employee. In these instances the owner is never at home to supervise the native employees, on whom all responsibility for hygiene standards is shelved. It leaves little to the imagination to appreciate that under these circumstances milk is produced under invariably unhygienic conditions. Nevertheless the department attempts to do what it can under extremely difficult conditions.

8. WATER SUPPLY

The supply for all premises within the townships area is drawn from the Rand Water Board. This supply, as elsewhere is highly satisfactory.

Premises in the semi rural areas e.g. Cloverdene, Vlakfontein No. 7, have their own supplies, usually from boreholes. Whilst the source itself is impeccable, it cannot be vouchsafed that pollution does not occur during the stage of transportation. Certain mines augment the supply of Rand Water Board water, by their own supplies. The latter are however used solely for flushing purposes.

9. NIGHT SOIL AND REFUSE REMOVAL SERVICE

The projected sewerage scheme for Northmead continues to make progress, but will not be completed for some 12 - 18 months. In the meantime the existing pail system continues. In the meantime the conservancy tank system, introduced last year, for these areas which will not be sewered, continues to fill a long felt want.

It should be recorded that the emergency camp for Natives, opened during May, 1949, has been provided with water borne sanitation via conservancy tanks, as opposed to the communal bucket type of latrines, at the old location.

10. VERMIN CONTROL (Page 52)

Vigorous anti-plague measures were continued throughout the year. This included the maintenance of a rodent free belt around the town.

Special attention was given the location and Asiatic Sections, owing to the abundant prevelence of rodents in these areas. Owing to the general dilapidation and overcrowding of wood and iron structure complete eradication is impossible. Nevertheless the rodent population was kept at a minimum.

11. OTHER SERVICES

(a) MUNICIPAL FIRE BRIGADE

Medical attention continued to be given by the Department to members (and families) of the Fire Brigade.

(b) NATIVE EMPLOYEES

All native employees, prior to being accepted in Council's service, were examined by the Department.

In addition, all natives reporting sick were treated by the Department. Where necessary, patients requiring more intensive treatment owing to the gravity of their illnesses, were hospitalised.

(c) RACE WELFARE CLINIC (Page 39)

This clinic, the only one of its kind on the East Rand, continues to be well attended, and serves in particular, the needs of the poorer sections of the community.

(d) PASS OFFICE EXAMINATIONS (Page 40)

Routine medical examination of all natives

registering at the office of the Native Commissioner, and in search of work in Benoni, continues to be undertaken by this department.

(e) BOKSBURG-BENONI HOSPITAL OUTPATIENTS (Page 40)

The Boksburg-Benoni Hospital continued to operate a daily outpatients service in premises supplied by Council. These services are however inadequate, being limited to the morning sessions only, and do not function at all on Saturdays, Sundays and Public Holidays. As the result of representations to the Administration it is hoped that a more adequate service, which, it is hoped, will be the forerunner for a Hospital for Benoni, will be initiated during the coming year.

(f) DENTAL CLINIC

It is regrettable to have to report once more that no finality has been arrived at in the negotiations with the Province. Consequently the Dental Clinic has not, as yet, commenced to function, nor do the prospects for the coming year appear any brighter. It would seem that the only solution lies in initiating a limited scheme for sections other than school children for whom the Education Department would perforce have to provide relief.

S T A F F

The staff, as at 30th June, 1949, was constituted as follows:-

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health	S.W. Adler M.B. Ch.B. D.P.H.,D.T.M. and H.
Assistant Medical Officer of Health	R.F. Denholm M.B. Ch.B. D.P.H.
Veterinary Officer (Part Time)	J.V. Schoeman B.Sc. B.Vsc.
Senior Health Inspectors	J.R. Hamilton R.S.I. (Advanced) Certificate Meat and Other Foods (R.S.I.) Certificate Tropical Hygiene Certificate Sanitary Science (R.S.I.) Certificate Sanitary Engineers (R.S.I.)
	P.J. Howett R.S.I.
	H.E. Theron R.S.I. (Advanced) Certificate Meat and other Foods (R.S.I.) Certificate Tropical Hygiene Certificate Sanitary Science (R.S.I.)
	N. Youens R.S.I. (ADVANCED) Certificate Meat and Other Foods (R.S.I.) Certificate Tropical Hygiene.

Grade I Health Inspectors	C.F. Kingston	R.S.I.
	J. Pretorius (R.S.I.)	R.S.I. Meat and other Foods Certificate Tropical Hygiene
	H.F. Smith (R.S.I.)	R.S.I. Meat and other Foods Certificate Tropical Hygiene
Learner Health Inspectors	W. Coetzee L.A. Folley P.D. Krog	
Vermin Officer	P. Chubb	
Health Visitors	(Miss) G.D. Conradie	R.S.I. (Health Visitor) Certificate S.A. Medical Council (Midwifery)
	(Mrs.)B. Styles	Certificate S.A. Medical Council (General and Midwifery)
Clerk	(Miss) R. Heath	
Typists	(Miss) V. Bray	

ABATTOIRS

Abattoir Superintendent	B.E. Eagar	R.S.I. Certificate Meat and other Foods
Meat Inspector	J. Selby	
Abattoir Mechanics	N. Arthur C. Everett	
By-Products Attendant	J.F. Brandt (Snr.)	
Abattoir Cleaners	J.F. Brandt (Jnr.) T.J. Bekker	

SANITARY DEPARTMENT

Sanitary and Compound Manager	C.R. Begley
Assistant Compound Manager	C. Manos
Sanitary Driver/Overseers	J.S.H. Fox R. Hardman N. Marais J. Meier J. Opperman H. Tee D. Williams J. Venter

Farriers	W. Anderton J. Jones	
Wagon-Smith	G.E. Holland	
Harness Repairer	T. McGheen	
Public Conveniences Attendants	T. Flynn (Mrs.) F. Dowdeswell	

NON-EUROPEAN STAFF

Native Nurses	Mrs. Putini	Certificate S.A. Medical Council (Midwifery)
	Mrs. du Plessis	Certificate S.A. Medical Council (General and Midwifery)
Native Health Assistants	J.J. Alberts F. Brink J. Hlatshwayo	

REPORT "B"

UPON THE HOUSING OF THE PEOPLE

(1) EUROPEAN HOUSING

During the year 356 private dwellings at a total cost of £902,944, were erected. In addition four (4) blocks of flats, at a cost of £55,933, were completed during the year.

The completion of the abovementioned dwellings and flats has gone a long way towards alleviating the acute housing shortage previously existing. Whilst the housing shortage problem is not as acute as before, this however only applies to the middle income groups. Housing for the lower income groups is, if anything, more acute than ever before. This is due in part to the influx of "unskilled" workers attracted to the town by industry. Many of the dwellings thus occupied by this class of worker, now house several families. Such dwellings, overcrowded as they are, soon develop into "slum" properties. Repairs to such dwellings become unwarranted and a major problem, and lend themselves open to demolition, thus increasing the housing shortage still further for this group of persons. Many of the town's worst properties, bordering on slums even before these conditions developed, have in consequence been demolished, and the stage has now been reached, when application only for those premises, which are definite slums of the first magnitude, will in future be considered.

(2) COLOURED HOUSING

The evacuation of all coloured families living in the eastern portion of the town, where they had been living under most intense slum conditions of indescribable filth, squalor and overcrowding, for many years, was completed during the year by the erection of 101 houses in Parktown. The premises previously occupied by these Coloureds have now all been demolished.

The evacuation and rehousing of the Coloureds has indeed been a memorable one for Benoni, for these Coloured people had been living for some 20 odd years in the Township, in contravention of the title deeds, which does not permit of Non-Europeans (other than bona fide employees) living in the Township.

(3) NATIVE HOUSING and (4) ASIATIC HOUSING

Previous Annual Reports have stressed time and again the grossly overcrowded insanitary conditions prevailing in the location. As so many Natives reside in the Asiatic Section, previous reports dealing with native housing in the location, had reference to and included the Asiatic Section as a matter of course. Little or nothing can be added to the innumerable reports already presented regarding the insanitary and grossly overcrowded conditions prevailing in the location proper, except to add that a perpetuation of these grossly overcrowded insanitary conditions must be considered a direct threat to the European population of the Township.

The clearance of "Illegal Tent Town" and the substitution in lieu thereof of a "Squatters Camp" is a distinct improvement, and will further be improved when permanent

buildings are erected in place of the existing temporary shacks.

In regard to the Asiatic Section, census taken in 1937 revealed that the number of persons resident here, was:-

Asiatics.....	711
Coloured.....	183
Native.....	1,973
Total:	2,867

At a recent census the number of residents in this section was found to be:-

Asiatics.....	1,095
Coloured.....	195
Native.....	2,336
Total:	3,626

During the intervening 12 years, only 13 new houses were erected to house the increasing number of residents. In 1939, with the population as at 1937, the Medical Officer of Health, in report dealing with conditions in the Asiatic Section, stated that conditions were, almost without exception bad. And if conditions were bad in 1939, the conditions prevailing at present, when in the interim the population has increased by 759 persons (or 30%), with the addition of only 13 new buildings, can only be described as indescribably chaotic and obviously require no further elaboration. That conditions do merit earnest and immediate action is unquestionable, and it is to be hoped that when the proposed housing for Natives resident in the Squatters Camp has been completed, the deplorable housing condition for Natives in the Asiatic Section, as well as the location proper, will be ameliorated.

The number of premises erected during the year was as follows:-

(a) MUNICIPAL AREA (EXCLUDING LOCATION AND COLOURED AND ASIATIC SECTIONS)

(i)	Number of dwellings erected and value:	356	Value £902,944
(ii)	Number of flats erected and value:	4	Value £ 55,933
(iii)	Number of business premises erected and value:	61	Value £107,452
(iv)	Number of additions, alterations and value to buildings	128	Value £ 27,510
	Total:	549	Value £1093,839

(b) LOCATION

No premises erected.

(c) ASIATIC SECTION

(i) No new premises, dwelling or business, erected.
(ii) Number of additions, alterations and value to buildings: 3 value £220.

(d) COLOURED HOUSING

(i)	(a)	Number of houses erected by Council:	101
	(b)	Cost of above	£40,263.
(ii)	(a)	Number of dwellings erected privately:	1
	(b)	Cost of above	£ 1,200.

