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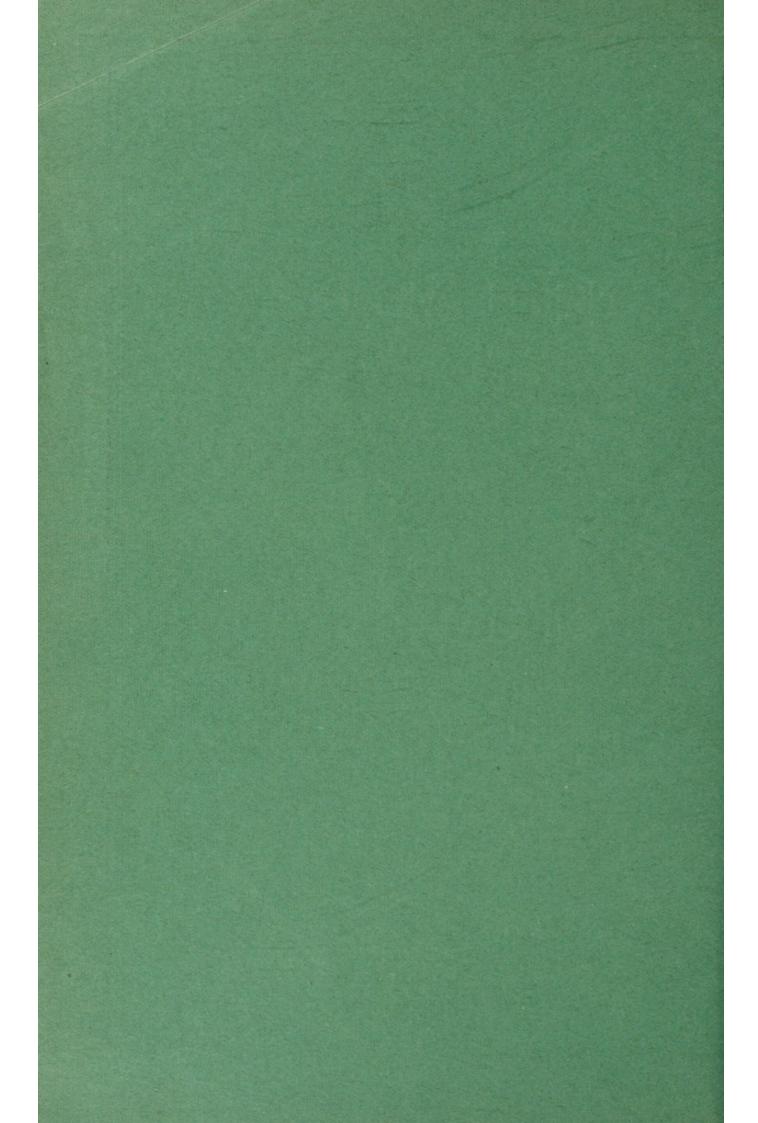
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SEVENTH ANNUAL REPORT

OF THE

Medical Officer of Health.





Nairobi Municipality Kenya.

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OF THE

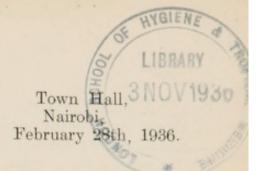
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His Worship the Mayor and Councillors of the Municipal Council of Nairobi.

Gentlemen,

I have the honour to present to you herewith my annual report on the sanitary circumstances, sanitary administration, vital statistics and other matters of a health nature, of the Municipality of Nairobi for the year 1935, as required by "The Local Government (Municipalities) Ordinance 1928," The Medical Officers of Health Rules, 1929," Sec. 2 (12)d.

I am, Gentlemen,

Your obedient servant,

H. W. TILLING,

M.R.C.S., L.R.C.P., D.P.H., Medical Officer of Health.

I. GENERAL.

The Local Government (Municipalities) Ordinance came into force as from 1929, thus this is the seventh year that the Municipal Council of Nairobi has been the public health authority for the Municipality of Nairobi.

The office of the public health department, which for the first half of the year was situated in the Rahimtulla Trust Building, Government Road, has been transferred to the new Town Hall recently built in the City Square.

The annual expenditure of the department for 1935 showed an increase of £683 over the amount expended in 1934, this increase was largely due to the expenditure of £668 on emergency measures in connection with the malaria epidemic, further, new expenditure to the extent of £581 was undertaken in connection with the taking over of the auxiliary health services for the last three months of the year.

The estimated total population of the Municipality shows an increase of 5.5% compared with that of the previous year. All races share in the increase, Europeans to the extent of 2.4%, Asiatics by 10% and Natives and others by 3.7%.

For the third consecutive year, less than the average amount of rain fell in Nairobi, the total amount for the year being 31.24 inches or 12.6% below the average of 35.77 inches.

Only three months namely, February, June and August registered an amount greater than the average, whilst for the first time on record no

rain fell at all during July.

The death rate for all races for the year was 13.9 per thousand population, an encouraging decrease compared with 14.8 for the previous year. The European death rate stands at 6.1, the Asiatic at 12.2 and the Native at 16.4. The Native death rate is the only one showing an increase over the rate for 1934.

During the year a total of 563 births were notified with 53 stillbirths, compared with 469 births and 45 stillbirths notified during 1934.

The birth rate per thousand married women between the ages of 20

and 49 is estimated at 39.8 for Europeans and 124.9 for Asiatics.

The proportion of stillbirths to total births is still high among the Indian community, although lower than last year. The percentage for 1935 was 13.7 compared with 17.8 for 1934.

A severe epidemic of malaria was experienced during the year lasting about six months and having its peak in May. This epidemic necessitated a considerable expenditure on emergency work.

During 1935, 3,500 cases of malaria were notified compared with 2,102 during 1934 and 1,071 during 1933.

Infant mortality during the year was high, the percentage of infant deaths to total deaths reaching 31.1, the highest figure for nine years. The percentage for Asiatics attained the high figure of 50.9, a considerable increase over last year, whilst the Native percentage increased from 19.2 to 26.5.

Apart from malaria, the number of notifiable diseases recorded totalled 149 which is slightly in excess of last year's, figure, the main cause of this excess being the increase in incidence of cerebrospinal fever and diseases of the enteric group.

Of the 84 miles of roads within the Municipality taken over by the Council, over 41 miles are now macadamised, the remainder being surfaced with murram.

Negotiations concerning the new water supply have been continued but it is to be hoped that during the coming year a start will be made on the construction of the pipe line.

Work in connection with the inspection of meat at the abattoir is progressively increasing, the total number of carcases inspected during the year being 50,661 compared with 47,338 during 1934.

A report by the Medical Officer in charge concerning Child Welfare and Clinics has been included in this year's report. These auxiliary health services were taken over by the Council as from the 1st October.

2. STAFF.

The establishment of the public health department includes the following staff:—

1 Medical Officer of Health.

1 Lady Medical Officer.

1 Chief Sanitary Inspector.

4 District Inspectors.

1 Meat and Food Inspector.

3 Health Visitors.

1 Sanitary Overseer.

1 Clerk.

Native Staff.

The details of the personnel of the staff employed during the year are as under:—

MEDICAL OFFICER OF HEALTH.

Dr. H. W. Tilling continued to carry out the duties throughout the year.

LADY MEDICAL OFFICER.

This is a new appointment. Dr. E. F. Hartley was appointed from 1st June, to take charge of the Child Welfare work.

CHIEF SANITARY INSPECTOR.

This post has not been filled since the Government seconded officer left in May 1931.

From the date this post was vacated, the duties have been carried

out by Mr. R. C. Forster.

As emphasised previously, the filling of this post would facilitate the efficient working of the department considerably.

Sanitary Inspectors.

Mr. R. C. Forster, Mr. D. Mackintosh and Mr. S. W. White

carried out their duties throughout the year.

Mr. F. G. Ward left on overseas leave on March, 19th, whilst on leave he tendered his resignation having obtained a Government appointment in Uganda.

MEAT AND FOOD INSPECTOR.

Mr. A. A. Watts carried out the duties throughout the year.

HEALTH VISITORS.

The Municipal Council assumed centrol of the Child Welfare work as from 1st October and appointed two temporary Health Visitors, Mrs. E. T. Dugmore and Mrs. W. Bailey, in addition to the Government seconded Health Visitor, Miss R. K. Sharp.

These three visitors continued their duties until the end of the year.

SANITARY OVERSEER.

Mr. T. Bagnall was employed throughout the year mainly on anti-malarial work.

CLERK.

Part time duties were performed by Miss A. Ritchie until the department moved into offices in the Town Hall at the end of June, since that time whole time duties have been performed by Miss W. W. Harris.

NATIVE STAFF.

The number of boys employed on the office staff comprise one headboy and notice server and two messengers.

The native staff of the clinics is composed of one male and four

female dressers.

The number employed on outside work comprise one motor driver, 6 rat boys, 4 oiling boys and one boy to assist in food inspection.

Twenty boys are employed on anti-malarial work, this gang is on the payroll of the engineering department.

Personnel of Health Department During 1935.

	From	To
Medical Officer of Health. Dr. H. W. Tilling	 1-1-35	31-12-35
LADY MEDICAL OFFICER. Dr. E. F. Hartley	 1-6-35	31-12-35

CHIEF SANITARY INSPECTOR.

Vacancy.

C T.						
SANITARY INSPECTORS.					1-1-35	31-12-35
Mr. R. C. Forster						31-12-35
Mr. D. Mackintosh					1-1-35	
Mr. S. W. White					1-1-35	31-12-35
Mr. F. G. Ward					1-1-35	19 -3-35
INSPECTOR OF MEAT AND	Foor).				
Mr. A. A. Watts					1-1-35	31-12-35
HEALTH VISITORS.						
*Miss R. K. Sharp					1-10-35	31-12-35
Mrs. E. T. Dugmore					1-10-35	31-12-35
Mrs. W. Bailey					1-10-35	31-12-35
Sanitary Overseer.						
3.5 m n 11					1-1-35	31-12-35
CLERK.					1 1 95	20 6 25
Miss A. Ritchie (par	rt ti				1-1-35	30 -6-35
Miss W. W. Harris		•••			1-7-35	31-12-35
*Seconded from	Go	vernme	nt.			
NATIVE STAFF.						
Dressers				5		
Head boy and notice	ser	ver		1		
3.5				2		
Motor driver				1		
Rat boys				6		
Oiling boys				4		
Food inspection				1		
Anti-malarial gang				20		
	2	EVDE	NDIT	UDE		
	-	H & D H				

3. EXPENDITURE.

The expenditure of the public health department for the year 1935 amounted to £7,230 of which the Government by grants made on account of public health, contributed £3,703, leaving £3,527 to be borne by the Council.

Under the provisions of the Local Government (Municipalities) Ordinance, the Government contributes one half of the cost of the salaries of the medical officer of health and of qualified sanitary inspectors and also one half of the expenditure in connection with infectious diseases.

Details of the expenditure by the public health department are given under:—

EXPENDITURE.

				£	£
ary In	spector	rs		3,853	
				165	

				3	
					ary Inspectors 3,853 62 51 225 84

Infectious Diseases Pre	VENT	ION				1
Notification fees					 204	
Hospital fees			***		 420	
Overseer's salary					 350	
Boys' wages, etc.					 233	
Oil and stores		***			 47	
Upkeep of lorry					 109	
Emergency work					 668	
					-	2,031
FOOD INSPECTION.						
Boys' wages, etc.					 30	
						30
AUXILIARY HEALTH SERVICE	ES.					
Salaries: Lady M.O.					 312	
Health Visi					 150	
Native Dre					 25	
Infant food					 18	
Medical stores					 73	
Sundries					 3	581
					_	
Total			***			7,230
Less Govern	ment	grants				3,703
	- 4			Trans T	- and	£3.527

£3,527

Comparison of the expenditure with previous years is as follows:-

Year.		Expendit	ure.	Paid by Governmen	Paid by Council.
1	Marin.	£		£	£
1929		7,948		6,955	 993
1930		6,993		6,118	 875
1931		5,978		3,736	 2,242
1932		5,967		2,983	 2,984
1933		6,144		3,072	 3,072
1934		6,547		3,273	 3,274
1935		7,230		3,703	 3,527

It is noted that the expenditure for the year was £683 greater than in 1934. Extraordinary expenditure for emergency work in connection with the malaria epidemic totalled £668 and new expenditure incurred in connection with the taking over of the auxiliary health services, totalled £581.

Notification fees mainly on account of the epidemic of malaria increased to £204 compared with £151 for 1934, whereas the hospital fees remained stationary.