TOWN COUNCIL OF BENONI

PUBLIC HEALTH DEPARTMENT

1948 - 1949

LEADING VITAL STATISTICS

FOR THE YEAR ENDING 30TH JUNE

1949

	EUROPEANS	MINING NATIVE	NON MIN. NATIVE	COLOURED	ASIATIC	ALL NON-EUR.	ALL RACES
POPULATION	25,400	15,104	34,871	2,910	1,195	54,080	79,480
RATES:-							
BIRTH RATE	27.40	-	25.18	40.21	55.23	27.22	26.23
ILLEGITIMACY RATE	0.86	-	25.63	20.50	10.61	24.13	14.91
DEATH RATE	7.18	4.50	20.98	20.96	18.39	16.32	13.81
INFANT MORTALITY RATE	33.05	-	305.24	136.75	105.10	274.34	178.65
DEATH RATES:-							
LUNG DISEASES (NON TB)	1.18	0.66	6.97	4.42	3.34	4.97	3.79
ENTERIC FEVER	0.00	0.00	0.16	0.34	0.00	0.09	0.06
ENTERITIS (UNDER 2 YEARS)	0.04	-	3.81	1.68	0.84	2.57	1.22
VIOLENCE	0.47	1.25	1.18	1.37	0.83	1.01	1.02
T.B. (ALL FORMS)	0.42	1.12	1.34	0.68	0.83	1.24	0.99
CANCER	0.60	0.19	0.39	0.68	0.83	0.37	0.48
SYPHILIS	0.00	0.06	0.34	0.68	0.00	0.31	0.21
HEART DISEASES	3.03	0.26	1.98	2.40	5.81	1.64	2.01
ALL INFECTIOUS DISEASES (EXCLUDING SYPHILIS)	0.55	1.78	2.52	3.44	1.67	2.35	1.77
INFECTIOUS DISEASES, INCIDENCE RATES:-							
SCARLET FEVER	1.69	0.00	0.00	0.00	0.83	0.02	0.56
MEASLES	15.90	3.70	1.60	6.18	0.00	2.40	6.70
PERTUSSIS	2.48	0.00	3.06	2.40	1.66	2.15	2.25
DIPHTHERIA	0.12	0.00	0.34	0.00	0.83	0.24	0.20
ENTERIC FEVER	0.19	0.00	0.28	0.34	0.83	0.22	0.21
C.S. MENINGITIS	0.39	2.83	0.34	0.68	1.67	1.11	0.88
T.B. ALL FORMS	0.39	1.92	1.89	2.74	1.67	1.94	1.46

POPULATION

(As supplied by the Director of Census)

	MALE	FEMALE	TOTAL	TOTAL AS AT 30/6/48
ALL RACES	51,745	27,735	79,480	(75,535)
EUROPEAN	12,900	12,500	25,400	(25,025)
MINING NATIVES	15,104	-	15,104	(17,927)
NON MIN NATIVES	21,771	13,100	34,871	(28,593)
COLOURED	1,370	1,540	2,910	(2,820)
ASIATIC	600	595	1,195	(1,170)
ALL NON EUROPEANS	38,845	15,235	54,080	(50,510)

BIRTHS

(a) TOTAL IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	33	27	60	30	27	57	5	10	15	4	4	8	72	68	140
AUGUST	26	32	58	35	37	72	2	1	3	4	0	4	67	70	137
SEPTEMBER	29	30	59	36	32	68	5	1	6	0	1	1	70	64	134
OCTOBER	35	32	67	46	22	68	6	0	6	6	3	9	93	57	150
NOVEMBER	27	26	53	30	35	65	7	2	9	1	1	2	65	64	129
DECEMBER	29	27	56	43	36	79	3	4	7	6	0	6	81	67	148
JANUARY	18	18	36	19	19	38	5	6	11	5	4	9	47	47	94
FEBRUARY	34	31	65	34	33	67	8	5	13	4	2	6	80	71	151
MARCH	32	27	59	34	45	79	6	7	13	2	1	3	74	80	154
APRIL	28	34	62	64	57	121	8	5	13	1	7	8	101	103	204
MAY	29	37	66	41	44	85	5	9	14	1	1	2	76	91	167
JUNE	27	28	55	30	49	79	3	4	7	4	4	8	64	85	149
TOTAL	347	349	696	442	436	878	63	54	117	38	28	66	890	867	1757

(b) TOTAL ILLEGITIMATE BIRTHS

	EUROPEAN	NATIVE	COLOURED	ASIATIC	TOTAL
MALE	3	106	15	2	126
FEMALE	3	119	9	5	136
TOTAL	6	225	24	7	262

TERRITORIES

(As supplied by the Director of Census)

	MALE	FEMALE	TOTAL	(TOTAL AS AT 30/6/[illegible])
ALL RACES	81,248	67,352	148,600	(135,397)
EUROPEAN	32,929	17,500	50,429	(50,088)
PERSONS NATIVES	43,404	-	43,404	(37,387)
NON ASIAN NATIVES	81,277	15,192	96,469	(88,103)
COLOURED	4,270	1,840	6,110	(2,880)
ASIATIC	270	20	290	(1,129)
ALL NON EUROPEANS	49,948	16,952	66,900	(92,120)

STATES

(a) TOTAL CT RACING

	EUROPEANS			NON ASIAN NATIVES			COLOURED			ASIATIC			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
NSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
VICTORIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
QUEENSLAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SOUTH AUST.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WESTERN AUST.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TASMANIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NORTHERN TERRITORY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(b) TOTAL LIVESTOCK RACING

	EUROPEAN			NATIVE			MIXED			NATIVE			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
MALE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FEMALE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(c) TOTAL BIRTHS IN DISTRICTS

	EUROPEAN			NON MIN. NAT.			COLOURED			ASIATICS			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
TOWNSHIP AND WESTDENE	202	180	382	49	55	104	12	7	19	1	0	1	264	242	506
NORTHMEAD	56	80	136	19	11	30							75	91	166
RYNFIELD	7	13	20	2	1	3							9	14	23
AIRFIELD	17	11	28	2	3	5							19	14	33
FARRARMERE	16	10	26	0	1	1							16	11	27
SEMI RURAL AREAS	20	27	47	8	10	18	0	1	1	2	1	3	30	39	69
LOCATION				345	332	677	46	38	84	35	26	61	426	396	822
NEW KLEIN-FONTEIN	3	4	7	9	6	15							12	10	22
VAN RYN ESTATE	0	3	3	3	5	8							3	8	11
VAN RYN DEEP	3	2	5	0	3	3							3	5	8
MODDER BEE	8	5	13	0	3	3	1	3	4	0	1	1	9	12	21
MODDER DEEP	1	2	3	1	2	3							2	4	6
MODDER EAST	4	3	7	2	1	3	0	1	1				6	5	11
NEW MODDER	10	9	19	2	3	5	4	4	8				16	16	32
TOTAL	347	349	696	442	436	878	63	54	117	38	28	66	890	867	1757

(d) BIRTH RATES ETC.

	BIRTH RATES BIRTHS PER 1,000 POPULATION	ILLEGITIMACY RATES %age ILLEGITIMATE TO TOTAL BIRTHS	MASCULINITY RATES	
			MALE	FEMALE
EUROPEAN	27.40	0.86	99	100
NON MIN. NATIVES (X)	25.18	25.63	101	100
COLOURED	40.21	20.50	116	100
ASIATIC	55.23	10.61	136	100
ALL NON-EUROPEANS (X)	27.22	24.13	105	100
ALL RACES (X)	26.23	14.91	102	100

(Note:- (X) excluding mining natives).

DEATHS

(a) TOTAL DEATHS IN MONTHS

	EUROPEAN			MIN. NAT.	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	16	11	27	10	40	28	68	1	4	5	1	3	4	68	46	114
AUGUST	12	9	21	3	28	19	47	4	2	6	1	0	1	48	30	78
SEPTEMBER	6	6	12	3	21	22	43	4	0	4	0	0	0	34	28	62
OCTOBER	15	6	21	4	38	29	67	2	4	6	1	1	2	60	40	100
NOVEMBER	8	3	11	4	41	33	74	3	3	6	0	0	0	56	39	95
DECEMBER	10	3	13	11	37	28	65	1	1	2	2	1	3	61	33	94
JANUARY	3	4	7	10	30	44	74	1	3	4	1	2	3	45	53	98
FEBRUARY	4	7	11	6	27	24	51	1	1	2	0	2	2	38	34	72
MARCH	10	7	17	8	39	25	64	2	1	3	0	1	1	59	34	93
APRIL	8	3	11	5	36	37	73	3	4	7	0	0	0	52	44	96
MAY	14	8	22	1	41	20	61	8	3	11	1	1	2	65	32	97
JUNE	17	11	28	3	33	12	45	3	2	5	3	1	4	59	26	85
TOTAL	123	78	201	68	411	321	732	33	28	61	10	12	22	648	439	1084

(b) TOTAL DEATHS IN DISTRICTS

	EUROPEAN			MIN NAT.	NON MIN NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
TOWNSHIP AND WESTDENE	76	48	124		37	16	53	1	4	5	2	0	2	116	68	184
NORTHMEAD	14	13	27		6	2	8							20	15	35
RYNFIELD	2	1	3		1	1	2							3	2	5
AIRFIELD	2	1	3		0	1	1							2	2	4
FARRARMERE	2	0	2											2	0	2
SEMI RURAL AREAS	9	2	11		6	4	10	2	0	2				17	6	23
LOCATION					344	286	630	24	23	47	8	12	20	376	321	697
NEW KLEIN-FONTEIN	0	3	3	33	5	5	10							41	5	46
VAN RYN DEEP	2	2	4					1	0	1				3	2	5
VAN RYN ESTATE	1	2	3	3	5	0	5							9	2	11
MODDER BEE	6	1	7	11	3	2	5	3	0	3				23	3	26
MODDER DEEP	1	2	3	2										3	2	5
MODDER EAST	0	1	1	6	2	3	5							8	4	12
NEW MODDER	8	2	10	13	2	1	3	2	1	3				25	4	29
TOTAL	123	78	201	68	411	321	732	33	28	61	10	12	22	645	439	1084

(c) DEATH RATES

(DEATHS PER 1,000 POPULATION)

	MALE	FEMALE	TOTAL
EUROPEAN	8.66	5.65	7.18
MINING NATIVES	4.50	-	4.50
NON MINING NATIVES	18.97	24.50	20.98
COLOURED	24.09	18.12	20.96
ASIATIC	16.66	20.17	18.39
ALL NON-EUROPEAN	13.43	23.69	16.32
ALL RACES	12.51	15.82	13.81

(d) DEATHS : TOTAL IN AGE GROUPS

	EUROPEAN			MIN.	NON.MIN.NAT.			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	NAT.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
UNDER 1 YEAR	15	8	23	-	148	121	269	9	7	16	3	4	7	170	145	315
1 YEAR	1	0	1		34	42	76	2	0	2	1	0	1	38	42	180
2 YEARS	1	0	1		21	15	36				1	1	2	23	16	30
3 YEARS					5	9	14							5	9	14
4 YEARS					2	3	5	1	0	1				3	3	6
5 - 9	2	0	2		4	8	12				1	0	1	7	8	15
10 - 14					5	1	6	1	0	1	0	1	1	6	2	8
15 - 19	0	1	1	1	7	9	16	0	2	2				8	12	20
20 - 24	1	1	2	13	10	12	31	0	5	5				33	18	51
25 - 29	1	0	1	7	22	6	28	2	0	2				32	6	38
30 - 34	4	0	4	15	23	15	38	2	2	4	0	1	1	44	18	62
35 - 39	7	3	10	8	20	14	34	1	0	1				36	17	53
40 - 44	6	2	8	6	20	4	24	1	2	3	0	1	1	33	9	42
45 - 49	4	4	8	10	26	5	31	0	1	1				40	10	50
50 - 54	8	4	12	4	7	7	14	4	3	7				23	14	37
55 - 59	14	6	20	3	14	8	22	3	0	3	1	1	2	35	15	50
60 - 64	19	6	25		14	11	25	1	1	2				34	18	52
65 - 69	18	13	31		7	9	16	4	0	4	2	0	2	31	22	53
70 - 74	13	13	26	1	5	6	11	0	2	2				19	21	40
75 - 79	5	9	14		3	5	8	1	1	2	0	2	2	9	17	26
80 UP	4	8	12		5	11	16	1	2	3	1	1	2	11	22	33
TOTAL	123	78	201	68	411	321	732	33	28	61	10	12	22	645	439	1084