The boys engaged on anti-malarial work, although working under the supervision of the public health department are on the payroll of the engineering department.

4. GEOGRAPHICAL.

Nairobi, the capital of Kenya, is situated in the highlands about 250 miles from the coast and is 330 miles by rail from Mombasa and 257 miles by rail from Kisumu on Lake Victoria.

The geographical position is.— Latitude: 1° 16′ 43″ South. Longitude: 36° 50′ East.

Height above sea level: From 5,452 to 5,700 feet.

Area of Municipality: 22,230 acres or approximately 34³/₄ square miles.

5. RAINFALL.

The following rainfall records are from the Hill Station at 5,700 feet.—

		1	RAINFA	LL.	DA	YS OF	RAIN.
Month.		1935.		Averag 29 year	1935		Average 28 years
Month.		1000.		20 3000	 1000		20 jears
		ins.		ins.			
January		0.07		1.66	 1		5
February	 	7.40		2.26	 14		5
March	 	1.86		4.53	 10		10
April	 	3.60		8.07	 10		17
May	 	4.71		5.23	 19		16
June	 	3.54		1.57	 13		8
July	 	0.00		0.69	 0		5
August	 	1.46		1.01	 6		6
September	 	0.54		1.13	 3		6
October	 	1.85		2.13	 14		8
November	 	3.69		4.76	 14		14
December	 	2.52		2.73	 13		10
Annual .	 	31.24		35.77	 117		110

Less than the average amount of rain fell in Nairobi during 1935, for the third consecutive year.

The total for the year amounted to 31.24 inches, the average being 35.77 inches, or a deficiency of 12.6%. The deficiency for 1934 and 1933 was 35.3% and 36.6% respectively.

The average monthly rainfall for the year was 2.60 inches compared

with the average over 29 years of 2.98.

The average fall of rain per rainy day during 1935 was 0.267 inches compared with the average over 29 years of 0.325 inches.

The rainfall was distributed over the seasons of the year as follows:-

Season.	1935.	Average 29 years.
Short dry season (January, February)	 7.47	 3.92
Long rains (March, April, May)	10.17	 17.83
Long dry season (June to September)	5.54	 4.40
Short rains (October, November, December)	8.06	 9.62
Annual	31.24	 35.77

Taking the rainfall by seasons, it is noted that both the short dry season and the long dry season were above the average to the extent of 90.5% and 25.9% respectively whilst both the long rains and the short rains fell short of the average by 42.9% and 16.2% respectively.

January with 0.07 inches against an average of 1.66 inches constituted the sixth lowest record for the month. This is an erratic month, good rainfalls usually being associated with good rainfalls on the preceding month.

The fall during February amounted to 7.40 inches compared with an average of 2.26 inches. This is the second highest fall on record for the month, the highest being in 1912 when 13.93 inches fell. This is also an erratic month, in five years out of the past twenty-nine, no rain fell at all.

March with 1.86 inches compared with the average of 8.07 was a comparatively dry month.

April and May with 3.60 inches and 4.71 inches were below the

average by 55.3% and 9.9% respectively.

The fall during June totalled 3.54 inches, over double the average amount of 1.57 inches. This is the second highest record for the month, the highest being in 1917 when 6.04 inches fell.

No rain at all fell during July, the average being 0.69. This is the

first occasion no rain fell during this month.

The fall during August amounted to 1.46 inches against an average of 1.01 inches, being an excess of 44.5%.

September with 0.54 inches, represented a deficit of 52.2% compared

with the average of 1.13 inches.

October, November and December were all below the average, 1.85, 3.69 and 2.52 inches falling compared with 2.13, 4.76 and 2.73 inches

respectively, the deficits representing 13.1%, 22.4% and 7.6%.

There were two long spells of dry weather during the year, the longest being from early June to mid August, a period of 46 days without any rain being recorded and the next being a period of 44 days with one small fall of 0.07 inches occurring between mid December of the previous year and early February.

Although the annual rainfall was below the average, the number of days of rain exceeded the average, being 117 compared with the average of 110, thus the average fall of rain per rainy day being 0.267 fell con-

siderably below the average of 0.325 inches.

ANNUAL RAINFALL

V	T		AL I	RAINFA	LiLi.	Voor	Inches.	
Year.	Inches	Year		Inches		Year	inches.	
1897	 27.5	 1910		25.64		1923	 56.22	
1898	 28.1	 1911		41.49		1924	 26.72	
1899	 27.5	 1912		56.01		1925	 27.83	
1900	 44.3	 1913		31.04		1926	 33.25	
1901	 40.7	 1914		42.18		1927	 24.86	
1902	 32.9	 1915		28.88		1928	 28,91	
1903	 40.7	 1916		43.59		1929	 36.50	
1904	 26.9	 1917		51.44		1930	 58.88	
1905	 59.3	 1918		23.05		1931	 39.58	
1906	 46.7	 1919		38.74		1932	 39.85	
1907	 41.98	 1920		51.19		1933	 22.68	
1908	 27.90	 1921		18.49		1934	 23.12	
1909	 29.02	 1922		37.28		1935	 31.24	

6. POPULATION.

The population of the Municipality of Nairobi for 1935 has been estimated as under:—

Race		Males.	Females.	Total.
Europeans		2,900	 2,630	 5,530
Asiatics		10,000	 6,500	 16,500
Natives and oth	ers	23,750	 4,250	 28,000
All races	**	36,650	 13,380	 50,030

These figures show an increase of 5.5% for the whole population compared with the estimated population for 1934.

It is noted that all the races share in the increase, the European to the extent of 2.4%, the Asiatic by 10% and the Native by 3.7%.

7. MARRIAGES.

The following marriages were celebrated in Nairobi during 1935:-

British	 	 71
German	 	 1
Russian	 	 1
Swedish	 	 1
Dutch	 	 2
Seychellois	 	 2
Goan	 	 6
Indian	 	 2
Native	 	 9
		05
		90

These figures are not corrected for persons habitually resident in Nairobi.

8. BIRTHS.

During 1933, the Municipal Council passed by-laws entitled "The Nairobi Municipality (Notification of Births) By-laws 1933." These by-laws lay down that any birth whether alive or dead occurring within the Municipality shall be notified within 48 hours, no nationalities or races being exempt.

The statistics obtained from these notifications are set out in the following table:—

BIRTHS NOTIFIED.

			, a	Rinthe		RE	RESIDENTS.	EN	ENTS.	94				0	Divelor	NON	K-RF	IISS	NON-RESIDENTS	Ts.	141	100			TOTAL.	AL.	1 5
M.	M.	- 50		F.		Tot.		M.		E E	Te	Tot.	M		E E		Tot.		M	M. F.	E E		Tot.	Births	hs.	bii	births.
33	133		:	22	:	55	:	2	-			.:		:	22	1	255		1		1	:	-	:	88	:	10
1	1		:	-1	;	-	;	1		:	1	;	-	-	-	-	63	1	1		-		1	:	10		1
1	1		:	1	:	1	:	1	1	1	1	1	-	1	-	1	1	10	1	:	1	i	1	:	-	:	1
1			:	1	:	1	-	1	1		1		-	:	-	- !	63		-	8	I	1	1	1	62	:	F
:	-		:	1	:	1	:	-	1	:		-		1	-	1	-		1	1	1	:	1	:	H	:	1
97	6		:	85	182		.:	-	14	:	. 25	5			0.1	:			1		7	1	1	:	193	1	56
25	0.1		:	33	-	. 58			:	1		1	-	-		1	62	:	J.	:	T	;	1	:	69	:	-
1		-	:	2	:	10	1	1	-	:		-		1	1	- 1	- 1	-		1	1	1	1	:	10	:	1
:	1		:	-	:	1	-	1	-	1	-	-		-		1	1	-	-	-	-1	-	1	:	н	:	i
124	22			135		259		00	16	9	. 24	-	. 65	9	62	:	127	-	9	:	23	-	6	:	286	:	222
1	111	17	1	-		-	1	1	:	:	1	-		1	1	1	L		1	-	T	- 1	1		Н	. :	-
:		-	1	-	;	63	:	-	1	1	1	1	-		1	1	-		-	-	-	3	-	1	10	:	Н
:		-	:	1		1	1	-	!	1	1				1	1	1	1	-1	-	1	1	1 -	:	-		1
283 280 563	8	122	:	280	: 2		:	83	31	-	. 53		06 .		90		180		00	1	10	1	Ħ	7	743	1	64
					1	1					1	-															

Twins were recorded in five instances among resident Natives, twice among resident Asiatics and twice among non-resident Natives.

Estimated on the number of women of all ages, the 56 births among European residents gives a birth rate of 2.1%, the 240 births among the Asiatic residents makes a birth rate of 3.6% and the 267 births among resident Natives and others gives a birth rate of 6.2%.

Calculated on the estimated number of married women between the ages of 20 and 49, the European birth rate works out at 39.8 per thousand and the Asiatic rate at 124.9 per thousand. As the age group distribution for the native is not known, no rate can be calculated.

STILLBIRTHS.

The proportions of stillbirths to total births for the races were as under:—

RESIDENTS.

Race.	Percentage of births.
European	5.3 1.7
Goan	
Indian	13.7
Natives	9.2
Others	-
TOTAL	9.4

NON-RESIDENTS.

Race.		Births.		Stillbirth	ıs	Percentag of births.
European		39		_		-
Goan	***	2				
Indian		11	***	1	***	9.1
Native		127		9		7.1
Others		1	***	1		100.0
TOTAL		180		11		6.1

9. DEATHS.

Unless otherwise stated, the following statistics refer to residents of Nairobi only, but also include the prison population.

Rates have been calculated according to the estimated mid-year

population for 1935.

The total number of deaths reported in Nairobi during the year was 990, equivalent to a crude death rate for all races of 19.78, compared with the figure of 18.51 for 1934.

The number of deaths from all causes among persons stated to be normally resident in Nairobi was 696, equivalent to a recorded death rate for all races of 13.90 per thousand persons, compared with 14.86 for the previous year and 14.03 for 1933.

Of the 696 deaths among residents, 476 were of males and 220 were

of females.

217 deaths were of infants of one year or under.

34 deaths occurred among Europeans, 19 male and 15 female, equivalent to a rate of 6.14 per thousand.

202 deaths occurred among Asiatics, 115 male and 87 female, equivalent

to a rate of 12.24 per thousand.

460 deaths occurred among Natives and other races, 342 males and 118 females, equivalent to a rate of 16.47 per thousand.

		D	EATI	HS I	Y R	ACE .	AND	SEX					_
		White	Indian	Goan	Native	Somali	Seychellois	Sudanese	Arab	Abyssinian	Nubian	Mauritian	TOTAL.
Resident	M. F.	19 15	111 85	4 2	328 108	8	1		4 2	1	_		 476 220
	Total	34	196	6	436	14	2	-	6	1	_	1	 696
Non-Resident	M. F.	19 16	8 2	=	167 78	=	1	1	1		1	_	 198 96
	Total	35	10	_	245	-	1	1	1	-	1	-	 294
	TOTAL	69	206	6	681	14*	3	1	7	1	1	1	 990

COMPARISON OF DEATH RATES FOR RACES FOR 10 YEARS

		Europea	n.	Asiatic	Native.		All Races
1926		13.5		30.3	 17.3		20.5
1927	***	13.8		29.2	 16.5		18.9
1928		12.8		23.3	 16.1		17.9
1929		8.4		17.0	 13.4		13.7
1930		11.8		20.7	 15.2	***	16.2
1931		4.7		14.3	 15.2		13.7
1932		5.6		13.5	 10.7		11.0
1933		7.1		14.8	 15.0		14.0
1.934		8.5		15.1	 15.9		14.8
1935		6.1		12.2	 16.4		13.9

AVERAGE DEATH RATES.

Race	av	years' verage 926-35.	5 years' average 1926-30.	5 years average 1931-3	e	1935.	
European		9.2	 12.0	 6.4		6.1	
Asiatic		19.0	 24.1	 13.9		12.2	
Native		15.1	 15.7	 14.6		16.4	
All Races	***	15.4	 17.4	 13.4		13.9	

The above tables illustrate the declining death rates for all races during the past ten years.

It is noted that the European death rate during the past five years has

declined 46.6% below that for the previous five years.

Over a similar period, the Asiatic death rate has declined by 42.3%, the Native rate has declined by 8.0% and the rate for all races has decreased by 22.9%.

The European death rate for 1925 is below that of the average for the

past five years to the extent of 0.3.

The Asiatic rate for 1935 compared with a similar period has improved by 1.7, and the Native rate is above the five years average by 1.8.