DETAILED CAUSES OF DEATH

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. INFECTIOUS AND PARASITIC DISEASES																
001 Typhoid Fever					2	2	4	1	0	1				3	2	5
008 C.S.Meningitis	2	0	2	2	4	0	4							8	0	8
011 Pertussis	0	1	1		4	1	5							4	2	6
012 Diphtheria					2	1	3							2	1	3
014 Tetanus					0	1	1							0	1	1
TUBERCULOSIS OF:																
015 Respiratory System	5	2	7	11	27	19	46	0	2	2				43	23	66
016 C.N.S.	1	0	1	1							1	0	1	3	0	3
017 Intestines				1	1	0	1							2	0	2
021 Lymphatic System				1										1	0	1
024 Miliary T.B.				3										3	0	3
DYSENTERY:-																
032 Bacillary					3	0	3							3	0	3
033 Amoebic					1	0	1	1	0	1				2	0	2
SYPHILIS:-																
041 G.P.I.					0	1	1							0	1	1
042 Aneurysm				1	3	0	3	1	1	2				5	1	6
043 Congenital					1	3	4							1	3	4
044 Other Forms					2	2	4	1	1	2				3	3	6
VIRUS DISEASE:-																
048 Influenza	2	0	2	7	5	0	5	1	0	1				15	0	15
050 Small Pox											0	1	1	0	1	1
052 Measles								0	1	1				0	1	1
053 Polio-Encephalitis					0	2	2							0	2	2
054 Acute Encephalitis	1	0	1		0	1	1							1	1	2
TOTAL	11	3	14	27	55	33	88	5	5	10	1	1	2	99	42	141
11. CANCER																
CANCER OF:-																
100 Buccal Cavity	2	0	2											2	0	2
101 Oesophagus	0	1	1											0	1	1
102 Stomach	2	2	4		1	1	2							3	3	6
104 Liver	1	0	1	3	3	1	4							7	1	8
105 Pancreas	1	0	1		1	0	1							2	0	2
106 Intestines	1	0	1		0	1	1							1	1	2
107 Larynx					0	1	1							0	1	1
109 Lung					1	0	1							1	0	1
110 Uterus	0	1	1		0	1	1	0	1	1				0	3	3
112 Breast	0	1	1											0	1	1
113 Prostate	1	0	1											1	0	1
114 Genital Organs	1	0	1											1	0	1
115 Urinary Organs	1	0	1											1	0	1
118 Bones	0	1	1		1	0	1	0	1	1				1	2	3
119 Other Organs	1	1	2		2	0	2				0	1	1	3	2	5
TOTAL	11	7	18	3	9	5	14	0	2	2	0	1	1	23	15	38

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
III. RHEUMATIC DISEASES																
149 Rheumatic Fever					1	0	1							1	0	1
152 Diabetes	1	2	3											1	2	3
163 Malnutrition					8	5	13	1	0	1	1	0	1	10	5	15
167 Beri-Beri					1	0	1	0	1	1				2	0	2
168 Pellagra					3	3	6							3	3	6
TOTAL	1	2	3		13	8	21	1	1	2	1	0	1	17	10	27
IV. DISEASES OF BLOOD																
207 Leukaemia	0	1	1	1	1	0	1	1	0	1				3	1	4
VI. DISEASES OF THE NERVOUS SYSTEM																
300 Cerebral Abscess				1	1	2	3							2	2	4
302 Pneumococcal Meningitis				1	2	0	2							3	0	3
305 Cerebral Haemmorrhage	4	7	11	1	5	10	15	1	1	2				11	18	29
306 Cerebral Embolism	0	1	1		3	4	7							3	5	8
307 Hemiplegia	0	1	1		1	0	1							1	1	2
309 Epilepsy				1	1	0	1							2	0	2
TOTAL	4	9	13	4	13	16	29	1	1	2				22	26	48
VII DISEASES OF THE CIRCULATORY SYSTEM																
350 Chronic Pericarditis								1	0	1				1	0	1
351 Other Pericarditis				1	2	1	3							3	1	4
352 Ac. Endocarditis					1	0	1							1	0	1
VALVULAR DISEASE:																
353 Rheumatic					3	1	4				0	1	1	3	2	5
354 Other	1	0	1	1	2	0	2							4	0	4
MYOCARDITIS DISEASE																
356 Rheumatic	0	1	1		1	1	2	0	1	1	1	0	1	2	3	5
357 Other	21	13	34	2	22	16	38	1	2	3	1	2	3	47	32	79
358 Coronary Disease	19	16	35		1	3	4	0	2	2	1	1	2	21	22	43
361 Aneurysm	0	1	1		2	0	2							2	1	3
362 Arterio Sclerosis	1	0	1		2	6	8							3	6	9
364 Arterial Disease	1	0	1											1	0	1
367 Hypertension	2	1	3		3	1	4	1	0	1				6	2	8
368 Other Diseases					0	1	1							0	1	1
TOTAL	45	32	77	4	39	30	69	3	5	8	3	4	7	94	71	165

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN NON NAT	MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
VIII RESPIRATORY DISEASE																
402 Acute Bronchitis	1	1	2		1	2	3							2	3	5
403 Chronic Bronchitis	3	0	3		3	2	5	3	0	3	1	0	1	10	2	12
PNEUMONIA																
404 Broncho	5	0	5	1	81	73	154	5	2	7	1	2	3	93	77	170
405 Lobar	5	0	5	2	47	19	66	1	0	1				55	19	74
406 Unspecified	2	0	2		0	2	2							2	2	4
407 Empyaemia					1	0	1							1	0	1
409 Infarction	1	3	4		0	2	2							1	5	6
410 Congestion	1	0	1											1	0	1
411 Asthma	1	0	1		0	2	2	0	1	1				1	3	4
MINERS' PHTHISIS																
413 With T.B.	3	0	3											3	0	3
414 Without T.B.	1	0	1											1	0	1
417 Lung Abscess					1	0	1							1	0	1
418 Other Diseases					0	1	1							0	1	1
TOTAL	23	4	27	3	134	103	237	9	3	12	2	2	4	171	112	283
IX DISEASES OF THE DIGESTIVE SYSTEM																
454 Oesophageal Disease				1	0	1	1							1	1	2
ENTERITIS																
458 Under 2 Years	1	0	1		61	72	133	4	1	5	1	0	1	67	73	140
459 Over 2 Years					3	0	3							3	0	3
460 Ulceration					1	0	1	0	1	1				1	1	2
461 Appendicitis					0	1	1							0	1	1
462 Hernia				1	1	0	1							2	0	2
463 Intestinal Obstruction	1	1	2		4	0	4							5	1	6
465 Intestinal Disease	0	1	1											0	1	1
467 Cirrhosis	0	2	2		1	0	1							1	2	3
469 Liver Disease					1	1	2							1	1	2
473 Peritonitis				1	0	3	3							1	3	4
TOTAL	2	4	6	3	72	78	150	4	2	6	1	0	1	82	84	166
X DISEASES OF THE URINARY SYSTEM																
500 Acute Nephritis				1	1	1	2							2	1	3
501 Chronic Nephritis	2	2	4	1	2	4	6	2	1	3	0	2	2	7	9	16
503 Pyelitis	1	1	2											1	1	2
508 Urinary Abscess					1	0	1							1	0	1
509 Prostatitis					1	0	1							1	0	1
512 Parametritis					0	1	1							0	1	1
TOTAL	3	3	6	2	5	6	11	2	1	3	0	2	2	12	12	24
XI DISEASES OF PREGNANCY																
554 Ectopic Gestation					-	3	3							-	3	3
558 Eclampsia	-	1	1											-	1	1
566 Haemorrhage					-	1	1							-	1	1
574 Accidents of Child Birth					-	1	1							-	1	1
TOTAL	-	1	1		-	5	5							-	6	6
XII SKIN DISEASES																
602 Skin Disease					1	0	1							1	0	1

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
XIV CONGENITAL MALFORMATIONS																
700 Hydrocephalus	0	1	1		3	0	3							3	1	4
703 Monstrosities					1	0	1							1	0	1
707 Congenital Kidney	1	0	1											1	0	1
709 Unspecified								0	1	1				0	1	1
TOTAL	1	1	2		4	0	4	0	1	1				5	2	7
XV DISEASES OF FIRST YEAR OF LIFE																
751 Prematurity	6	5	11		19	15	34	3	2	5	1	1	2	29	23	52
752 Birth Injury	1	0	1		3	2	5							4	2	6
753 Other Injury					1	0	1							1	0	1
754 Atelectasis	0	1	1		3	4	7	0	1	1	0	1	1	3	7	10
757 Melaena					1	0	1							1	0	1
758 Other Diseases	1	0	1		1	5	6							2	5	7
TOTAL	8	6	14		28	26	54	3	3	6	1	2	3	40	37	77
XVI SENILITY																
800 Senility	2	4	6	1	2	2	4	1	2	3				6	8	14
XVII DEATHS BY VIOLENCE																
SUICIDE BY:-																
856 Hanging	1	0	1	1	0	1	1							2	1	3
857 Drowning	1	0	1											1	0	1
858 Firearms	1	0	1											1	0	1
859 Cutting	1	0	1		1	0	1							2	0	2
861 Railways	0	1	1											0	1	1
HOMICIDE BY:-																
864 Infanticide								0	1	1				0	1	1
866 Cutting					10	2	12	0	1	1				10	3	13
867 Other Methods	1	0	1		4	1	5							5	1	6
ACCIDENTAL																
868 Railways	1	0	1		4	2	6	1	0	1				6	2	8
869 Train Collisions				1										1	0	1
871 Other Collisions	2	0	2		3	0	3	1	0	1				6	0	6
877 Road Collisions					1	0	1				1	0	1	2	0	2
880 Mine Collisions	1	0	1	16	2	0	2							19	0	19
886 Machinery					2	0	2							2	0	2
891 Burns					1	2	3							1	2	3
892 Suffocation					1	0	1							1	0	1
893 Drowning	1	0	1											1	0	1
896 Falls				1										1	0	1
900 Starvation					3	0	3							3	0	3
904 Electrocution	1	0	1											1	0	1
906 Anaesthetic								0	1	1				0	1	1
TOTAL:	11	1	12	19	32	12	41	2	2	4	1	0	1	65	12	77

DETAILED CAUSES OF DEATH CONTINUED

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
XVIII ILL DEFINED CAUSES																
951 Ill Defined	1	0	1											1	0	1
952 Found Dead					0	1	1							0	1	1
953 Cause Unknown				1	0	1	1	1	0	1				2	1	3
TOTAL	1	0	1	1	0	2	2	1	0	1				3	2	5

1. V I O L E N C E

(a) TOTAL DEATHS : ALL CAUSES

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
SUICIDE	4	1	5	1	1	1	2							6	2	8
HOMICIDE	1	0	1		14	3	17	0	1	1				15	4	19
MINE ACCIDENTS	1	0	1	16	2	0	2							19	0	19
OTHER ACCIDENTS	5	0	5	2	15	5	20	2	1	3	1	0	1	25	6	31
TOTAL	11	1	12	19	32	9	41	2	2	4	1	0	1	65	12	77

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year								0	1	1				0	1	1
1 - 4 Years	2	0	2		2	2	4	1	0	1				5	2	7
5 - 9 Years	1	0	1								1	0	1	2	0	2
10 - 14 Years														0	0	0
15 - 19 Years					2	0	2							2	0	2
20 - 24 Years	0	1	1	3	6	0	6	0	1	1				9	2	11
25 - 29 Years				4	2	2	4							6	2	8
30 - 34 Years	2	0	2	9	6	4	10							17	4	21
35 - 39 Years	4	0	4	1	7	1	8							12	1	13
40 - 44 Years					4	0	4							4	0	4
45 - 49 Years	1	0	1	2	1	0	1							4	0	4
50 - 54 Years					1	0	1							1	0	1
55 - 59 Years								1	0	1				1	0	1
60 - 64 Years														0	0	0
65 - 69 Years					1	0	1							1	0	1
Over 70 Years	1	0	1											1	0	1
TOTAL	11	1	12	19	32	9	41	2	2	4	1	0	1	65	12	77

(c) DEATH RATES PER 1,000 POPULATION PER ANNUM

	MALES	FEMALES	TOTAL
EUROPEANS	0.85	0.08	0.47
NON MIN NAT	1.25	-	1.25
Mine NATIVES	1.47	0.68	1.18
COLOURED	1.46	1.30	1.37
ASIATIC	1.66	0.00	0.83
ALL NON EUROPEANS	1.38	0.71	1.01
ALL RATES	1.08	0.44	1.02

2. HEART DIEASE

(a) TOTAL DEATHS : CAUSES

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
PERI CARDITIS				1	2	1	3	1	0	1				4	1	5
ENDO CARDITIS					1	0	1							1	0	1
MYOCARDITIS	21	14	35	2	23	17	40	1	3	4	2	2	4	49	35	84
VALVULAR DISEASE	1	0	1	1	5	1	6				0	1	1	7	2	9
CORONARY DISEASE	19	16	35		1	3	4	0	2	2	1	1	2	21	22	43
OTHER DISEASES	4	2	6		7	8	15	1	0	1				12	10	22
TOTAL	45	32	77	4	39	30	69	3	5	8	3	4	7	94	71	165

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year																
1 - 4 Years					1	0	1							1	0	1
5 - 9 Years					1	0	1							1	0	1
10 - 14 Years																
15 - 19 Years					1	1	2				0	1	1	1	2	3
20 - 24 Years					4	1	5							4	1	5
25 - 29 Years					1	0	1							1	0	1
30 - 34 Years	1	0	1		8	4	12	0	2	2				9	6	15
35 - 39 Years	2	2	4		3	3	6							5	5	10
40 - 44 Years	5	1	6	1	2	1	3	0	1	1				8	3	11
45 - 49 Years	1	1	2	2	6	0	6				0	1	1	9	2	11
50 - 54 Years	4	3	7	1	2	3	5	0	1	1				7	7	14
55 - 59 Years	5	1	6		4	5	9	1	0	1	1	1	2	11	7	18
60 - 64 Years	11	5	16		5	4	9	2	1	3				18	10	28
65 - 69 Years	9	6	15		1	4	5				2	0	2	12	10	22
70 - 74 Years	5	7	12		2	1	3							7	8	15
Over 75 Years	2	6	8		2	3	5				0	1	1	4	10	14
TOTAL	45	32	77	4	39	30	69	3	5	8	3	4	7	94	71	165

(c) DEATH RATES PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	3.49	2.56	3.03
MINE NATIVES	0.26	-	0.26
NON MIN NATIVES	1.83	2.28	1.98
COLOURED	2.19	3.25	2.40
ASIATIC	4.98	6.64	5.81
ALL NON-EUROPEAN	1.26	2.56	1.64
ALL RACES	1.78	2.56	2.01

C A N C E R

(a) DEATHS IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
0 - 14 YEARS					1	0	1							1	0	1
15 - 19 YEARS								0	1	1				0	1	1
20 - 24 Years				1	1	0	1							2	0	2
25 - 29 Years	1	0	1	1										2	0	2
30 - 34 Years				1	0	1	1							1	1	2
35 - 39 Years					1	0	1							1	0	1
40 - 44 Years	1	0	1		0	1	1							1	1	2
45 - 49 Years	0	1	1		3	1	4							3	2	5
50 - 54 Years					1	1	2							1	1	2
55 - 59 Years	3	2	5		1	0	1							4	2	6
60 - 64 Years	2	0	2		1	0	1	0	1	1				3	1	4
65 - 69 Years	2	2	4											2	2	4
70 - 74 Years	2	2	4		0	1	1							2	3	5
Over 75 Years											0	1	1	0	1	1
TOTAL	11	7	18	3	9	5	14	0	2	2	0	1	1	23	15	38

(b) DEATH RATES PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	0.85	0.56	0.60
MINE NATIVES	0.19	-	0.19
NON MINE NATIVES	0.41	0.37	0.39
COLOURED	0.00	1.30	0.68
ASIATIC	0.00	1.68	0.83
ALL NON-EUROPEANS	0.31	0.53	0.37
ALL RACES	0.45	0.55	0.48

(3) RESPIRATORY DISEASE (INCLUDING INFLUENZAL PNEUMONIA)

(a) TOTAL DEATHS : CAUSES

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
BRONCHITIS	4	1	5		4	4	8	3	0	3	1	0	1	12	5	17
PNEUMONIA (ALL FORMS)	14	0	14	10	133	94	227	7	2	9	1	2	3	165	98	263
OTHER DISEASES	7	3	10		2	5	7	0	1	1				9	9	18
TOTAL	25	4	29	10	139	103	242	10	3	13	2	2	4	186	112	298

(b) DEATH IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year	4	0	4		59	43	102	2	1	3	1	2	3	66	46	112
1 - 4 Years					22	32	54	1	1	2				23	33	56
5 - 9 Years					2	3	5							2	3	5
10 - 14 Years					2	0	2							2	0	2
15 - 19 Years				1	2	1	3							3	1	4
20 - 24 Years				3	4	3	7							7	3	10
25 - 29 Years					6	1	7							6	1	7
30 - 34 Years				1	6	2	8	2	0	2				9	2	11
35 - 39 Years				1	4	3	7	1	0	1				6	3	9
40 - 44 Years	1	0	1	1	4	1	5	1	0	1				7	1	8
45 - 49 Years	2	1	3	1	9	0	9							12	1	13
50 - 54 Years	2	0	2	1	3	0	3	1	0	1				7	0	7
55 - 59 Years	2	0	2	1	4	3	7	1	0	1				8	3	11
60 - 64 Years	3	0	3		3	1	4							6	1	7
65 - 69 Years	3	1	4		3	3	6	1	0	1				7	4	11
70 - 74 Years	3	1	4		3	2	5	0	1	1				6	4	10
Over 75 Years	5	1	6		3	5	8				1	0	1	9	6	15
TOTAL	25	4	29	10	139	103	242	10	3	13	2	2	4	186	112	298

(c) DEATH RATES PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	1.93	0.32	1.18
MINE NATIVES	0.66	-	0.66
NON MIN NATIVES	6.38	7.87	6.97
COLOURED	7.30	1.95	4.42
ASIATIC	3.32	3.36	3.34
ALL NON-EUROPEAN	4.15	7.05	4.97
ALL RACES	3.66	4.04	3.79

INFANTILE MORTALITY

(a) DEATHS IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	2	1	3	13	6	19	1	2	3	0	1	1	16	10	26
AUGUST	1	0	1	15	4	19	2	0	2				18	4	22
SEPTEMBER				7	11	18	1	0	1				8	11	19
OCTOBER	1	0	1	10	12	22	1	0	1	1	1	2	13	13	26
NOVEMBER	3	0	3	8	10	18							11	10	21
DECEMBER	1	1	2	21	11	32	0	2	2				22	14	36
JANUARY				15	22	37	0	1	1	1	1	2	16	24	40
FEBRUARY	1	2	3	14	11	25	1	0	1				16	13	29
MARCH	3	1	4	15	13	28							18	14	32
APRIL	0	1	1	12	9	21	0	2	2				12	12	24
MAY	3	2	5	11	9	20	3	0	3				17	11	28
JUNE				6	3	9				1	1	2	7	4	11
TOTAL	15	8	23	147	121	268	9	7	16	3	4	7	174	140	314

(b) CAUSES OF DEATH

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
008 C.S. MENINGITIS	1	0	1										1	0	1
011 PERTUSSIS	0	1	1	2	1	3							2	2	4
043 CONGENITAL SYPHILIS				1	3	4							1	3	4
163 MALNUTRITION				5	4	9	1	0	1				6	4	10
168 PELLAGRA				0	1	1							0	1	1
300 CEREBRAL ABSCESS				1	0	1							1	0	1
402 ACUTE BRONCHITIS				1	0	1							1	0	1
404 BRONCHO PNEUMONIA	3	0	3	50	40	90	2	1	3	1	2	3	56	43	99
405 LOBAR PNEUMONIA	1	0	1	8	4	12							9	4	13
458 ENTERITIS	1	0	1	45	45	90	3	1	4	1	0	1	50	46	96
700 HYDROCEPHALUS	0	1	1	3	0	3							3	1	4
703 MONSTROSITIES				1	0	1							1	0	1
706 IMPERFORATE ANUS							0	1	1				0	1	1
707 CYSTIC KIDNEY	1	0	1										1	0	1
751 PREMATURITY	6	5	11	19	15	34	3	2	5	1	1	2	29	23	52
752 BIRTH INJURY	1	0	1	3	2	5							4	2	6
754 ATELECTASIS	0	1	1	5	4	9	0	1	1	0	1	1	6	6	12
757 MELAENA				2	0	2							2	0	2
758 OTHER DISEASES	1	0	1	1	1	2							2	1	3
864 INFANTICIDE							0	1	1				0	1	1
952 FOUND DEAD				0	1	1							0	1	1
TOTAL	15	8	23	147	121	268	9	7	16	3	4	7	174	140	314

(c) DEATHS IN AGE GROUPS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1st Day	10	5	15	13	9	22	3	4	7	1	2	3	27	20	47
1st Week	1	0	1	13	14	27	0	2	2				14	16	30
2nd Week				9	6	15							9	6	15
3rd Week				3	4	7							3	4	7
1 Month	0	1	1	8	13	21							8	14	22
2 - 3 Months	1	0	1	36	25	61	2	0	2	1	1	2	40	26	66
4 - 5 Months	1	1	2	17	17	34							18	18	36
6 - 8 Months	1	0	1	29	24	53	1	1	2				31	25	56
9 - 12 Months	1	1	2	19	9	28	3	0	3	1	1	2	24	11	35
TOTAL	15	8	23	147	121	268	9	7	16	3	4	7	174	140	314