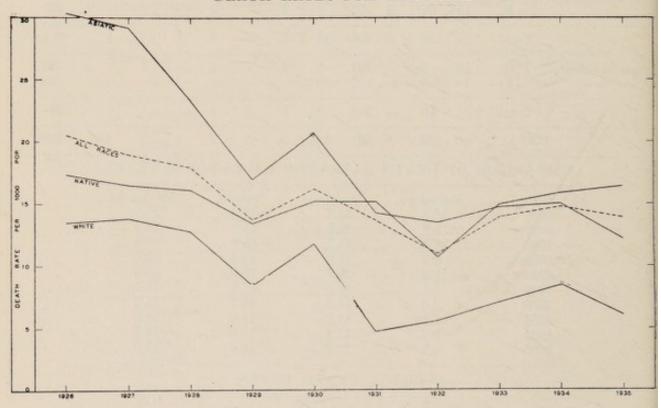
The rate for all races shows an increase over the five years average

of 0.5.

Although in 1933 and 1934 there was an increase in all the death rates over the previous years, it is pleasing to note that there is a marked decrease in the European and Asiatic death rates and that for all races during 1935, but unfortunately the native rate was increased by 0.5 over that for 1934.

The following graph illustrates the death rates for the races for the past 10 years.

DEATH RATES FOR THE RACES.



MONTHLY INCIDENCE OF DEATHS BY RACE.

Month		White.	Indian.	Goan.	Native	Somali.	Other	Total.	% of Total.
January		 2	15	1	49	1	1	68	9.77
February		 1	6	1	27	1	-	36	5.17
March		 _	19		19	_	1	39	5.60
April		 1	16	_	34	_	2	53	7.62
May		 3	16	_	40	1	1	61	8.76
June		 10	18	_	44	1	2	75	10.78
July		 7	31		45	1	1 .	85	12.21
August		 4	19		50	1	1	75	10.78
September		 2	10	1	34	4	1	52	7.47
October		 1	13	_	30	2		46	6.61
November	i	 3	19	2	32	_		56	8.05
December		 -	14	2 2	32	2	-	50	7.18
Total		 34	196	6	436	14	10	696	100.00

DEATHS BY QUARTERS.

*			Number deaths.		Percentage of total.	
	First quarter	 	 143		20.54	
	Second quarter		 189	***	27.16	
	Third quarter		 212	***	30.46	
	Fourth quarter	 	 152		21.84	
	Total	 	 696	***	100.00	-

The most deaths occurred in July (85), June (75), August (75), and the fewest in February (36), March (39), October (46).

CAUSES OF DEATH BY GROUP AND RACE.

	International causes of death.	White.	Indian.	Goan.	Native.	Somali.	Others.	Total.
1.	General diseases	2	33	-	124	4	2	165
2.	General diseases (not included above)	2	4	-	10	-		16
3.	Diseases of the nervous system	6	8	-	24	_	1	39
4.	Diseases of the circulatory system	6	3	-	3	2	-	14
5.	Diseases of the respiratory system	5	79	1	173	5	4	267
6.	Diseases of the digestive system	2	11	-	20	1	1	35
7.	Non-venerial diseases of the genito-							
	urinary system and annexa	_	4	-	7	_	_	11
8.	The puerperal state		3	1	3	1	1	9
9.	Diseases of the skin	-	-	-	1	-	-	1
10.	Diseases of the bones	_		_	1	_		1
11.	Congenital malformations	-	2	-			-	2
12.	Diseases of early infancy	2	34	4	17	_	1	58
13.	Old age	-	3	-	-	1	_	4
14.	External causes	8	6	-	32	_	-	46
15.	Ill defined causes	1	6	-	21	-	-	28
	Total	34	196	6	436	14	10	696

CAUSES OF DEATH BY GROUP WITH THE PERCENTAGE TO TOTAL AND RATE PER 1,000 POPULATION.

	International cause of death.		Numbe	er.	% of total.		te per 1,000 opulation.
1.	General diseases		165		23.71		3.297
2.	General diseases (not included above	e)	16		2.30		-0.320
3.	Diseases of nervous system		39		5.60		0.779
4.	Diseases of the circulatory system		14		2.01		0.280
5.	Diseases of the respiratory system		267		38.36		5.334
6.	Diseases of the digestive system	. ***	35	***	5.03		0.699
7.	Non-veneral diseases of the genito- urinary system and annexa		11		1.58		0.220
8.	The puerperal state		9		1.29	5550	0.180
9.	Diseases of the skin		1		0.14		0.020
10.	Diseases of the bones		1	***	0.14		0.020
1.	Congenital malformations		2		0.29		0.040
12.	Diseases of early infancy		58		8.34		1.159
13.	Old age	***	4		0.58		0.080
14.	External causes		46	***	6.61		0.919
15.	Ill defined causes		28		4.02		0.559
	Total		696		100.00		13.906

The groups in their order of precedence, correspond approximately with those given in last year's report.

The figures in brackets in the text relate to the returns for 1934.

As in the past, "Diseases of the Respiratory System" heads the list

as being concerned with the greatest number of deaths.

This group accounted for 267 (295) deaths or 38.3% (41.8) of the total deaths, the equivalent rate per thousand of population being 5,334 (6.221).

Deaths under this heading were:-

Pneumonia					191	(239)
Broncho-pn	eumon	ia			66	(40)
Bronchitis		***	***	****	6	(5)
Asthma					4	(3)

"General diseases" in Group 1 comes second in point of numbers and accounted for 165 (150) deaths or 23.7% (21.2) of the total deaths, the equivalent rate per thousand of population being 3.297 (3.163).

Deaths under this group include:-

			0					
Malaria				58	(32)	Blackwater fever	 	3 (4)
Tuberculosis				29	(40)	Erysipelas	 111	3 (1)
Typhoid feve	r			17	(7)	Diphtheria	 	3 (1)
Cerebrospinal	men.			16	(2)	Relapsing fever	 	1
Syphilis				15	(10)	Whooping cough	 	1 (9)
Septicaemia				7	(18)	Influenza	 	1 (5)
Tetanus	***	***		4	1			

Deaths under the heading of "Diseases of early infancy" totalled 58 (51) or 8.3% (7.2) of the total deaths with an equivalent rate per thousand population of 1.159 (1.075).

The cause of death were:-

Prematurity	 	 35 (28)
Marasmus	 	 18 (21)
Atelectasis	 	 2 (1)
Asphyxia	 	 2 (2)
Collapse of lung	 	 1

As noted in the report for 1934, the proportion of deaths from pre-

maturity has appreciably increased.

The next group in point of numbers is "External causes" which accounted for 46 (38) deaths or 6.6% (5.3) of the total deaths, with an equivalent rate per thousand population of 0.919 (0.801).

Deaths under this heading include:-

Injury by ve	ehicles			11 (8	and the same of th	Fracture				3 (3)
Judicial hang	ging			1	20)	Conflagration	111	***	***	1
Suicide		***	***	6 (2	- F	Suffocation	110			1
Burns	***			5 (1	1)	Drowning		***		1
Homicide	100		***	5.		Injury by fall	***		****	1
						Electricity	***	***	100	1

An increase in the number of deaths from road accidents is again noted, the figures for the past five years being 5, 6, 5, 8 and 11 respectively.

"Diseases of the nervous system" was responsible for 39 (30) deaths or 5.6% (4.2) of the total deaths which is equivalent to a rate of 0.779 (0.632) per thousand population.

TI	ho i	letai	e 1	vere	:

The details	were.					
Meningitis	224		18 (13)	Insanity	 ***	1 (1)
Cerebral haemorrha	ge		8 (4)	Epilepsy	 	1 (2)
Convulsions			4 (4)	Amentia	 	1 (0)
Myelitis	***	***	2	Cerebral tumour	 ***	1 (2)
Encephalitis			1	Otorrhoea	 ***	1
Paraplegia			1			

"Diseases of the digestive system" accounted for 35 (35) deaths or 5.0% (4.9) of the total deaths which is equivalent to a rate of 0.699 (0.738) per thousand population.

The items were:-

Diarrhoea	10		***	18	(22)	Intestinal obst	ructio	n		2 (3)
Diarrhoea (over t	wo)			3		Ascariasis		***		1
				3		Gastric ulcer	***			1
Peritonitis		***	***	2	(4)	Haematemesis		***		1
		***		2		Tonsillitis	***	***	1111	1
Hydatid of liver				1						

The group of "Ill defined causes" accounted for 28 (32) deaths or 4.0% (4.5) of the total deaths making a rate per thousand population of 0.559 (0.674).

The recorded causes under this group were:-

Unknown					20	(3)
Natural ca	uses		***	***	3	(18)
Heart failu	ire	***			3	(5)
P.U.O.	***				1	(1)
Asthenia				***	1	

Group 2 of "General Diseases" is next with 16 (32) deaths or 2.3% (1.5) of the total deaths, the rate per thousand being 0.320 (0.674).

The diseases concerned were:-

Cancer	***	***		7 (13)	Anaemia			1 (2)
Neoplasm	***			1	Goitre			1
The second secon	fever			1 (1)	Persistent thymus			1
Beri beri	***			1	Rupture of spleen	***	***	1
Diabetes			***	1	Leukaemia			1

"Diseases of the circulatory system" accounted for a total of 14 (14) deaths or 2.0% (1.9) of the total deaths at the rate of 0.280 (0.295) per thousand population.

The diseases under this heading were:-

Valvular disease		 	12 (3)
Endocarditis	***	 	1 (1)
Pericarditis	***	 	1 (1)

"Non-venereal diseases of the genito urinary system" accounted for 11 (15) deaths or 1.5% (2.1) of the total deaths, the rate per thousand population being 0.220 (0.316).

The causes of death were:-

Chronic nephritis				6 (14)
Pyosalpinx	***		***	2
Fibroid				1
Urethritis		***		1
Prostatitis				1 (1)

Nine (7) deaths occurred under the heading of "The puerperal state" or 1.2% (0.9) of the total deaths, the rate per thousand population being 0.180 (0.147).

The diseases included:-

Puerperal sepsis				2
Haemorrhage				2 (4)
Eclampsia				2
Puerperal emboli	sm			1
Abortion				1
Hyperemesis		***	***	1

There were four deaths under the group "Old age" compared with 3 for the previous year.

Two deaths occurred under "Congenital malformations," one spina bifida and one pyloric stenosis.

One death was recorded under each of the groups, "Diseases of the skin" and "Diseases of the bones," the cause being cancrum oris in the former and osteomyelitis in the latter.

AGE GROUP DISTRIBUTION OF POPULATION AND DEATHS BY RACES.

0— 1 37.865 3 88.235 62.319 103 509.892 111 241.3 2— 4 55.548 — — 93.620 15 74.257 34 73.9 5— 9 81.706 3 88.235 111.620 6 29.703 11 23.9 10—14 50.914 1 29.412 79.755 5 24.753 9 19. 15—19 45.609 2 58.823 91.716 4 19.802 21 45.0 20—24 82.743 2 58.823 135.989 7 34.653 60 130. 25—29 124.754 — — 119.539 7 34.653 Not 124 269. 30—34 126.645 3 88.235 99.941 13 64.356 39 84. 35—39 117.864 2 58.823 72.306 9 44.554 known 27 58. 40—44 94.633 1 29.412 52.732 5 24.753 6 13.		EUROF	PEAN		AS	IATIC	,	NAT	TIVE	
2— 4 55.548 — 93.620 15 74.257 34 73.9 5— 9 81.706 3 88.235 111.620 6 29.703 11 23.9 10—14 50.914 1 29.412 79.755 5 24.753 9 19. 15—19 45.609 2 58.823 91.716 4 19.802 21 45.6 20—24 82.743 2 58.823 135.989 7 34.653 60 130.4 25—29 124.754 — — 119.539 7 34.653 Not 124 269. 30—34 126.645 3 88.235 99.941 13 64.356 39 84. 35—39 117.864 2 58.823 72.306 9 44.554 known 27 58. 40—44 94.633 1 29.412 52.732 5 24.753 11 23. 45—49 66.340 2 58.823 31.982 5 24.753 6 13. 5	Age group	Distribution population.		Distribution deaths.	Distribution population.	of	Distribution deaths.	Distribution population.	of	Distribution deaths.
85—89 0.060 — — 0.258 — — 1 2. 90—94 — — 0.188 1 4.951 — — 0.164 2 9.901 —	2— 4 5— 9 10—14 15—19 20—24 25—29 30—34 35—39 40—44 45—49 50—54 55—59 60—64 65—69 70—74 75—79 80—84 85—89 90—94	55.548 81.706 50.914 45.609 82.743 124.754 126.645 117.864 94.633 66.340 48.962 29.877 18.597 9.268 5.121 2.560	-3 1 2 2 -3 2 1 2 3 3 5 2 1 -1	88.235 29.412 58.823 58.823 88.235 58.823 29.412 58.823 88.235 88.235 147.058 58.823 29.412	93.620 111.620 79.755 91.716 135.989 119.539 99.941 72.306 52.732 31.982 20.185 7.402 9.164 4.935 3.313 1.504 1.363 0.258 0.188	15 6 5 4 7 7 13 9 5 6 1 7 3 - 2 1 - 1	74.257 29.703 24.753 19.802 34.653 34.653 64.356 44.554 24.753 24.753 29.703 4.951 34.653 14.852 9.901 4.951		34 11 9 21 60 124 39 27 11 6 2 3 1	241.303 73.913 23.913 19.565 45.652 130.434* 269.564 84.782 58.695 23.913 13.043 4.348 6.522 2.174

^{* 55} Native deaths recorded as "adults" have been included equally in the groups 20-34.