(d) INFANTILE MORTALITY RATES

	MALE	FEMALE	TOTAL
EUROPEAN	43.23	22.92	33.05
NON MINING NATIVE	332.56	277.52	305.24
COLOURED	142.86	129.81	136.75
ASIATIC	78.95	141.14	105.10
ALL NON-EUROPEAN	292.81	254.82	274.34
ALL RACES	190.54	161.48	178.65

ENTERITIS (UNDER 2 YEARS)

(a) DEATHS IN MONTHS

	EUROPEAN			NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY				1	0	1							1	0	1
AUGUST				2	3	5							2	3	5
SEPTEMBER							1	0	1				1	0	1
OCTOBER	1	0	1	2	4	6	1	0	1				4	4	8
NOVEMBER				5	10	15	1	0	1				6	10	16
DECEMBER				16	9	25							16	9	25
JANUARY				12	15	27				1	0	1	13	15	28
FEBRUARY				8	9	17	1	0	1				9	9	18
MARCH				3	9	12							3	9	12
APRIL				8	10	18	0	1	1				8	11	19
MAY				3	2	5							3	2	5
JUNE				1	1	2							1	1	2
TOTAL	1	0	1	61	72	133	4	1	5	1	0	1	67	73	140

PULMONARY T.B. (INCLUDING 413)

(a) DEATHS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	1	1	2	3	4	7							5	5	10
AUGUST	2	1	3	1	3	1	4							6	2	8
SEPTEMBER	1	0	1		2	3	5							3	3	6
OCTOBER				1	4	1	5	0	1	1				5	2	7
NOVEMBER					2	2	4							2	2	4
DECEMBER					1	0	1							1	0	1
JANUARY				4	1	2	3	0	1	1				5	3	8
FEBRUARY					1	1	2							1	1	2
MARCH	1	0	1	1	4	0	4							6	0	6
APRIL	2	0	2	1	1	3	4							4	3	7
MAY					4	2	6							4	2	6
JUNE	2	0	2	1	1	0	1							4	0	4
TOTAL	8	2	10	11	27	19	46	0	2	2				46	23	69

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year														0	0	0
1 to 4 Years					1	0	1							1	0	1
5 - 9 Years					1	2	3							1	2	3
10 - 14 Years														0	0	0
15 - 19 Years					1	2	3							1	2	3
20 - 24 Years				1	2	3	5	0	1	1				3	4	7
25 - 29 Years				1	8	3	11							9	3	12
30 - 34 Years				2	0	1	1							2	1	3
35 - 39 Years	1	1	2	2	2	4	6							5	5	10
40 - 44 Years				2	4	1	5							6	1	7
45 - 49 Years				2	5	2	7	0	1	1				7	3	10
50 - 54 Years	1	0	1	1										2	0	2
55 - 59 Years	2	0	1		2	0	2							4	0	4
60 - 64 Years	1	1	2		1	1	2							2	2	4
65 - 69 Years	2	0	2											2	0	2
70 and Over	1	0	1											1	0	1
TOTAL	8	2	10	11	27	19	46	0	2	2				46	23	69

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	0.62	0.16	0.38
MINING NATIVES	0.72	-	0.72
NON MIN NATIVES	1.23	1.45	1.32
COLOURED	0.00	1.30	0.68
ASIATIC	0.00	0.00	0.00
ALL NON-EUROPEAN	0.98	1.37	1.09
ALL RACES	0.91	0.80	0.88

T.B. ALL FORMS (INCLUDING 413)

(a) DEATHS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	1	1	2	3	4	7							5	5	10
AUGUST	2	1	3	1	3	1	4							6	2	8
SEPTEMBER	1	0	1		2	3	5							3	3	6
OCTOBER	1	0	1	2	4	1	5	0	1	1				7	2	9
NOVEMBER				2	2	2	4							4	2	6
DECEMBER					1	0	1	0	1	1				1	1	2
JANUARY				5	1	2	3							6	2	8
FEBRUARY					1	1	2							1	1	2
MARCH	1	0	1	2	4	0	4							7	0	7
APRIL	2	0	2	1	1	3	4							4	3	7
MAY				1	4	2	6							5	2	7
JUNE	2	0	2	1	2	0	2							5	0	5
TOTAL	9	2	11	17	28	19	47	0	2	2	1	0	1	55	23	78

(b) DEATHS IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year																
1 - 4 Years					2	0	2				1	0	1	3	0	3
5 - 9 Years					1	2	3							1	2	3
10 - 14 Years														0	0	0
15 - 19 Years					1	2	3							1	2	3
20 - 24 Years	1	0	1	2	2	3	5	0	1	1				5	4	9
25 - 29 Years				1	8	3	11							9	3	12
30 - 34 Years				2	0	1	1							2	1	3
35 - 39 Years	1	1	2	3	2	4	6							6	5	11
40 - 44 Years				2	4	1	5							6	1	7
45 - 49 Years				5	5	2	7	0	1	1				10	3	13
50 - 54 Years	1	0	1	2										3	0	3
55 - 59 Years	2	0	2		2	0	2							4	0	4
60 - 64 Years	1	1	2		1	1	2							2	2	4
65 - 69 Years	2	0	2											2	0	2
70 and over	1	0	1											1	0	1
TOTAL	9	2	11	17	28	19	47	0	2	2	1	0	1	55	23	78

(c) DEATHS PER 1,000 POPULATION PER ANNUM

	MALE	FEMALE	TOTAL
EUROPEAN	0.69	0.16	0.42
MINING NATIVES	1.12	-	1.12
NON MIN NATIVES	1.29	1.45	1.34
COLOURED	0.00	1.30	0.68
ASIATIC	1.66	0.00	0.83
ALL NON-EUROPEAN	1.18	1.36	1.24
ALL RACES	1.08	0.80	0.99

INFECTIOUS DISEASES

(a) NOTIFICATIONS IN MONTHS

	EUROPEAN	MIN NAT	NON MIN NAT	COLOURED	ASIATIC	TOTAL
JULY	5	1	61	5	1	73
AUGUST	7	10	25	3	-	45
SEPTEMBER	25	9	28	-	1	63
OCTOBER	92	24	18	11	3	148
NOVEMBER	33	19	13	7	1	73
DECEMBER	43	13	18	4	-	78
JANUARY	14	10	8	1	1	34
FEBRUARY	16	4	14	2	-	36
MARCH	31	8	12	-	1	52
APRIL	79	4	9	2	-	94
MAY	76	3	23	2	3	107
JUNE	128	24	45	1	2	200
TOTAL	549	129	274	38	13	1,003

(b) NOTIFICATIONS RECEIVED AND ACCEPTED

	EUROPEAN	MIN NAT	NON MIN NAT	COLOURED	ASIATIC	TOTAL
MEASLES	404	56	56	18	0	534
PERTUSSIS	63	0	107	7	2	179
SCARLET FEVER	43	0	0	0	1	44
DIPHTHERIA	3	0	12	0	1	16
TYPHOID FEVER	5	0	10	1	1	17
C.S. MENINGITIS	10	44	12	2	2	70
PULMONARY T.B.	10	23	66	4	2	105
NON PULMONARY T.B.	0	6	0	4	0	10
AC. POLIOMYELITIS	6	0	2	2	0	10
PUERPERAL SEPSIS	1	-	1	0	0	2
AC. INFECT. ENCEPHALITIS	1	0	1	0	0	2
SMALL POX	1	0	3	0	5	9
OPH. NEONATORUM	0	-	2	0	0	2
ERYSIPELAS	2	0	1	0	0	3
TOTAL	549	129	274	38	14	1,003

(c) MEASLES

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY					1	0	1							1	0	1
AUGUST				3	1	0	1	0	1	1				4	1	5
SEPTEMBER	15	5	20		3	0	3							18	5	23
OCTOBER	42	40	82	17	2	3	5	2	7	9				63	50	113
NOVEMBER	16	13	29	9	3	1	4	1	4	5				29	18	47
DECEMBER	15	20	35	8	4	2	6	0	1	1				27	23	50
JANUARY	3	3	6	2										5	3	8
FEBRUARY	1	0	1					0	2	2				1	2	3
MARCH	4	8	12		1	0	1							5	8	13
APRIL	22	27	49		2	0	2							24	27	51
MAY	26	27	53		2	2	4							28	29	57
JUNE	68	49	117	17	18	11	29							103	60	163
TOTAL	212	192	404	56	37	19	56	3	15	18	0	0	0	308	226	534

(d) PERTUSSIS - NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	1	1		17	34	51	1	3	4				18	38	56
AUGUST	0	1	1		5	7	12	0	1	1				5	9	14
SEPTEMBER	3	0	3		3	15	18							6	15	21
OCTOBER					2	1	3							2	1	3
NOVEMBER					1	3	4							1	3	4
DECEMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JANUARY	2	1	3		0	1	1							2	2	4
FEBRUARY	1	5	6		3	0	3							4	5	9
MARCH	4	8	12		0	1	1				0	1	1	4	10	14
APRIL	5	14	19		1	0	1							6	14	20
MAY	4	10	14		0	4	4	0	1	1	0	1	1	4	16	20
JUNE	0	4	4		6	3	9	0	1	1				6	8	14
TOTAL	19	44	63	0	38	69	107	1	6	7	0	2	2	58	121	179

(e) DIPHTHERIA

(i) NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY					2	1	3							2	1	3
AUGUST	0	1	1		1	1	2							1	2	3
SEPTEMBER														0	0	0
OCTOBER	1	0	1											1	0	1
NOVEMBER											1	0	1	1	0	1
DECEMBER														0	0	0
JANUARY														0	0	0
FEBRUARY					2	0	2							2	0	2
MARCH	1	0	1											1	0	1
APRIL					0	1	1							0	1	1
MAY					1	2	3							1	2	3
JUNE					0	1	1							0	1	1
TOTAL	2	1	3	0	6	6	12				1	0	1	9	7	16

(ii) NUMBER OF PERSONS IMMUNISED

EUROPEAN	485	(81 by Private Practitioners)
NON-EUROPEAN	65	
TOTAL	550	

(f) SCARLET FEVER

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	1	2											1	1	2
AUGUST	0	1	1											0	1	1
SEPTEMBER														0	0	0
OCTOBER	1	1	2								1	0	1	2	1	3
NOVEMBER	2	0	2											2	0	2
DECEMBER	1	4	5											1	4	5
JANUARY	1	2	3											1	2	3
FEBRUARY	5	3	8											5	3	8
MARCH	3	1	4											3	1	4
APRIL	2	1	3											2	1	3
MAY	3	3	6											3	3	6
JUNE	3	4	7											3	4	7
TOTAL	22	21	43	0	0	0	0	0	0	0	1	0	1	23	21	44