The age group distribution for Nairobi has been taken in the same proportion as the age group distribution for the whole Colony, as published in the report on nonnative census taken in 1931.

CAUSES OF DEATHS.

	In	ternational causes o	f deaths.	White.	Indian,	Goan.	Native.	Somali.	Seychellois	Arab.	Abyssinian.	Mauritian.	TOTAL.
I.	GE	NERAL DISEASES.											
	1.	Enteric fever		-	3		13	1	_	_	_	_	17
	3.	Relapsing fever		. —	1	_	-	-	_	-	-		1
	5. 9.	Malaria Whooping cough		_	11	_	44	3	_	_	-	-	58
	10.	Diphtheria			3	_	_	_					3
	11.	Influenza		-	1	-	-		-	-	-	-	1
	16. 17.	Dysentery Plague			1		5			-		I	6
	21.	Erysipelas			3	-	_	-	-	-		-	3
	24.	Cerebrospinal men		- 4	3 2		12	_	1		-		16
	29.	Blackwater fever Tetanus			1	_	3	_	_	_	_		4
	31.	Tuberculosis—resp	iratory										
	32.	do. nervous s	system		2	_	14	_		1	_	_	18
	33.	do. intestines			_	-	1	_	_	_	_	-	1
	36.	do. adenitis		_	_	-	1		-	-	-	-	1
	37. 38.	do. dissemina Syphilis				_	15	_	_	_	_		4 15
	41.	Sypnins Septicaemia			2	_	5	_	_	_	_		7
11	. G	ENERAL DISEASES NO	VE INCLUD	ED ARO	VE								
11	43.	Cancer jaw		ADO ADO	V.E.		1						1
	44.	do. stomach		_	1	_	1	_	_	_		_	2
	47.	do. breast		1		_	-	_	_			-	1
	49.	do. diffuse do. lung			-	_	1	_	_	_	_	_	1
		do. lung Sarcoma leg					1	_		-			1
	50.	Neoplasm—lung			-	_	1	-	-	-	-	-	1
	51. 55.	Rheumatic fever Beri beri	***		1		1						1
	57.	Diabetes			1	_	_	_	_	-	_		1
	58.	Anaemia			1	-	-	-	-	-	-	-	1
	60. 62.	Goitre Persistent thymus				_	1			_	_		1
	64.	Rupture of spleen			_	_	1	_		-	_	-	1
	65.	Leukaemia		-	-	-	1	-		-	-	-	1
11	I. I	DISEASES OF THE NI	ERVOUS S	YSTEM.									
	70.	Encephalitis		_	1	_	_	-	_	-	_	_	1
	71.	Meningitis			1	-	17		-	-		-	18
	73.	Myelitis		1 3	1 3	-	1		_	1	_		2 8
	74. 75.	Cerebral haemorrh Paraplegia	age		1	_	_	_	_	_	_	_	1
	77.	Insanity		- 1	-	-	-		-	-	-	-	1
	78.	Epilepsy		_	1	_	1 3	_	_	_		_	1 4
	80. 84.	Convulsions Amentia		1	_		_	_	_	_	_		1
		Cerebral tumour		-		-	1	-	-		-		1
	86.	Otorrhoea		-	-	-	1						1

CAUSES OF DEATHS (continued).

Int	ternational causes of	f deaths.	White.	Indian.	Goan.	Native.	Somali.	Seychellois	Arab.	Abyssinian.	Mauritian.	TOTAL.
IV. DISEASES OF THE CIRCULATORY SYSTEM.												1
87. 88.	Pericarditis Endocarditis		. 1	_	_		_	_	-	-	-	1 12
90.	Heart diseases		. 5	2	_	3	2	_			4	10
** D	Dec	DER LEGAD V	Quarra	NF.								
V. D. 99.	Bronchitis			4	_	2	-		_	_	_	6
100.	Broncho-pneumonia			30	-	35	1	-	-	-	-	66
101.	Pneumonia		. 5	42	1	135	4	-	3	1		4
105.	Asthma			3	-	1						
			,									
	DISEASES OF THE DI	GESTIVE A	SYSTEM.	1							_	1
109. 112.	Tonsillitis Haematemesis		1			_		-	_	-		1
112.	Gastric ulcer			_	_	1	-	-	-	-	-	1
113.	Diarrhoea		. 1	8	-	7	1	1	_	-	=	18
114.	do. (over two			1	_	2	_	_				1
116.	Ascariasis Intestinal obstru	otion	: -	1	_	1		_		-	_	2
118. 121.				_	_	1	_	-	-	-	-	1
122.				_	-	3	-	-	-	-	-	1 2 1 3 2
124.	Hepatitis			-	-	2				_		2
126.	Peritonitis					-						
VII.	Non-venereal Dis	PASES OF	тне С	ENITO	-URIN	ARY S	SYSTE	M.				
	Chronic nephritis			1	_	5	_	-	-	-		6
134.				1	-	-	-	-	-			1
135.	Prostatitis		–	-	-	1	_	_	_	_		2
138.				1	_					_	_	1
139.	Fibroid	***										
VIII.	. The Puerperal	STATE.										
143				-	_	-	1			-	1	1
	Hyperemesis		—	1	1	_	-					2
144	. Haemorrhage		–			2	_		_		_	1 2 2 1
146 147					_	1			500		-	1
148				2	-	-	-	7.7				2
1	1-11											
IX.	DISEASES OF THE S	KIN AND	CELLUI	LAR T	ISSUE							1
151				-	-	1	and the same of		-	-		1
X. 1	DISEASES OF THE B	ONES.				-						,
155	. Osteomyelitis			-	_	1	_		200			1

International causes of deaths.	White.	Indian.	Goan.	Native.	Somali.	Seychellois	Arab.	Abyssinian.	Mauritian.	TOTAL.
XI. Congenital Malformations. 159. Spina bifida, pyloric stenosis	_	2	_		_		-	_	_	2
XII. DISEASES OF EARLY INFANCY. 160. Marasmus 161. Prematurity 162. Atelectasis Asphyxia neonatorum Collapse of lung	_ 1 1 -	11 19 1 2 1	1 3 —	6 11 -			_ _ _ _		11111	18 35 2 2 1
XIII. OLD AGE. 164. Senility	-	3	_	_	1	-	_	_	_	4
XIV. EXTERNAL CAUSES. 168. Suicide, hanging 170. do. firearms 173. do. crushing 178. Conflagration 179. Burns 180. Suffocation 182. Drowning 185. Injury by fall 188. Injury by vehicles 196. Electricity 197. Homicide, firearms 199. Homicide, fractured skull 201. Fracture 202. Judicial hanging		- 1 1 1 - - 3 - - -		3 						3 2 1 1 5 1 1 2 11 1 4 1 3 10
XV. I.L-DEFINED DISEASES. 205. 1. Heart failure 2. Asthenia Pyrexia Natural causes 3. Unknown		3 -1 2 -		_ _ _ 1 20			11111		11111	3 1 1 3 20
TOTAL	34	196	6	436	14	2	6	1	1	696

10. INFANT MORTALITY.

The total number of deaths in infants of one year of age and under during 1935 was 217, or 31.17% of the total deaths.

Taking the age distribution of the 0—1 group for Europeans as 37.865, the three deaths provide a mortality rate of 88.235 per thousand.

With a distribution of the 0—1 age group for Asiatics of 62.319 per thousand, the 103 deaths equal a mortality rate of 509.892 per thousand.

The age group distribution is not known for the Native race but the death distribution of the 0—1 age group works out at 241.303 per thousand.

As in previous years infant mortality has been expressed as a percentage of total deaths, the practice will be continued for comparative purposes.

INFANT DEATHS.

Race			Infant deaths.	2	Total deaths.		Percentage of total deaths.
White		 	- 3		34		8.82
Asiatic		 	103		202	***	50.99
Native and	other	 	111		460	***	24.13
All races		 	217		696		31.17
		 -				-	

	INFANT	DEATHS	FOR NI	NE YEARS.
--	--------	--------	--------	-----------

				Percent	age of	total d	leaths.				Average
Race		1927	1928	1929	1930	1931	1932	1933	1934	1935	9 years.
White		13.5	8.3	23.7	13.2	12.0	9.6	5.4	17.3	8.8	12.4
Asiatic		37.7	34.5	44.9	42.7	44.6	45.8	52.2	42.1	50.9	43.9
Native	***	5.8	13.1	15.4	10.6	20.6	17.3	21.2	19.2	24.1	16.3
All races		18.6	20.6	24.3	20.6	29.5	28.0	30.7	26.5	31.1	25.5

It will be noted that the percentage of infant deaths to total deaths for Europeans shows a considerable decrease compared with 1934, it is also less than the nine years average by over 29%.

The percentage for Asiatics stands at the high figure of 50.9, being an increase over the previous year and 16% higher than the nine years average.

The percentage for Natives and other races, namely 24.1 is the highest for the past nine years, being 25% higher than in 1934 and 48% higher than the nine years average.

The percentage for all races is also the highest for the past nine years being 24% higher than in 1934, and 34% in excess of the nine years average.

The causes of infant mortality and the seasonal incidence are shown in the tables following.

INFANT MORTALITY

			IN	FAN	T MOF	RTALI	TY.				
			W	hite.	Indian.	Goan.	Native.	Seych.	Somali.	Arab.	Total
Ascariasis		***	***	-	_		1	_	-	-	1
Asphyxia neonate	orum			-	2		-	-		_	2
Atelectasis				1	1			-	-	-	2
Beri beri		***			-		1	-	-	-	1
Bronchitis		***			3		1			-	4
Broncho-pneumon	ia				22	-	24	-	1	-	47
Cerebrospinal me	eningi	tis		-	2	-	-	-	-	-	2
Collapse of lung					1		-	-	-	-	1
Convulsions					1	-	3	-	-	-	4
Diarrhoea				1	7	-	5	1	1	-	15
Diphtheria				-	1	-	-	-		-	1
Dysentery					1		1	-	-	-	2
Erysipelas					3	-	-	-	-	-	3
Ill defined			4.1.1		1	_	3		-	-	4
Intussusception				-	1	-		****	****		1
Malaria					1	-	7	-		-	8
Marasmus					11	1	6	-	-	-	18
Meningitis				-	1	-		-	-	-	1
Pneumonia				-	20	-	29	-	1	-	50
Prematurity				1	18	3	11	-	-	1	34
Pyloric stenosis					1			-	-	-	1
Septicaemia					-	-	1	-	-	-	1
Spina bifida					1	-	-	-	-	-	1
Suffocation				-	-	-	1	-	-	-	1
Syphilis				-	-	-	11	-		-	11
Tetanus				-	-	-	1	-	-	-	1
				3	99	4	106	1	3	1	217

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Ascariasis		-	-	_	-	1		_	-	-		_	1
Asphyxia neonatorum		_	-	_	1	1	-	_	_		_	-	2
Atelectasis	1		_		-	-	_	_	_	_	2	-	2
Beri beri	_	-		1	-		-	-	-	-	_	-	1
Bronchitis	-	_	-	1	_	1	2	-	-	-	-	-	4
Broncho pneumonia	4	1	2	4	2	7	1	4	5	5	6	6	47
Cerebrospinal men.	_	-	_	-	-	-	-	-	-	1	1	-	2
Collapse of lung	-	-	1	-	-	-	-	-	-	-		-	1
Convulsions	1	-	-		-	-	-	-	1	1	-	1	4
Diarrhoea	2	1	3	2	1	3	-	1	1	1	-	-	15
Diphtheria	-	-	-	-	-		-	-	-	-	1	-	1
Dysentery	-	1	-	-	-	1		-	-	-	-	-	2 3
Erysipelas	-	-	-	1	-	1		-	1	-	-	777	5
Ill defined	-	-	-	-	-	1		-	1	1	1	-	4
Intussusception	_	-	-	-	-	-	_	1	-	-	-	-	1
Malaria		-	-	1	1	1	2	1	-	-	1	2	8
Marasmus	-	-	-	4	-	1	5	2	2	3		-	18
Meningitis	-	_	-		-	-	-	_	1	4	8	3	50
Pneumonia	4	1	3	4	6	3	8	4 3	2 2		4	4	34
Prematurity	3	2	2	4	5	1	4	0	2	_	4	4	1
Pyloric stenosis	-	1	-	_		-	-	-					1
Septicaemia	-	1	-	-	-						1		1
Spina bifida	-			-	-				_	1	1	_	1
Suffocation	-	-	-	_	2		1		2	1	1	3	11
Syphilis	1		-		4		1		-	-	_	_	1
Tetanus	1			-									
	16	8	11	22	18	22	23	16	18	18 ACE 8	26	19	217

SEASONAL INFANT MORTALITY FOR THE RACES.