(g) ACUTE POLIOMYELITIS

NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	0	1	1											0	1	1
AUGUST								0	1	1				0	1	1
SEPTEMBER														0	0	0
OCTOBER	1	0	1											1	0	1
NOVEMBER					0	1	1							0	1	1
DECEMBER								0	1	1				0	1	1
JANUARY														0	0	0
FEBRUARY					1	0	1							1	0	1
MARCH	1	0	1											1	0	1
APRIL	0	3	3											0	3	3
MAY														0	0	0
JUNE														0	0	0
TOTAL	2	4	6		1	1	2	0	2	2				3	7	10

(h) ENTERIC FEVER

(i) NOTIFICATIONS IN MONTHS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY					0	1	1							0	1	1
AUGUST	1	1	2											1	1	2
SEPTEMBER														0	0	0
OCTOBER														0	0	0
NOVEMBER														0	0	0
DECEMBER					1	1	2							1	1	2
JANUARY	0	1	1		2	1	3	1	0	1	1	0	1	4	2	6
FEBRUARY	0	1	1											0	1	1
MARCH	1	0	1		1	0	1							2	0	2
APRIL					0	1	1							0	1	1
MAY					1	0	1							1	0	1
JUNE					1	0	1							1	0	1
TOTAL	2	3	5		6	4	10	1	0	1	1	0	1	10	7	17

(ii) NUMBER OF PERSONS IMMUNISED

EUROPEAN	4
NON-EUROPEAN	99
TOTAL	103

(iii) VI TESTS

(a) NUMBER OF BLOOD TESTS TAKEN	EUROPEAN	167
	NON-EUROPEAN	595
	TOTAL	762
(b) Number OF VI-POSITIVE	EUROPEAN	1
	NON-EUROPEAN	18
	TOTAL	19

(i) TUBERCULOSIS

(i) NOTIFICATIONS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
PULMONARY T.B.	8	2	10	23	36	30	66	0	4	4	1	1	2	68	37	105
NON. PULM.T.B.	0	0	0	6	0	0	0	3	1	4	0	0	0	9	1	10
TOTAL	8	2	10	29	36	30	66	3	5	8	1	1	2	77	38	115

(ii) PULMONARY T.B.

NOTIFICATIONS IN AGE GROUPS

	EUROPEAN			MIN NAT	NON MIN NAT			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 Year					0	1	1							0	1	1
1 - 4 Years					1	0	1				1	0	1	2	0	2
5 - 9 Years					0	2	2							0	2	2
10 - 14 Years														0	0	0
15 - 19 Years					3	2	5							3	2	5
20 - 24 Years				3	4	12	16	0	1	1				7	13	20
25 - 29 Years	0	1	1	1	5	2	7	0	2	2	0	1	1	6	6	12
30 - 34 Years				1	4	3	7							5	3	8
35 - 39 Years	2	0	2	5	5	2	7							12	2	14
40 - 44 Years				2	4	2	6							6	2	8
45 - 49 Years	1	0	1	5	4	3	7	0	1	1				10	4	14
50 - 54 Years	3	0	3	1	3	1	4							7	1	8
55 - 59 Years				4	1	0	1							5	0	5
60 - 64 Years	1	1	2	1	1	0	1							3	1	4
65 - 69 Years	1	0	1		1	0	1							2	0	2
Over 70 Years																
TOTAL	8	2	10	23	36	30	66	0	4	4	1	1	2	68	37	105

(iii) T.B. CLINIC : NO. OF CONTACTS EXAMINED

EUROPEAN	42
NON-EUROPEAN	329

(iv) VARIOUS RATES

	INCIDENCE RATES : PULMONARY T.B. (NOTIFICATIONS PER 1,000 POPULATION)	INCIDENCE RATES : T.B. (ALL FORMS) (NOTIFICATIONS PER 1,000 POPULATION)
EUROPEAN	0.39	0.39
MIN. NAT.	1.52	1.92
NON MIN. NAT.	1.89	1.89
COLOURED	1.37	2.74
ASIATIC	1.67	1.67
ALL NON-EUROPEAN	1.75	1.94
ALL RACES	1.34	1.46

REMOVALS TO HOSPITAL

INFECTIOUS DISEASES

(i) BOKSBURG-BENONI AND OTHER HOSPITALS

	EUROPEAN	NON MIN NAT	COLOURED	ASIATIC	TOTAL
MEASLES	6	7			13
PERTUSSIS	4	2			6
SCARLET FEVER	5				5
DIPHTHERIA	5	11		2	18
C.S. MENINGITIS	9	11		1	21
ENTERIC FEVER	5	11		2	18
PULMONARY T.B.	5	42	2	2	51
NON PULM. T.B.	1		2		3
ERYSIPELAS	2	1			3
AC. POLIOMYELITIS	8	2	2		12
ENCEPHALITIS	1	1			2
PUERPERAL SEPSIS	1	2			3
TOTAL	52	90	6	7	155

(ii) RIETFONTEIN HOSPITAL

	EUROPEAN	NON MIN NAT	ASIATIC	TOTAL
SYPHILIS	1	275		276
GONORRHOEA	2	68		70
OPH. NEONATORUM	0	2		2
SMALL POX	1	3	5	9
TOTAL	4	348	5	357

(iii) MINE HOSPITALS

MEASLES	55
C.S. MENINGITIS	46
PULMONARY T.B.	27
NON PULMONARY T.B.	4
TOTAL	132

MATERNAL AND CHILD WELFARE

(i) ANTE-NATAL CLINICS

	EUROPEAN	NON-EUROPEAN NON MIN NAT	COLOURED	ASIATIC	ALL N.E.'s	ALL RACES TOTAL
NEW CASES	145	1,098	94	10	1,202	1,347
INDIVIDUAL CASES	454	2,633	268	43	2,944	3,398
ATTENDANCES	721	7,603	566	92	8,261	8,982
VISITS	16	423	213	116	752	768
TOTAL	737	8,026	779	208	8,013	9,750

(ii) CHILD WELFARE CLINICS

	N'MEAD	TOWN	ALL EUR.	NON-EUROPEAN NON MIN NAT	COL.	AS.	TOTAL	ALL RACES TOTAL
NEW CASES	163	328	491	373	93	18	484	975
INDIVIDUAL CASES	1177	2014	3191	1320	524	87	1931	5122
ATTENDANCES AT CLINICS	2910	4698	7608	3775	1247	200	5222	12830
FIRST VISITS:-								
(a) BREAST FED	304	243	547	344	120	158	622	1169
(b) ARTIFICIALLY FED	13	21	34	59	17	3	79	113
(c) MIXED FED	56	20	76	40	7	1	48	124
INFANTILE MORTALITY	3	13	16	73	20	3	96	112
STILL BIRTHS	7	9	16	74	44	19	137	153
REVISITS:-								
0 - 1 Years	584	569	1153	496	355	262	1113	2266
1 - 6 Years	161	167	328	478	367	258	1103	1431
TOTAL	4038	5740	9778	5339	2177	904	8420	18198

(iii) VISITS, INSPECTIONS ETC.

	EUROPEAN	NON MIN NAT	COLOURED	ASIATIC	TOTAL
INFECTIOUS DISEASES	-	2	-	-	2
V.D. DEFAULTERS	2	498	286	83	869
SHOP INSPECTIONS	74	-	-	-	74
SUB-ECONOMIC HOUSES	204	-	-	-	204
TOTAL	280	500	286	83	1149

DISTRICT MIDWIFERY SERVICES

CASES CONFINED IN MONTHS

	CONFINED ON DISTRICT					CONFINED IN HOSPITAL					ALL CASES				
	EUR.	NAT.	COL.	AS.	TOTAL	EUR.	NAT.	COL.	AS.	TOTAL	E.	N.	C.	A.	TOTAL
JULY	1	17	2	0	20	6	47	2	0	55	7	64	4	0	75
AUGUST	3	43	1	0	47	2	21	3	1	27	5	64	4	1	74
SEPTEMBER	0	24	2	0	26	1	42	1	0	44	1	66	3	0	70
OCTOBER	2	29	3	0	34	7	40	3	0	50	9	69	6	0	84
NOVEMBER	0	14	2	0	16	5	36	1	0	42	5	50	3	0	58
DECEMBER	0	14	1	0	15	8	51	0	0	59	8	65	1	0	74
JANUARY	0	23	4	0	27	5	44	3	0	52	5	67	7	0	79
FEBRUARY	1	24	5	0	30	7	36	4	0	47	8	60	9	0	77
MARCH	1	24	1	0	26	6	36	1	1	44	7	60	2	1	70
APRIL	0	19	2	0	21	7	64	4	1	76	7	83	6	1	97
MAY	2	14	4	2	22	15	58	4	1	78	17	72	8	3	100
JUNE	0	14	6	0	20	11	48	2	0	61	11	62	8	0	81
TOTAL	10	259	33	2	304	80	523	28	4	635	90	782	61	6	939

RACE WELFARE

ATTENDANCES IN MONTHS

	EUROPEANS		NON-EUROPEANS		ALL RACES	
	NEW CASES	ATTEND-ANCES	NEW CASES	ATTEND-ANCES	NEW CASES	ATTEND-ANCES
JULY	13	37	3	6	16	43
AUGUST	6	30	1	4	7	34
SEPTEMBER	5	30	1	5	6	35
OCTOBER	10	39	3	4	13	43
NOVEMBER	7	30	1	4	8	34
DECEMBER	12	33	0	6	12	39
JANUARY	12	32	2	6	14	38
FEBRUARY	14	30	3	4	17	34
MARCH	18	35	0	6	18	41
APRIL	13	23	3	4	16	27
MAY	8	30	1	4	9	34
JUNE	19	30	5	6	24	36
TOTAL	137	379	23	59	160	438

BOKSBURG-BENONI HOSPITAL : OUTPATIENTS DEPARTMENT

MONTHLY ATTENDANCES

	EUROPEANS		NON EUROPEANS		TOTAL	
	PATIENTS	ATTEND.	PATIENTS	ATTEND.	PATIENTS	ATTEND.
JULY	172	268	1072	1992	1244	2260
AUGUST	188	290	1215	1952	1403	2242
SEPTEMBER	160	268	1397	2288	1557	2256
OCTOBER	101	219	1015	1750	1116	1969
NOVEMBER	160	230	1609	2492	1769	2722
DECEMBER	127	177	1584	2651	1711	2828
JANUARY	118	277	1549	2284	1667	2561
FEBRUARY	132	237	1493	2378	1625	2615
MARCH	207	308	2019	2980	2226	3288
APRIL	160	2813	1901	3039	2061	5852
MAY	174	230	1861	3177	2035	3407
JUNE	209	320	2187	3797	2396	4117
TOTAL	1908	5637	18902	30780	20810	36417

PASS OFFICE : MEDICAL EXAMINATION NATIVES

(i) NATIVE MALES

	NO. EXAMINED	NO. REFERRED TO V.D. CLINIC	NO. REFERRED TO V.D.HOSPITAL
JULY	1076	111	24
AUGUST	1116	142	31
SEPTEMBER	1036	124	23
OCTOBER	1083	157	21
NOVEMBER	966	151	17
DECEMBER	2185	232	21
JANUARY	699	97	28
FEBRUARY	1642	160	20
MARCH	1747	167	29
APRIL	1216	71	11
MAY	1250	116	25
JUNE	1304	60	24
TOTAL	15320	1588	274