		White.	Indian.	Goan.	Native.	Seych.	Somali.	Arab.	Total
Tannanır			7	_	8	1	_	-	16
January			4		4		-	_	8
February	***		8		3		_	-	11
March		-	0					1	22
April		_	11		10		1		18
May		_	7	-	10	-	1		22
June		1	11		10		_		
Tecles		1	12		10		-		23
		_	11		5	-	-		16
August			6	1	10	_	1	-	18
September			6	_	12	-	_		18
October	444	=		2	11		_	_	26
November		1	12	2			1		19
December	***	-	4	1	13				
		3	99	4	106	1	3	1	217

COMPARISON OF THE PERCENTAGE OF THE FOUR PRINCIPAL CAUSES OF INFANT MORTALITY TO TOTAL INFANT DEATHS FOR NINE YEARS.

THE MICH.		PE 1928.	RCENTA 1929.	GE TO 1930.	TOTAL (DF INFA 1932.	NT DEA 1933.	тнs. 1934.		Average 9 years.
Pneumonia Congenital debility Prematurity Diarrhoes	47.9 15.4	32.6 10.6 11.3	32.0 11.9 13.2 9.4	44.6 10.0 15.0 6.9	41.7 15.9 7.7 8.7	36.1 12.9 17.0 9.5	41.1 14.4 8.3 8.8	37.4 9.6 12.8 9.0	44.7 8.3 15.6 6.9	39.8 12.1 11.9 8.1

Pneumonia still holds the premier position of the four principal causes and accounted for 44.7% of infant deaths, compared with 37.4 in 1934 and the nine years average of 39.8.

Prematurity as a cause of death has increased during the past two years and now stands at 15.6% compared with 12.8% in 1934, and the nine years average of 11.9%.

Both congenital debility and diarrhoea have decreased the past two years and both were below the nine years average in 1935.

11. NOTIFIABLE INFECTIOUS DISEASES.

No alteration to the list of notifiable infectious diseases has been made since Malaria was added in 1930.

The number of cases of infectious diseases notified during the year totalled 3,649, compared with 2,232 in 1934, the difference being mainly accounted for by the increase of malaria cases.

Excluding the 3,500 cases of malaria notified, the total of 149 may be compared with the totals for the previous eight years which were, 466, 368, 124, 249, 177, 128, 125 and 130 respectively.

The number of cases of malaria notified totalled 3,500 compared with 2,102 for the previous year.

Notifications for blackwater fever were similar in number to those for last year, namely 14.

Pulmonary tuberculosis was notified in 24 instances, against 40 for 1934 and tuberculosis other than pulmonary accounted for 14 notifications compared with 10 during the previous year.

Notifications for the enteric group were 46, being an increase over 1934 when 35 were notified.

Cerebrospinal meningitis was notified in 14 instances compared with 4 during 1934. These cases occurred during the latter half of the year, the greatest number in one month being five.

Relapsing fever occurred spasmodically throughout the year, the total number of cases being 7.

Eight cases of puerperal sepsis were notified compared with 5 during the previous year.

As in 1934, four cases of diphtheria were notified.

Tropical typhus was reported in three instances among Europeans.

Erysipelas notifications showed a slight increase, being 7 compared with 6 during the previous year.

One case of beri beri was reported, the last previous case occurring in 1928.

One case each of Encephalitis lethargica, Ophthalmia neonatorum and Scarlet fever were notified against 3, 2 and 0 respectively during the previous year.

One case of plague occurred during the year.

INFECTIOUS DISEASES NOTIFIED

	IN	FEC	TIO	US I	DISEA	SES	NO	TIFII	ED.			
				White.	Indian.	Nativa	tyanive.	Goam.	Seychellois	Somali.	Arab.	Total.
Malaria				147	1675	167	78	_		_		
Anthrax					1	201	2				-	3500
Blackwater fever				1	11			2				3 14
Cerebrospinal meningiti	s		***	-	3		10		1			14
Beri beri				-	_		1		_	_		1
Diphtheria				-	4							4
Encephalitis lethargica				-	1		_	-	_			1
Erysipelas					5		1	-	1	_		7
Ophthalmia neonatorum				1	-				_	_		í
Plague					-		1		-	_	-	1
Puerperal sepsis				1	3		4		_	-		8
Relapsing fever					1		6	-	-	_		7
Scarlet fever		*15	***		1				-	-	_	1
Tropical typhus	-			3	_		_		_	_	_	3
Tuberculosis, pulmonary	7			1	8	1	12	-	-	2	1	24
,, meningitis			***		-		2			_		2
,, abdomen				2	-		2	-		-	_	4
,, spine							1	-	-	_	_	1
,, joints			4.4.6		1		1	-	-	_	_	2
,, adenitis							1	_	-	_	_	1
", disseminat	ed			-	-		4		-	_	_	4
Typhoid fever				9	14	1	21	1	-	1	-	46
-	m.	. 1	_	165	1700	177	AFF		^	_		
	10	tal	***	165	1728	17	47	3	2	3	1	3649
SEASONAL IN	CID	ENC	E OI	FIN	FECT	TOU	S DI	SEAS	ES N	TTO	FIEL	,
										.011		
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December. Total.
Malaria	119	102	142	730	905	747	420	146	68	30	41	50 3500
Anthrax						1			1		1	- 3
Blackwater fever	_	1	1	_	3	3	3	2	-		_	1 14
Cerebrospinal men	2	_	-	-			1	1	5	2	2	1 14
Beri beri	-	-		1				-			_	- 1
Diphtheria	1.							2		_	1	- 4
Enceph. leth		-	-			-	1	_	-		-	- 1
Erysipelas	-	1	1	1		1	2	1	-		-	- 7
Ophthalmia neo		1	_				_	-			-	- 1
Flague	-	-	-		-	-		1	-	-	-	- 1
Fuerperal sepsis			1	4	-	-		1	1	1	-	- 8
Relapsing fever	-	1	-	_	2		-	1	_	1	_	2 7
Scarlet fever	-	_	_			-	1	-	-	-	-	- 1
Tropical typhus		-		-	-	1	-	-	-	1	1	- 3
Tuberculosis, pulm.	1	3	3	3	- 2	1	1	_	3	4	1	2 24
,, meningitis		-	1	-			1		_	-	_	- 2
ahdomen							19		2	_	100	_ 4

1 - - 1 5

TOTAL ... 127 114 155 743 917 761 437 158

abdomen ...

spine ... joints ... adenitis ...

,, adenitis ... ,, disseminated Typhoid fever ...

,,

22

4 46

60 3649

82

44

51

28

INCIDENCE AND DEATH RATES FOR NOTIFIABLE INFECTIOUS DISEASES.

			No. of cases.		No. of deaths.	Incidence pe 1000 pop.	er	Deaths per 1000 pop.
Malaria			3500		58	 69.930		1.158
Anthrax			3		-	 0.059		-
Blackwater fever			14		3	 0.279		0.059
Cerebrospinal meningi	tis		14		16	 0.279		0.319
Beri beri			1		1	 0.019		0.019
Diphtheria			4		3	 0.799		0.059
Encephalitis lethargica			1		1	 0.019		0.019
Erysipelas			7		3	 0.139		0.059
Ophthalmia neonatorui			1			 0.019		
Plague			1		1	 0.019		0.019
Puerperal sepsis			8		2	 0.159		0.039
Relapsing fever			7		1	 C.139		0.019
Scarlet fever		***	1		_	 0.019		_
Tropical typhus	***		3		_	 0.059		
70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			38	***	29	 0.759		0.579
Typhoid fever		***	46		17	 0.939		0.339

COMPARISON OF NOTIFICATIONS OF INFECTIOUS DISEASES
FOR 13 YEARS.

1935	3500	38	9 10	10	14	00	I	7	-	14	4	-	, 1	1	7		1	1	-	1	-	1
1934	2102	20	8 1	62	4	2	1	62	62	14	4	1	-	1	9	1		1	N	1	1	1
1933	- 1701	999	5 5	63	4	12	2	4	1	4	10	1	1	1	03	1	0.	1	-	1	-	1
1932	7 836	52	4	12	10	C/3	-	I	1	0.1	10	7	Т	1	1	i	1	1	22	i	1	1
1921	51 419	54	3 =	7	7	9	4	10	62	6/3	03	T	1	1	1	1	1	0.3	1	1	-	1
1930	112	50	9	9	19	10	4	10	1	5	4	T	1	1	62	1	1	1	1	1	1	1
1929	1	48	4	10	9	16	1	6	1	1	4	1	1	i	03	1	03	1	1	1	1	1
1928	26	190	22	.00	18	00	5	4	1	4	-	1	1	1	1	2	1	1	1	1	1	1
1927	70	44	2 20	5	16	29	9	6	1		4	-	5	i	1	9	1	1	1	1	1	1
1926	43	47	3 07	29	7	1	14	27	1	928.	5	1	2	1	1	1	1	1	1.	1	1	1
1925	8 Feb. 1	15	7	5	8	I	6	46	1	Nov. 1	-	1	23	63	1	1	1	1	1	1	-	1
1924	- 23 Notifiable	19	9	9	6	4	4	20	1	tifiable	9	1	5	1	01	1	1	1	1	1	1	1
1923	- N	23	2 10	59	18	1	4	03	1	Not	1	1	01	1	1	1	1	1	1	1	1	1
	::	1		:	:	***	::			:	***	***	*	-	**	:	-	1		:	***	:
	: :	: -			****		***		-		***						-					:
	1 1	:	:	:	n.		***		rum		-		***					elitis	ica		-	
	11	group	hus		I meni	psis		ver	neonato	ever					***		sis	oliomy	lethargi	****	:	***
	Plague Malaria	Tuberculosis Enteric fever group	Tropical typhus	Anthrax	Cerebro-spinal menin.	Puerperal sepsis	Leprosy	Relapsing fever	Ophthalmia neonatorum	Blackwater fever	Diphtheria	Scarlet fever	Malta fever	Beri-beri	Erysipelas	Smallbox	Trypanosomiasis	Acute ant, poliomyelitis	Encephalitis lethargica	Glanders	Rabies	Cholera

12. INFECTIOUS AND COMMUNICABLE DISEASES.

ACUTE ANTERIOR POLIOMYELITIS.

No case was reported during the year. Only three cases have been previously reported, one in 1934 and two in 1931.

ANTHRAX.

Three non-fatal cases were notified, comprising two natives and one Asiatic. An average of 5 cases have been notified annually during the past 10 years.

BERI BERI.

One native case which was not fatal was reported. Three previous cases only have been reported, one in 1928 and two in 1925.

Blackwater Fever.

During the year, the number of cases of this disease was high, fourteen being notified, comprising 1 European, 11 Indian and 2 Goans. The European case and two of the Indian cases were fatal. Since this condition was made notifiable in 1928, 45 cases have been reported, fourteen of which occurred last year.

CEREBROSPINAL MENINGITIS.

There was a mild epidemic of this disease during the latter half of the year, fourteen cases being reported, with the exception of one month, September, when 5 cases were reported, the remaining cases were evenly spread over six months.

Sixteen deaths were notified from this disease among 3 Indians, 12 Natives and 1 Seychellois, thus it is apparent that all cases were not notified, or else there was a hundred per cent. mortality, the remaining 2 natives being diagnosed on the post mortem table.

In 1927, 1928, and 1930, 16, 18 and 19 cases were notified respectively the remaining years averaged five annually.

CHICKENPOX, MEASLES, WHOOPING COUGH, MUMPS.

These non-notifiable conditions have been prevalent during the year. Judging from the admissions to hospital, chickenpox was more prevalent during the latter half of the year, there were no fatal cases.

The incidence of measles increased markedly during the last two months of the year, there were no fatal cases.

Whooping cough appeared spasmodically during March and April, June and July and November and December, there was one fatal case in a native.

Mumps had a moderate incidence which extended evenly through eleven months of the year.

CHOLERA.

There is no record that this disease has occurred in Nairobi.

DIPHTHERIA.

Diphtheria occurred in 4 instances in non-epidemic form, all four cases being Asiatics, three of the cases having a fatal termination.

The average annual number of notifications over the past 10 years has been five.

Dysentery.

This disease is not notifiable, so no indication can be given as to its incidence but judging from the number of deaths it may be assumed that the incidence during 1935 was considerably lower than in the previous year.

Six deaths were recorded from this disease, among one Asiatic and five natives, compared with twelve deaths during 1934.

ENCEPHALITIS LETHARGICA.

One Asiatic case only was notified during the year, which was fatal. Previous to this only six cases have been recorded, three in 1934, two in 1932 and 1 in 1931.

TYPHOID FEVER GROUP.

There was an increase in the number of cases notified for this disease during the year, 46 being reported compared with 35 during 1934. The 46 cases comprised 9 European, 14 Indian, 21 Native, 1 Goan, and 1 Somali.

Three Asiatic, 13 Native, and one Somali case were fatal.

The disease did not assume epidemic proportions but was fairly evenly distributed throughout the year.

ERYSIPELAS.

There were seven cases of erysipelas reported among five Indians, one Native and one Seychellois, 3 of the Asiatic cases were fatal.

GLANDERS, RABIES.

No case of these diseases have yet been reported in Nairobi.

LEPROSY.

No case of leprosy was notified during the year, although it should be noted that the Municipality was financially responsible for 1,747 patient days for this disease.

Malta Fever.

No case was reported during 1935. In 1931, 1932 and 1934 there was one case of this condition.

MALARIA.

Detailed information regarding the notification of this disease, together with other statistics are given under a separate section in this report.

OTHTHALMIA NEONATORUM.

One European case was reported against two native cases for the previous year. The average number reported during the past eight years has been one annually.

PLAGUE.

One case only of plague occurred during 1935, this was in a native who was found dead, the post mortem examination showing that he died from this disease.

The last epidemic of plague commenced in 1930 continuing to 1932, since when there has been no case until the present one.

PNEUMONIA.

This disease not being notifiable, it is only possible to judge the severity of incidence by relation to deaths.

During 1935, pneumonia was responsible for 191 deaths and bronchopneumonia for 66 deaths, making a total of 257, slightly lower than last year when the total was 279.

The percentage of deaths from the pneumonias to total deaths during the year was 36.9 compared with 39.5 in 1934. The four years prior to this registered the figures of 34.1, 36.1, 36.3 and 40.0 respectively.

Of the 279 deaths from this condition, 97 were of infants one year of age and under.

The annual death rate for pneumonia per thousand of population for the races, during 1935, is as under:—

	Race.		1	Death rate.	
Name of the last	White	 		0.90	
	Asiatic	 		4.42	
	Native	 		6.39	
	All races	 		5.13	

The death rates for all races from pneumonia for the past ten years are as under:—

1926	 5.2	1931	 4.9
1927	 5.9	1932	 3.7
1928	 7.6	1933	 5.1
1929	 5.5	1934	 5.8
1930	 5.8	1935	 5.1

PUERPERAL SEPSIS.

A total of eight cases namely 1 European, 3 Asiatic and 4 Native, were notified as suffering from puerperal sepsis, two of the native cases being fatal.

The number of cases reported were in excess of those recorded last year to the extent of three.

Relapsing Fever.

Seven cases scattered through the year were notified, composed of one Asiatic and 6 Native, one Asiatic case was fatal. The incidence of this disease has decreased considerably since 1925 and 1926 when there were 46 and 27 cases respectively.

SCARLET FEVER.

One case that of an Indian was notified, it was not fatal. Only three previous cases of this disease have been recorded, one each in 1928, 1930 and 1931.

SMALLPOX.

No case was recorded, the last cases occurred in 1928.

TROPICAL TYPHUS.

Three European, non-fatal cases were reported.

It is hoped that the enforcement of the by-laws restricting the movements and grazing of cattle has caused a decrease in the incidence of this disease.

Tuberculosis.

Tuberculosis of all forms was notified in 38 instances, during the year, 24 of these referred to the pulmonary variety and the remaining 14 to forms other than pulmonary. One fatal case of pulmonary tuberculosis was recorded in a European and two non-fatal cases of peritonitis.

Eight Asiatics suffered from the pulmonary variety with two deaths, one Asiatic was recorded as having tuberculosis of a joint.

Twelve Native, two Somali and 1 Arab were notified as having pulmonary tuberculosis, and 14 Native and 1 Arab were reported as having died from this condition.

Eleven natives suffered from tuberculosis other than pulmonary, namely meningitis 2, peritonitis 2, spine 1, joint 1, adenitis 1, and disseminated 4.

Eleven native deaths are recorded from tuberculosis other than pulmonary, they comprise:—

Meningitis 5, peritonitis 1, adenitis 1 and disseminated 4.

From these figures it may be inferred that the notifications of this disease are not very accurate.

The incidence rate for all forms of tuberculosis equalled 0.75 per thousand, compared with 1.05 for 1934.

The death rate for this disease was 0.57 per thousand population, compared with 0.84 for 1934.

13. ADMISSIONS TO HOSPITAL.

The following details are of Municipal patients admitted to each of the three institutions available, namely, European Hospital, Native Hospital and Infectious Diseases Hospital, for infectious or communicable diseases requiring segregation for the public welfare.

These institutions are conducted by the Government but the Municipality is responsible for patients from the Municipality to the extent of payment for treatment.

During 1935, admissions totalled 349 which is an appreciable increase over those in 1934 which totalled 239, whilst the patient days decreased from 7.910 in 1934 to 7,882 in 1935.

The patient days on account of tuberculosis decreased from 2,901 to 1,989 compared with 1934, whilst the patient days for leprosy increased from 1,669 to 1,767.

The hospital days for chickenpox almost doubled themselves compared with the previous year, increasing from 723 to 1,413, and the days for whooping cough decreased from 226 to 192, the days for measles and mumps were 627 and 638 respectively compared with 678 and 608 for the previous year.

The total days for these four diseases totalled 2,870 compared with 2,235 for 1934.

The tables following give the details of admissions, patient days for the hospitals, the seasonal incidence of the diseases and the races affected.

EUROPEAN HOSPITAL.

Month.			Admissio	ns.	Patient days.
January		 	1		17
February		 	1		14
March		 	1		1
April		 	_		30
May		 	_		31
June	***	 	3	***	44
July	***	 	1		44 75 37 35
August		 	1		37
September		 ***	_	***	35
October.		 	4		42
November		 	4	***	106
December		 ***	2	***	49
	Total	 ***	18		481

NATIVE HOSPITAL.

			Ası	ATIC		N	ATIV	E.		1	Гота	
			Admis- sions.	1	Patient days.	Admis		Patier days.		Adm		Patient days.
January			1		2	 6		125		7		127
February		***			1	 4		103	***	4		103
March	 					 4		120	***	4	***	120
April	 		1		29	 7		62	***	8		91
May	 		2		40	 10		126		12		166
June	 				51	 5		101		5		152
July	 		1		6	 9		74		10		80
August			1		3	 2		60		3		63
September			1		41	 8		160		9		201
October						 12		162		12	***	162
November					_	 5		128		5		128
December		***	-		-	 3	***	57		3		57
Total			7		172	 75		1278		82		1450

35

INFECTIOUS DISEASES HOSPITAL.

				WHITE.	As	SIATIC.	. N	ATIVE.	To	FAL.
Month.			Admis- sions.		Admissions.	Patient days.	Admis- sions.	Patient days.	Admissions.	
January				_		-	14	372	14	372
February			-	_	_	_	2	299	2	299
March				_	-	_	11	414	11	414
April				-		-	9	382	9	382
May			_			_	20	445	20	445
Tune -	0.4.5	***				_	18	426	18	426
July	***	***		_	-	_	22	515	22	515
August	200				1	- 1	8	349	9	350
			-	_	1	11	17	381	18	392
eptember October	***	***		_	1	1	24	561	25	562
		***	1	12	Î	1	43	830	45	843
November December		***	_	31	_	-	56	920	56	951
Total			1	43	4	14	244	5,894	249	5,951

MUNICIPAL PATIENTS-SUMMARY.

		W	HITE.	Ası	ATIC.	NA	TIVE.	Тот	AL.
Hospital		Admis- sions.	Patient days.	Admissions.	Patient days.	Admissions.	Patient days.	Admissions.	Patient days.
NT ASSESSMENT	 	18 - 1	481 	7 4	172 14	75 244	1278 5894	18 82 249	481 1450 5951
TOTAL		19	524	11	186	319	7172	349	7882

MUNICIPAL PATIENT DAYS BY DISEASES.

			White.		Asiatic.		Native.		Total
Tuberculosis			116		143		1730		1989
Leprosy					_		1767	3111	1767
Chickenpox	*			111	-		1413	4.53	1413
Typhoid fever			374		25		365		764
Mumps					_		638		638
Measles			_	***	-		627		627
Whooping cough			_		_		192		192
C.S.M					-	***	169		169
Anthrax				8.77	11	131	102		113
Relapsing fever		***			2		72	***	74
Puerperal fever				***	-	***	54	***	54 34
Tropical typhus	*		34	644	-		10		12
Scabies	***		-		-	100	12	+++	11
Beri beri	***		-		-	***	11	***	11
Septicaemia			-	***	_	***	11 8		8
Erysipelas	***			***	-				3
Blackwater fever					3	4.5.5	1		3
Diphtheria	***		-	***	2	***	1	***	0
TOTAL			524		186		7172	44.0	7882

MUNICIPAL PATIENT DAYS BY MONTHS.

Total.	1767	686.	1413	764	638	627	192	169	1113	74	52	34	12	11	11	8	23	10		7882
Dec.	155	233	202	34	-1	352	43	1	16	22	1	1	1	1	1	- 1	1	1		1057
Nov.	210	184	327	129	57	102	21	10	6	2	1	14	1	1	1	1	1	1		1077
Oct.	138	172	220	102	42	18	1	40	1	00	14	12	1	1	1	1	1	1		992
Sept.	139	226	105	99	28	1	1	52	11	1	1	1	1	I	11	1	1	1		628
Aug.	186	127	19	31	253	21	1	22	1	9	Ī	1	1	1	1	1	100	1		450
July.	155	146	121	44	82	18	36	25	22	62	1	00	1	1	1	1	1	Н	1	029
June.	180	175	100	28	29	9	12	1	19	i	1	1	7	1	1	1	1	1		622
May.	124	178	124	70	89	30	1	6	1	17	17	1	5	1	1	1	1	1		642
April	120	144	44	57	72	00	24	8	1	1	15	1	1	11	1	1	T	1		503
March.	124	151	99	59	81	12	44	. 1	1	1	8	1	1	1	1	1	I	1		525
Jan. Feb.	112	123	25	45	55	46	63	1	2	2	1	1	1	1	1	1	1	1		416
Jan.	124	130	09	54	81	14	1	1	31	12	1	L	1	1	1	00	1	1		516
	:	:	1	:	:	:	:	- 1	:	:	1	:	1	:	1			:		:
	:	:	1		1	1	. :	:	:	:	1	:	:	1	:	:	:	:		:
	Tuberculosis	Leprosy	Chickenpox	Typhoid fever	Mumps	Measles	Whooping cough	C.S.M.	Anthrax	Relapsing fever	Puerperal fever	Tropical typhus	Scabies	Beri beri	Septicaemia	Erysipelas	Blackwater fever	Diphtheria		TOTAL
																			1	

14. MALARIA.

Malaria was made notifiable from February 1930. During 1935, 3,949 ases were notified as suffering from malaria, 3,500 being residents and 449 on-residents, compared with 2,394 cases notified during 1934 comprising ,102 residents and 292 non-residents.

MALARIA NOTIFICATIONS.