(ii) NATIVE FEMALES

NUMBER EXAMINED 91
NUMBER SENT TO V.D. HOSPITAL 70

(iii) NUMBER VACCINATION E.D. 968

VENEREAL DISEASE

(a) ATTENDANCES IN MONTHS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	18	13	31	435	696	1131	6	26	32	0	5	5	459	740	1199
AUGUST	16	10	26	425	693	1118	5	42	47	0	2	2	446	647	1093
SEPTEMBER	17	13	30	577	794	1371	3	34	37	2	7	9	599	848	1447
OCTOBER	20	9	29	464	715	1179	5	23	28	8	1	9	497	755	1252
NOVEMBER	8	11	19	559	761	1320	5	46	51	1	15	16	573	833	1406
DECEMBER	6	8	14	430	796	1226	2	23	25	1	2	3	439	829	1268
JANUARY	3	1	4	439	575	1014	11	29	40	0	7	7	453	612	1065
FEBRUARY	5	1	6	396	628	1024	7	25	32	0	11	11	408	665	1073
MARCH	8	0	8	622	887	1509	10	44	54	1	10	11	641	938	1579
APRIL	4	19	23	479	621	1100	7	44	51	0	4	4	490	688	1178
MAY	4	0	4	362	576	938	5	43	48	0	2	2	371	621	992
JUNE	5	6	11	444	692	1136	5	59	64	2	4	6	456	761	1217
TOTAL	114	91	205	5632	8434	14066	71	438	509	15	70	85	5832	9033	14865

(b) NEW CASES (EXCLUDING SENT TO HOSPITAL)

	EUROPEAN			NATIVE			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
JULY	1	0	1	47	79	126	1	1	2	0	0	0	49	80	129
AUGUST	0	0	0	50	78	128	0	2	2	0	1	1	58	81	139
SEPTEMBER	1	1	2	71	76	147	0	0	0	1	1	2	73	78	151
OCTOBER	0	0	0	48	60	108	0	0	0	0	0	0	48	60	108
NOVEMBER	1	0	1	33	69	102	0	4	4	0	2	2	34	75	109
DECEMBER	0	0	0	33	73	106	0	3	3	0	0	0	33	76	109
JANUARY	0	0	0	32	54	86	0	3	3	0	0	0	32	57	89
FEBRUARY	1	0	1	27	63	90	0	2	2	0	2	2	28	67	95
MARCH	1	0	1	52	80	132	0	3	3	1	0	1	54	83	137
APRIL	0	1	1	30	65	95	1	2	3	0	0	0	31	68	99
MAY	2	0	2	41	42	83	0	6	6	0	0	0	43	47	90
JUNE	0	0	0	22	62	84	0	0	0	2	0	2	24	62	86
TOTAL	7	2	9	486	801	1287	2	26	28	4	6	10	499	835	1334

(c) ALL CLINICS

	EUROPEAN			NATIVE			COLOURED			ASIATIC			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
NEW CASES:-															
SYPHILIS	6	2	8	485	801	1286	2	26	28	4	6	10	497	835	1332
GONORRHOEA	1	0	1	1	0	1	0	0	0	0	0	0	2	0	2
TOTAL	7	2	9	486	801	1287	2	26	28	4	6	10	499	835	1334
ATTENDANCES:-															
SYPHILIS	114	91	205	5632	8434	14066	71	438	509	15	70	85	5832	9033	14865
GONORRHOEA	1	0	1	1	0	1	0	0	0	0	0	0	2	0	2
TOTAL V.D. ATTENDANCES	115	91	206	5633	8434	14067	71	438	509	15	70	85	5834	9033	14867
NON V.D.	7	117	124	569	1623	2192	5	86	91	5	15	20	586	1841	2427
TOTAL ATTENDANCES	122	208	330	6202	10057	16259	76	524	600	20	85	105	6420	10874	17294
W.R.'S															
NO. NEGATIVE	7	117	124	569	1623	2192	5	86	91	5	15	20	586	1841	2427
NO. POSITIVE	5	5	10	214	813	1027	2	33	35	1	2	3	222	853	1075
TOTAL TAKEN	12	122	134	783	2436	3219	7	119	126	6	17	23	808	2694	3502
INJECTIONS:-															
INTRA-MUSCULAR	47	43	90	664	1226	1890	33	66	99	2	28	30	746	1363	2109
INTRA-VENOUS	67	8	75	4530	6008	10538	33	304	337	12	44	56	4642	6364	11006
TOTAL	114	51	165	5194	7234	12428	66	370	436	14	72	86	5388	7727	13115

WORK OF HEALTH INSPECTORS : ANNUAL REPORT (TOWN)

Notices	944
Aerated Water Manufacturers	35
Butcher Shops	590
Baker Shops (Without Bakehouses)	20
Bakehouses	125
Butchers' Carts and Carriers	32
Bakers' Carts	18
Dealers' and General Dealers' Shops (Food)	2246
Dealers' and General Dealers' Shops (No Food)	2198
Dairy Stables and Dairies	1257
Fish and Poultry Shops	198
Hawkers' Premises	23
Hawkers' Carts	4
Ice Cream (Purveyors and Manufacturers of)	48
Ice Cream Carts	16
Kaffir Eating Houses	762
Milkshops (Purveyors of Milk)	333
Milk Delivery Carts	196
Municipal Market	328
Other places where Food is manufactured	43
Other Factory or Workshop	6
Other Visits	893
Residential Hotels, Boarding Houses	254
Tea Shops, Cafes, Restaurants and Eating Houses	619
Theatres and Bioscopes	36
Common Lodging Houses	2
Cattle Dealers' Premises	88
Hairdressers	206
Tenement Houses	11
Accumulation of Manure	42
Blood Tests	670
Complaints	721
Courts, Alleys, Lanes	162
Drains, - defective, insufficient, choked, dirty	274
Disinfection of Premises	3
House Inspections	2505
Horse Stables	633
Interviews	1013
Keeping of Animals	226
Mosquitoes (a) Standing Water	5
Native Housing	271
Other House Inspections	112
Open Ground	29
Pail Closets - (a) Dirty	57
(b) Defective	46
(c) Insufficient	49
Plans - (a) Buildings: (1) Approved without Comment	399
(2) Number referred back for amendment	63
(b) Drainage : (1) Approved without Comment	138
(2) Number referred back for amendment	18
Public Sanitary Conveniences	309
Permits: Urban Areas Act	2
Premises: Constructional Repairs	1249
Refuse Tips	51
Refuse: Accumulation of	613
Refuse Bins - (a) Broken	1194
(b) Insufficient	66
Undrained Premises	4

WORK OF HEALTH INSPECTORS : ANNUAL REPORT (TOWN)

CONTINUED

Stands Inspected	26
Sites or premises, re deposited plans	5
Visits to Compounds - (a) Mine	13
(b) Private	168
Visits in connection with Infectious Disease	611
Visits to premises in connection with Rodent Infestation	10,467
Visits to premises under cyanide fumigation	48
Visits to premises for vermin	31
Waste Water Receptacles	23
Water Closets - (a) Dirty	72
(b) Defective	171
(c) Insufficient	26
Prosecutions	32
Licences - (1) Application received	483
(2) Applications approved without comment	366
(3) Applications subject to conditions	101
(4) Applications not in order	6
(5) Applications withdrawn	1
(6) Applications in abeyance	16

REPORTS FOR TRANSMISSION TO ENGINEER'S OR OTHER DEPARTMENTS

Stopped drains	22
Unauthorised Structures	4
Structural defects to premises	2
Other defects	4
TOTAL	33,087

WORK OF HEALTH INSPECTORS : ANNUAL REPORT (LOCATION)

Notices	39
Butcher Shops	225
Bakehouses	25
Bakers' Carts	12
Dealers' and General Dealers' Shops (Food)	553
Dealers' and General Dealers' Shops (No Food)	195
Fish and Poultry Shops	121
Hawkers' Premises	86
Hawkers' Carts	54
Kaffir Eating Houses	4
Milkshops (Purveyors of Milk)	6
Milk Delivery Carts	9
Other Places where food is manufactured	29
Other Visits	409
Private Cowsheds	1
Pedlars' Premises	4
Tea Shops, Cafes, Restaurants and Eating Houses	35
Theatres and Bioscopes	19
Barracks	1
Hairdressers	49

WORK OF HEALTH INSPECTORS : ANNUAL REPORT (LOCATION) CONTINUED

Laundries	15
Accumulation of Manure	33
Complaints	97
Courts, Alleys, Lanes	15
Drains - defective, insufficient, choked, dirty	56
House Inspections	853
Horse Stables	53
Interviews	269
Keeping of Animals	88
Mosquitoes (a) Standing Water	22
Native Housing	6
Open Ground	8
Pail Closets - (a) Dirty	63
(b) Defective	18
(c) Insufficient	9
Public Sanitary Conveniences	3
Premises: Constructional Repairs	53
Refuse: Accumulation of	158
Refuse Bins - (a) Broken	76
(b) Insufficient	24
Undrained Premises	3
Sites or premises, re deposited plans	62
Visits in connection with Infectious Disease	345
Visits to premises in connection with Rodent Infestation	8
Wash Houses	11
Waste Water Receptacles	198
Prosecutions	11
Licences - (1) Applications received	218
(2) Applications approved without comment	128
(3) Applications subject to conditions	47
(4) Applications not in order	7
(5) Applications in abeyance	36

REPORTS FOR TRANSMISSION TO ENGINEER'S OR OTHER DEPARTMENTS

Stopped drains	1
Unauthorised Structures	14
Structural defects to premises	2
Other defects	106
Building Plans (Location)	10
TOTAL	4,809

FOODSTUFFS CONDEMNED

FRESH FRUIT AND VEGETABLES

Apples	13 Boxes
Decideous Fruit	381 Pockets
Dried Fruit	70 lbs
Guavas	9 Packets
Mangoes	16 Trays
Paw Paw	34 Boxes
Peas and Beans	79 Pockets
Peaches	33 Packets
Potatoes	159 Pockets
Tomatoes	14 Trays
Water Melons	20

FOODSTUFFS CONDEMNED

VARIOUS FRESH FOODS

Baker's Dough	150 lbs.
Biscuits	21 Packets
Bread	47 Loaves
Cheese	9 lbs.
Eggs	30 Dozen
Fresh Fish	121 lbs.
Fresh Meat	350 lbs.
Fresh Mutton	11½ Carcases
Offal	105 lbs.
Poultry	58 Carcases
Sausages	16 lbs.

TINNED FOODSTUFFS

Breakfast Foods	5 Cases
	99 Packets
Butter Relish	123 Bottles
Canned Fruit	318 Tins
Canned Vegetables	178 Tins
Condensed Milk	49 Tins
Condiments	218 Bottles
Curried Fish	7 Tins
Fish Paste	438 Tins
Grape Fruit Juice	13 Tins
Herrings in Tomato Sauce	496 Tins
Jam	176 Tins
Mayonaise	15 Bottles
Peanut Butter	1 Bottle
Pickled Tomatoes	27 Bottles
Pickles	29 Bottles
Potted Meat	50 Tins
Salmon	87 Tins
Sardines	916 Tins
Sausages	75 Tins
Soup	45 Tins
Steak and Kidney Pie	5,700 Tins
Stewed Steak	100 Tins
Unlabelled Foodstuffs	372 Tins

FOODS DRUGS AND DISINFECTANTS ACT

SAMPLES FOR CHEMICAL ANALYSIS

(a) MILK

(i) Number of samples taken	87
(ii) Number of samples returning milk fat above 4%	12
Number of samples returning milk fat between 3.5% and 4%	36
Number of samples returning milk fat between 3.0% and 3.5%	30
Number of samples returning milk fat below 3.0%	9
TOTAL	87
(iii) Number of samples returning milk solids (not fat) below 8.5%	16

FOODS DRUGS AND DISINFECTANTS ACT

CONTINUED

(b)	OTHER FOODSTUFFS	0
(c)	WATER	4

SAMPLES FOR BACTERIOLOGICAL EXAMINATION

(a) MILK

Samples taken	134
Organisms under 200000 per c.c.	73
Organisms above 200,000 per c.c.	61
B. Coli absent in 0.1 cc	60
B. Coli present in 0.1 c.c.	34
B. Coli present in 0.01 c.c.	27
B. Coli present in 0.001 c.c.	13

VISIBLE DIRT TESTS

107 Tests taken of which 15 were unsatisfactory

(b) WATER

Samples taken	6
Total count less than 50 Organisms per c.c.	2
Total count more than 50 Organisms per c.c.	4
B. Coli not present in 10 c.c.	5
B. Coli present in 10 c.c.	1

(c) ICE CREAM

Samples taken	10
Organisms under 200,000 per c.c.	8
Organisms over 200,000 per c.c.	2
B. Coli absent in 0.1 c.c.	9
B. Coli present in 0.1 c.c.	1
B. Coli present in 0.01 c.c.	0
B. Coli present in 0.001 c.c.	0

LICENCE APPLICATIONS

	APPLI-CATIONS RECEIVED	APPROVED NO CON-DITIONS	APPROVED AFTER CONDI-TIONS	NOT IN OR-DER	WITH DRAWN	INSUFFI-CIENT ADDRESS
BAKERS AND CONFEC-TIONERS	8	7	1	-	-	-
BIOSCOPES AND THEATRES	10	6	4	-	-	-
BOARDING HOUSES	26	20	6	-	-	-
BUTCHERS	43	30	13	-	-	-
CYCLE DEALERS	18	18	-	-	-	-
DAIRIES	52	46	5	1	-	-
FISHMONGERS	6	3	2	-	1	-
FUMIGATORS	2	2	-	-	-	-
GENERAL DEALERS	149	113	33	2	1	-
GREEN GROCERS	81	58	22	-	1	-
GROCERS	87	71	14	-	2	-
HAIRDRESSERS	27	26	1	-	-	-
HAWKERS	68	46	14	8	-	-
HOTELS	7	6	1	-	-	-
ICE CREAM MANUFACTURERS	3	3	-	-	-	-
KAFFIR EATING HOUSES	5	5	-	-	-	-
LAUNDRIES	2	2	-	-	-	-
MINERAL WATERS	47	40	7	-	-	-
PEDLARS	22	18	3	1	-	-
RESTAURANTS	55	38	15	1	1	-
MISCELANEOUS	51	42	7	1	1	-
TOTAL	769	600	148	14	7	-

PROSECUTIONS

LAW	OFFENCE	PENALTY
Public Health Act 113(1)	Selling Foodstuffs under unhygienic conditions	Guilty £2
Public Health Act 113(1)	Selling Foodstuffs under unhygienic conditions	Guilty £2
Public Health Act 113(1)	Selling Foodstuffs under unhygienic conditions	Guilty £2
Public Health Act 113(1)	Selling Foodstuffs under unhygienic conditions	Guilty £2
Public Health Act 113(1)	Selling Foodstuffs under unhygienic conditions	Guilty £2
Public Health Act 113(1)	Selling Foodstuffs under unhygienic conditions	Guilty £2
Foods Drugs and Disinfectants 17(3) 7(1)	Adulterated Milk	Guilty £7.10.
Foods Drugs and Disinfectants 17(3)	Deficiency of Butter Fat	Guilty £7.10.
Public Health Act Section 124	Failure to comply with Notice	Guilty £5
Dairy Bye Laws Section 2(A)	Trading without licence	Guilty £4
Public Health Act Section124	Failure to comply with Notice	Guilty £1
Foods Drugs and Disinfectants Act 17(3) 7(1)	Adulterated Milk	Guilty £7.10.

PROSECUTIONS CONTINUED

LAW	OFFENCE	PENALTY
Public Health Act 113(1)	Failure to protect Foodstuffs	Cautioned and Discharged.
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £1
Public Health Act 146(2) Foods Drugs and Disinfectants Act 32(a) Sect. 36	Obstructing Inspector in Course of Duties	Guilty £2
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £4
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £4
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £4
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £4
Public Health Act 124	Failure to comply with Notice	Guilty £3.3.0 and Costs
Public Health Act 124	Failure to comply with Notice	Guilty £3.3.0 and Costs
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £4
Food and Drugs Act 17(3) 7(1)	Adulterated Milk	Guilty £7.10.
Licencing Regulations	Hawking without a licence	Guilty £1
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £2
Public Health Act 124	Failure to comply with Notice	Guilty £2
Licencing Regulations	Hawking without a licence	Guilty £1
Licencing Regulations	Hawking without a licence	Guilty £1
Licencing Regulations	Hawking without a licence	Guilty £1
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £3
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £3
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £3
Food and Drugs Act 17(3)	Deficiency of Butter Fat	Guilty £10
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £1
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £1
Public Health Act 113(1)	Failure to protect Foodstuffs	Guilty £1
Public Health Act 124	Failure to comply with Notice	Guilty £2
Government Rodent Regulations Section 5; Section 156	Failure to comply with order	Fined £5 Suspended
Public Health Act 113(1)	Failure to protect Foodstuffs	Fined £3

PROSECUTIONS CONTINUED

LAW	OFFENCE	PENALTY
Public Health Act 113(1)	Failure to protect Foodstuffs	Fined £3
Public Health Act 113(1)	Sale of unsound Foodstuffs	Discharged
Hawkers and Pedlars Bye Laws	Hawking of Meat	Fined £1
Abattoir Bye Laws Section 97(B)	Unstamped Meat	Fined £5
Abattoir Bye Laws Section 97(B)	Unstamped Meat	Fined £5
Foods Drugs and Disinfectants Act 17(3)	Deficiency of Butter Fat	Fined £10
Foods Drugs and Disinfectants Act 17(3)	Deficiency of Butter Fat	Fined £10
Foods Drugs and Disinfectants Act 17(3) 7(1)	Adulterated Milk	Fined £10
Public Health Bye Laws 156(b) and (c)	Selling Cooked Foods in open	Fined £2
	TOTAL	£158.6.0.

ABATTOIR

	SLAUGHTERING				BY PRODUCTS PRODUCED(IN LBS.)		
	CATTLE	SHEEP	CALVES	PIGS	BLOOD MEAL	MEAT MEAL	FAT
JULY	1369	615	92	256	8100	12800	2000
AUGUST	1440	194	119	419	8000	14000	2000
SEPTEMBER	3157	197	139	515	20000	31000	4000
OCTOBER	2535	-	117	415	18000	20000	3200
NOVEMBER	2753	60	120	519	20000	25000	3200
DECEMBER	2924	60	112	119	18000	20000	2800
JANUARY	2618	22	383	451	18000	26000	3600
FEBRUARY	2131	168	107	490	15000	29450	4000
MARCH	2775	75	132	623	15000	29550	4000
APRIL	2915	10	99	463	17000	28000	3200
MAY	2801	1769	133	520	15000	30000	3600
JUNE	2034	361	97	707	11500	24500	3200
TOTAL	29452	3531	1640	5497	183600 lbs	290300 lbs	38800 lbs

(b) REVENUE

Ex Slaughter Fees	£4,907. 11. 3.
Ex Examination of Meat	714. 3. 0.
Rents and Disinfections	412. 7. 10.
Commission on Levy	98. 13. 4.
By Products Sales	4,953. 15. 4.
Cold Storage Fees	2,419. 16. 2.
Sundry Revenue	146. 0. 0.
Sale of Paunch Contents	110. 0. 0.
TOTAL	£13,762. 6. 11.

(c) EXPENDITURE £17,653. 16. 5.

(d) MEASLY CARCASSES TO COLD STORAGE

	NUMBER	WEIGHT
LOCAL	755	346,570 lbs.
IMPORTED	127	45,795 lbs.

(e) CONDEMNATIONS

Cattle	342
Sheep	54
Calves	5
Pigs	141

TOTAL WEIGHT 234,114 lbs.

VERMIN CONTROL

A. RODENT CONTROL

(a) NUMBER OF RODENTS DESTROYED:-

Domestic Rats (Ratus Ratus).....	14,008
Domestic Mice (Mus Musculus).....	10,565
Gerbilles (Tatoroma Lobongula).....	1,098
TOTAL	25,671

(b) NUMBER OF HOLES TREATED..... 25,736

(c) NUMBER OF VISITS..... 10,657

(d) AMOUNT OF MATERIAL USED:-

Cyanogas	...	1,225 lbs.
Poisoned Corn	...	795 lbs.
Brown Sugar	...	154 lbs.
Strychnine	...	5 lbs. 9 ozs.

B. FLY CONTROL

(a) Number of premises sprayed.....: 178

(b) Amount of material (D.D.T.) used..... 821 gallons

CLIMATIC DATA

Latitude: 26 degrees, 11 minutes South
Longitude: 28 degrees, 19 minutes East
Altitude: 5,400 feet

	TEMPERATURE				SUNSHINE HOURS PER DAY	MEAN DAILY RELATIVE HUMIDITY	RAINFALL	
	MEAN MAX	MEAN MIN	ABSOLUTE MAX	ABSOLUTE MIN			IN.	DAYS
JULY	64.1	41.0	69.7	26.8	9.3	58	0.14	1
AUGUST	71.8	44.7	78.8	35.0	10.3	41	0.00	0
SEPTEMBER	74.7	46.7	85.0	32.5	10.6	38	0.04	2
OCTOBER	76.6	54.5	87.8	43.8	8.8	56	2.58	9
NOVEMBER	74.4	54.0	80.5	43.3	8.4	67	3.78	14
DECEMBER	83.1	58.7	91.8	46.4	9.7	49	0.73	6
JANUARY	80.8	60.4	90.8	55.8	8.1	66	6.62	18
FEBRUARY	77.5	56.6	85.1	49.2	8.9	64	1.78	8
MARCH	74.7	54.3	82.6	42.2	7.3	67	0.69	4
APRIL	75.2	50.8	80.0	36.0	9.6	52	1.02	4
MAY	67.5	43.4	73.4	37.1	9.7	55	0.07	2
JUNE	63.7	40.7	69.1	35.5	8.0	58	0.29	3

TOTAL RAINFALL FOR YEAR ENDED 30TH JUNE, 1949.... 17.74 INCHES