			Re	esident.			No	n-Resider	nt.	
Month.		White.	Asiatic.	Native.	Total.	White.	Asiatic	Native.	Total.	Total
January	***	2	86	31 -	119	3	2	8	13	132
February		5	70	27	102	. 7	1	18	26	128
March		5	101	36	142	2	4	16	22	164
April		37	365	328	730	16	2	52	70	800
May		28	346	531	905	10	3	87	100	1005
June		36	297	414	747	12	4	83	99	846
July		16	218	186	420	13	- 5	50	68	488
August		8	78	60	146	3	1	22	26	172
September		2	36	30	68	1	1	10	12	80
October		2	14	14	30	2	2	2	6	36
November	***	2	33	6	41	1	_	1	2	43
December	***	4	31	15	50	2	2	1	5	55
TOTAL		147	1675	1678	3500	72	27	350	449	3949

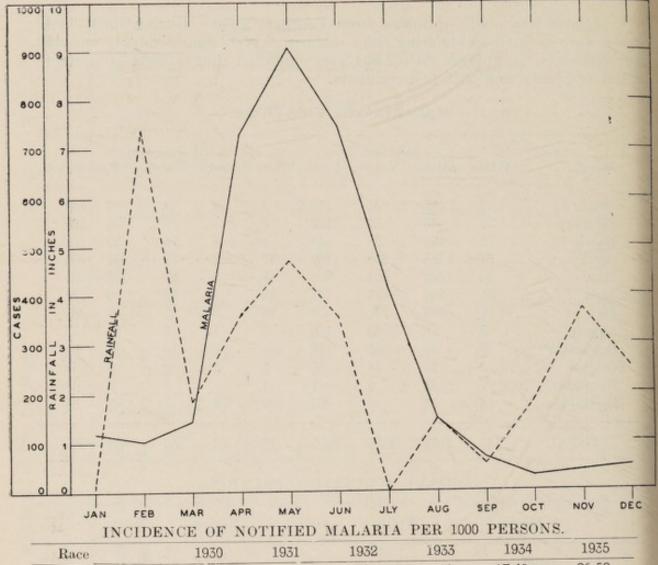
LOCALLY ACQUIRED INFECTIONS.

Month.		White	Э.	Asiatio	C.	Nativ	е.	Total.	
January	***	2	***	85		30		117	
February	***	3		69		21	***	93	
March		_	***	101	227	31		132	
April	340	27		359	***	317	***	703	
May		20	***	342		525		887	
June		28	***	297	***	406		731	
July		14		217		181	2000	412	
August		_		77.	100	57		134	
September		_		36	***	28		64	
October		2		14		11		27	
November	144	2		32	***	3		37	
December		3		30		11	***	44	
TOTAL		101		1659		1621		3381	

The seasonal incidence of the locally acquired infections as shown on the accompaying graph illustrates the epidemic commencing in March reaching its peak in May and gradually decreasing in severity during the succeeding months and finally ceasing in October.

The monthly rainfall has been plotted on the graph for comparative purposes.

MALARIA AND RAINFALL.



Race		1930	1931	1932	1933	1934	1935
White Asiatic Native		23.88 30.51 10.84	 13.19 10.87 6.73	 13.81 7.41 24.20	 8.18 15.36 29.66	 17.40 77.32 24.81	 26.58 101.50 59.92
All races	***	16.62	 8.81	 17.64	 22.60	 40.57	 69.93

The following tables present an analysis of the notified resident cases of malaria.

The diagnosis of all the notified cases with the exception of those termed "Clinical" has been supported by laboratory examination.

In the case of those classified as "Clinical" the laboratory finding was either absent or negative and evidence was produced that reasonable care had been taken in diagnosis.

Endeavour has been made since the inception of the notification of malaria to classify each case according to the location of the probable source of infection.

All the cases are placed in one of the following classes:-

i. Nairobi. More or less conclusive evidence of infection taking place within the Municipality.

2. Ex-Nairobi. Evidence of infection being contracted outside the Municipality.

3. Doubtful. Cases not falling into the previous categories or in which no definite information could be obtained.

PROBABLE SOURCE OF INFECTION.

Source of					f Cas					Per	centag	e.	
infection		1930	1931	1932	1933	1934	1935	1930	1931	1932	1933	1934	1935
Nairobi		107	79	243	865	1924	3281	13.6	18.8	29.1	80.8	91.5	93.7
Ex-Nairobi		84	133	214	184	169	219			25.6			6.3
Doubtful	***	598	208	379	22	9	-	75.8	49.5	45.3	2.0	0.4	0.0
Total		789	420	836	1071	2102	3500	100.0	100.0	100.0	100.0	100.0	100.0

The percentage of locally acquired infections is higher than in 1934 and now reaches a considerable figure.

The percentage of infections acquired outside the Municipality has accreased considerably.

The fact of there being no doubtful cases is undoubtedly due to more accurate information being tendered on the notification form.

Classification of the reported cases according to the type of infection and the probable source of infection is indicated in the accompanying tables.

TYPE OF INFECTION AND PROBABLE SOURCE.

Probable source.		Clinica	1.	Benig tertian		Quar	tan.	Sub- tertia		Double		Total cases.
Nairobi		41		473		66		2840		39	***	3381
Ex-Nairobi		11		5		2		101		-		119
Doubtful	***	-		-	***	-	***	-	***	-	12.00	
Total Residents		52		478		68		2941		39		3500
Total Non-Reside		16	***	24			***	405		2	y	449
TOTAL		68		502		74		3346		41		3949

PERCENTAGE OF TYPES OF INFECTIONS.

Туре		Nairob	i.	Ex-Nairo	bi.	Doubt	ful.	Non Residents.	Percentage total cases.
Clinical		1.2	F	9.2		_		3.6	 1.7
Benign tertian		13.8		4.0		-		5.3	
Quartan		2.0		1.7	***	-		1.3	
Sub-tertian	***	83.0		84.9	***			89.9	 83.9

Subtertian infection, as hitherto, represents the large proportion of the total cases. During 1935 this figure was 83.9% compared with 84.4% for the proceeding year.

Benign tertian infection showed a 27.2% rise during 1935, and the percentage to total cases of Quartan infection showed an increase of 63.6%.

For comparative purposes and for the purpose of this report, the Municipality has been divided into 10 districts, the names of these districts being sufficient to indicate their position.

The following table indicates the number of cases of malaria notified from each of the undermentioned districts:—

NAIROBI INFECTIONS.

	District.		1930	Number 1931	of cases 1932	notifie 1933	d. 1934	1935
1.	Upper Parklands		 _	_	1	3	4	5
2.	Muthaiga		 3		î	8	21	17
3.	Westlands	***	 1		1	_	3	11
4.	Parklands		 10	4	9	31	47	56
5.	Forest Road		 11	6	14	133	266	458
6.	Racecourse Road		 _	3	42	128	137	499
7.	Eastleigh		 2		8	30	36	108
8.	Kilimani		 2	2	10	19	12	24
9.	Hill		 5	2	23	63	113	100
10.	Commercial		 73	62	134	450	1285	2103
	TOTAL		 107	79	243	865	1924	3381

It is noted that by far the largest incidence occurs in the "Commercial," "Forest Road," and "Racecourse Road" districts.

As pointed out in previous reports, the worst areas affected are contiguous to the Nairobi swamp, which is without doubt the causative agent for the large majority of cases reported from these districts.

It is hoped that the elimination of the swamp will one day be accomplished bringing with it a decrease of the sickness rate of the inhabitants who live in contiguous areas.

DOUBLE INFECTIONS.

Source of infection				Subtert beni terti quart	gn an	Subterti & quarti	Subertia benign tertian.	n (Quartan & benign tertian.		o. of cases otified.
Nairobi				1		3	 33		- 1		3381
Ex-Nairobi				-	***	-	 -	200	-	147	119
Doubtful				-		-	 -		-		_
Non-Resident				-			 2				449
TOTAL				1		3	 35		1		3949
Percentage of	tota	l cas	es	0.02		0.07	 0.88		0.02		

Double infections were recorded in 40 instances or 1.01% of the total cases, compared with a percentage of 1.87 for 1934, 1.55 for 1933, 1.97 for 1932, 0.69 for 1931 and 2.3 for 1930.

There was a mortality rate of 1.64% of the total cases notified.

The mortality rate among residents amounted to 1.65% and among non-residents to 1.55%.

The mortality rate for residents for the previous five years was 3.68%,

2.62%, 2.56%, 2.24%, and 1.52% respectively.

The death rate from malaria per thousand of population during 1935 was 1.15, an increase over the previous four years when the figures were 0.35, 0.42, 0.50, and 0.67 respectively.

Three deaths from blackwater fever, comprising one European and

two Asiatics, were recorded during the year.

Details of the deaths from malaria during the year will be found under:

41

DEATHS FROM MALARIA.

Month.		Number of cases notified.			Number of deaths.	mo	Percentage ortality rate.
January			119	****	3		2.52
February			102		3 3		2.94
March			142		2		1.40
April		***	730	***	6		0.82
May			905		9		0.99
June			747	***	7		0.93
July			420		15	***	3.57
August			146		9		6.16
September			68		-		-
October			30		2		6.66
November			41				
December		***	50	***	2	***	4.00
Total			3500		58		1.65
Non-resid	ent	***	449		7	***	1.55
TOTAL			3949	***	65		1.64

DEATHS FROM MALARIA AND RATES FOR THE RACES FOR 6 YEARS.

		Nı	ımber	of de	eaths.	Rate per 1000.						
Race.	1930	1931	1932	1933	1934	1935	1930	1931	1932	1933	1934	1935
White	 1	-	_	1	1		0.22	-	_	0.18	0.18	
Asiatic	 12	12	10	6	18	11	1.09	0.76	0.66	0.39	1.19	0.66
Native	 26	5	10	17	13	47	0.81	0.18	0.37	0.63	0.45	1.67
All races	39.	17	20	24	32	58	0.82	0.35	0.42	0.50	0.67	1.15

DEATHS FROM MALARIA AND RATES FOR 17 YEARS.

Year.		Number of deaths.	Death rate per 1000
1919	 	47	 _
1920	 	37	
1921	 	22	
1922	 	29	 _
1923	 	28	 _
1924	 	32	 -
1925	 	19	 _
1926	 	130	
1927	 	25	 1.1
1928	 	27	 0.60
1929	 	27	 0.56
1930	 	39	 0.82
1931	 	17	 0.35
1932	 	20	 0.42
1933	 	24	 0.50
1934	 	32	 0.67
1935	 	58	 1.15

15. ANTI-MALARIAL WORK.

As a routine the whole length of the anti-malarial canals as well as newly constructed drains and streams was inspected at frequent intervals, clearing and repairing taking place where necessary.

The work of widening and straightening the Getathuru River, which was commenced in 1934, was completed, the whole length being treated.

Similar work of straightening the Nairobi River was undertaken from Plot 136 to the Eastleigh border.

Attention was also given to clearing and improving the stream from the Municipal boundary at Spring Valley Estate to Mpaka Road.

The disused quarries and pits on the south side of the stream near the Infectious Diseases Hospital, which always required a great deal of attention, were given attention, filling operations being carried on by prison labour. This entails an enormous amout of work and although the work was in progress at the end of the year, a considerable time must elapse before the work will be completed.

The malaria epidemic necessitated a considerable amount of emergency work, extra labour requiring to be employed and extra oil being used. This emergency work cost the sum of £668 in addition to the ordinary expenditure in this direction.

One of the features in connection with this epidemic was the supplying of spray pumps, either free or at a reduced cost and the supplying of pyrethrum fluid for the sprays free.

The total mileage for the lorry used for anti-malarial work totalled 9,554 miles.

During the year a total of 14,340 gallons of oil mixture was used in the endeavour to control the breeding places of mosquitoes.

16. RODENT DESTRUCTION.

Routine rat trapping was carried out as in former years, the rat gang consisting of six boys working under the direction of the sanitary inspectors.

The Railway Administration provide their own rat gang, which operates on railway premises and land.

Ten rats were sent to the laboratory for examination, but none of them proved to be positive to *B. pestis*. Nine of these were found dead, eight from the commercial area and one from the grounds of the European Hospital during intensive trapping and baiting measures.

The number of rats destroyed by the Municipal rat gang totalled 18,529 compared with 16,340 during 1934.

The Railway gang accounted for 6,418, compared with 6,585 during the previous year.

It should be noted that the following table refers to rats trapped and takes no account of the numbers destroyed by baiting.

RATS TRAPPED.

Month.		1	Municipal gang.		Railway gang.		Total.	
January		***	1414	***	555		1969	
February			1319		523	17999	1842	
March			1477		508		1985	
April	***		1407		505		1912	
May			1499		597		2096	
June			1559		505		1954	
July			1515	***	485		2000	
August			1553		430		1983	
September			1596		562		2158	
October			1855		647		2502	
November		***	1817		535		2402	
December			1628		516		2144	
TOTAL	A		18529		6418		24947	

17. SANITATION.

Conservancy.

There has been no change in the method of night soil disposal. During the year approximately 3,263 buckets have been attended to daily by the Conservancy Department, compared with 3,350 during 1984.

Eleven premises with 47 closets have been connected with the sewer during 1935, making a total of 1,177 water closets in use connected to the

sewerage system of the town.

New septic tanks have been installed in 49 instances, making a total of 436 in the Municipality. One conserving tank in connection with a septic tank installed on land not capable of dealing with the effluent has been installed, increasing the total to nine.

Six pits for dealing with water closet discharges were provided where the soil was particularly suitable. Ox-drawn vehicles are used exclusively for night soil collection, but it is intended to improve these carts and fit them with pneumatic tyres.

SEWERS.

Additions to the sewerage system since the last report include 3,122 feet of six inch sewer to serve Pumwani, followed by a 1,000 feet extension of six inch asbestos cement pipe in the same area.

A nine inch fireclay pipe over 4,000 feet in length has been laid on the

south side of the Nairobi River on Plot 136.

Three lengths of seven inch sewer totalling 1,700 feet has been laid to serve part of the River Road area, and the conversions of latrines and other drainage works are now in progress.

Approximately 500 feet of nine inch sewer was constructed in Bazaar Lane and 220 feet in Kirparam Road, the latter short length being carried out by the Municipal Council on behalf of the owners of adjoining plots.

REFUSE COLLECTION.

The large motor freighter continued in service during the year whilst the smaller vehicle was withdrawn and ox-drawn carts were used for refuse collection. These ox carts have been greatly improved, being now fitted with pneumatic tyres.

The tractor and trailer are no longer employed for this work.

18. SANITARY INSPECTIONS.

Details of the work performed by the inspectorial staff of the Public

Health Department will be found in the summary which follows.

As one inspector was away from the middle of March and his post was not replaced during the remainder of the year, the amount of work performed naturally suffered in consequence, and was less than that for 1934 when full time inspectorial services were recorded.

It will be noted that 7,906 premises were inspected for nuisances compared with 11,856 inspected during 1934, and 1,241 defects were

remedied compared with 2,618 remedied during the previous year.

The number of statutory notices served was 365, the majority of these being served under the provisions of the various by-laws.

SUMMARY OF WORKS PERFOR	MED.	
Nuisances.		
Inspections made to:—		9.040
Dwelling houses		 2,240
Restaurants and eating houses		 284 122
Laundries		 130
Hotels and bars		 14
Offensive trades		 20
Stables and cattle sheds		 3,850
Offices and trade premises		 1,005
Open spaces, streets, etc		 23
Complaints registered and investigated		 Nil
House to house inspections		 2,11
Defects remedied:—		72
Premises dirty or verminous		 1
Dwellings overcrowded		 14
Dwellings without proper water supply		 29
Dwellings unfit for habitation		 2
Insanitary dwellings demolished		 14
Yards unpaved Rat infestation		 5
70.7 11.11		 26
Latrine accommodation defective		 28
Latrine accommodation inadequate		 19
Drains, closed water carriage, choked		 26
Drains, closed water carriage, defective		 7
Drains, open, choked		 54
Drains, open, defective		 25
Drains absent or inadequate		 6
Septic tanks or cesspits defective		 12
Septic tanks or cesspits choked		 7
Waste water disposal defective or inadequat	-	 36
Soil or waste pipes choked		 5
Soil or waste pipes defective		 7
Accumulations of refuse		 204
Dustbins absent or defective		 263
Foodstuffs unprotected against rats		 168
Sleeping in kitchens or food stores		 8
Mosquito breeding		 158
*		

Animals causing n Miscellaneous							1 44
Defects remedied	oy ver	bal in	timatic	n	***		703
Defects remedied	by wri	tten i	ntimati	ion			172
Defects remedied	by sta	tutory	notice	es			365
SEWERAGE CONNECTIONS.							
Premises connected to	sewer						11
Pail closets, etc., conv				osets			5
New closets installed to	sewe	r					47
The state of the s							11
ERECTION AND ALTERATION		LDING	S.				
		***	***	***	***		353
Inspections made		***			***		1,554
Completion certificates	issued		***				186
LICENSING OF TRADE PREMIS	SES.						
Inspections made							907
Re-inspections made							178
Infectious Diseases.							110
Cases investigated	***	***		***			3
Inspections made		1.1.1			***		5
Rooms disinfected	***				***		17
Articles disinfected							6
RATS.							
Number destroyed							18,529
Notices Served.							
Public Health Ordinan	0.0						01
	ce						91
Municipal By-Laws:	1	100					40
Cleansing plots, B						***	46
Inadequate latrine					510		25
Others, By-laws 5							17
Refuse receptacles						***	132
Drainage By-laws							48
Demolition Orders	(Insar	nitary	Dwelli	ings B	y-laws)		2
Intimation Notices:—							
Number sent							38
Prosecutions							21
19.	FOO	DD C	ONTR	OL.			
TRADE PREMISES SUBJE	CT TO	CONT	TROL U	INDER	SPECIA	AL BY	-LAWS.
	1929.	1930.	1931	. 193	2. 1933	3. 193	34. 1935.
Aerated water factories	5 .	. 5	4	4	5		4 5
Bakeries				11	10	1	
Butchers' shops		17	21	21	19	1	
Dairies and milk shops		20	28	26	32	2	
Fishmongers		9	14	15	11		8 8
Laundries and dhobies		23	21	24	20	1	
P. dd	1012	5	6	7	8		
		46	40	40	32	2	
V7 - 1 - 1 1 1 1 1					20	10	
Vegetable dealers	19 .	17	19	22	20	1	20

These premises are exclusive of stalls in the Municipal Market.

The 22 Dairies and Milk Shops include 7 cowkeepers who retail milk, of these 6 are European and one Somali.

The remaining 15 premises are retailing milk depots, 4 being European and 11 Asiatic.

INSPECTIONS TO PREMISES UNDER SPECIAL CONTROL.

				N	umber	of Inspections
Aerated wa	ter factorie	s	 			551
Bakeries			 			102
Butchers' sh	nops .		 			369
	Milk shop	S	 		***	1,199
Fishmonger			 			96
Laundries a	and dhobies		 	***		122
Restaurants			 			13
Eating hous			 			271
Vegetable of			 ***		***	130
Hotels and	boarding h	ouses				130
Markets			 			450
Grocers	***		 			109

FOOD INSPECTED AND CONDEMNED.

				Inspected lbs.	Condemned lbs.	
Fish	1 .	 		28,130	 114	
Fru		 		9,755	 1,147	
	vicione	 	***	53,864	 1,587	
Mea				64.290	 5.926	
	1 11	 		20,185	 5,926 210	
	tled goods	 		3,104		

20. ABATTOIR.

The amount of work carried out at the abattoir is still progressively increasing, the total number of animals slaughtered during 1935 was 50,661 being an increase of 3,323 or 7% over the number slaughtered last year.

The total number of oxen slaughtered during the year decreased from 14,795 to 13,813 but it should be noted the number of grade oxen slaughtered increased from 4,531 to 4,806, a matter of 6%, a percentage about equal to the decrease in the number of total oxen slaughtered.

Fewer calves were slaughtered and the percentage of condemnations for these animals was decreased.

There was a large increase in the number of sheep killed, the number leing 10,668 against 8,288 in 1934, an increase of 28%.

The number of goats slaughtered showed an increase of 8% being 23,417 ccmpared with 21,594 during 1934.

There was also an increase of the number of pigs slaughtered to the extent of nearly 14%, the figure being 2,226 against 1,959 for last year.

Tables are shown giving the number of animals killed during 1935, the percentage of condemnations and the causes of condemnation. Tables are also included showing the condemnation rates for the types of oxen for a number of years.

The number of oxen condemned for all causes amounted to 2,748 or 19.8% of the total slaughtered, compared with 19.5% for 1934.

2,389 or 17.2 of the oxen were condemned for cysticercus bovis, com-

pared with 2,420 or 16.3% for 1934.

Of the remainder, 115 were rejected for being in a fever condition, 61 for dropsy, 42 for emaciation, 53 for jaundice, 23 for bruising, 18 for redwater, 15 for sepsis, 12 for tuberculosis, 8 for heartwater, 4 for East Coast fever, 4 for anaplasmosis, 2 for rinderpest and one each for septicaemia and diffused haemorrhage.

Of the 101 calves condemned, 94 were rejected on account of cysti-

ccrcus bovis, 6 for redwater and one for heartwater.

277 or 2.59% of the sheep killed were condemned, the causes being—48 fevered, 98 septic condition, 74 lymphadenitis, 22 emaciation, 17 dropsy,

17 jaundice and one bruising.

The principal causes for the rejection of goats were heartwater, fevered, dropsy and sepsis which accounted for 877 out of the 960 condemnations, the remaining conditions were, joundice 39, emaciation 31 pleuropneumonia 7, lymphadenitis 3, bruising 2 and pneumona 1.

The percentage of condemnations for pigs increased from 1.02 to 2.47. Of the 55 rejected, 18 were found fevered, 18 had jaundice, 11 had diffused haemorrhage, 3 had bruising, 2 were septic, one had tuberculosis, one dropsy

and one rickets.

The estimated weight of total meat condemned was less than in 1934 by 2,384 lbs., the figure for 1935 being 1,206,629 against 1,209,013 in 1934.

The weight of meat condemned reached a peak figure in 1933, since then it has gradually declined.

INSPECTIONS.

1935.					Number Inspected.	er of car	casses ondemne	1.	Percentage of carcasses condemned
Oxen-	Grade	2 123		4,806		682		14.19	
	Native			9,007		2,066		22.93	10.00
				-	13,813		2,748		19,89
Calves			***		537	***	101		18.80
Sheep					10,668		277	***	2.59
Goats	***				23,417		960	100	4.09
Pigs	***		*		2,226	***	55		2.47
То	tal		%		50,661		4,141		8.17

ORGANS CONDEMNED APART FROM CARCASSES.

Total					82,531
Other			***	***	52
Heads					4,359
Tongues				***	4,377
Intestin	es				4,687
Spleens					4,851
Stomach	s				5,105
Hearts				***	5,809
Kidneys		111			9,424
T .		***		***	17,479
Lungs		***			26,388

ESTIMATED TOTAL WEIGHT OF MEAT CONDEMNED.

DC			-	1 107 141 11
Beef	***	***	***	1,103,141 lb.
Veal				12,011 lb.
Mutton				19,748 lb.
Goat				58,785 lb.
Pork				12,944 lb.
Total				1,206,629 lb.

CONDITIONS NECESSITATING CONDEMNATIONS.

			02	ken.					
				Native.	Calves.	Sheep.	Goats.	Pigs.	Total.
Anaplasmosis		***	1	3	-		_		. 4
Bruising			20	3	-	1	2	3	29
Cysticercus bovis			495	1894	94	-		_	2483
Diffused haemorrhag	e		1		_	-		11	12
Dropsy			33	28	-	17	130	1	209
East Coast Fever			-	4	-	-	- /	-	4
Emaciation			28	14	-	22	31	-	95
Fevered			54	61	-	48	255	18	436
Heartwater			_	8	1	-	359	-	368
Jaundice			34	19		17	39	18	127
Lymphadenitis			-	-	-	74	3	-	77
Pleuropneumonia			-	-	-	-	7	-	7
Redwater			4	14	6		-		24
Rickets			-	-	_	-	-	1	1
Rinderpest			-	2	-	-	-	-	2
Septic condition			9	6	-	98	133	. 2	248
Septic pneumonia			_	-	_	-	1	-	1
Septicaemia			-	1	-	-	-	-	1
Tuberculosis		***	3	9	-	-		1	13
TOTAL			682	2066	101	277	960	55	4141

OXEN SLAUGHTERED AND CONDEMNED FOR ALL CAUSES.

Year.		No. killed.	Grade No. cond.	% cond.	No. killed.	Native No. cond.	% cond.	No. killed.	Total No. cond.	% cond.
1927	044	5,634	232	4.1	5,178	335	6.4	10.812	567	5.2
1928		4,907	290	5.9	6,827	. 480	7.0	11,734	770	6.5
1929		4,151	252	6.0	7,617	762	10.0	11,768	1,014	8.6
1930		4,214	313	7.4	7,243	738	10.1	11,457	1,051	9.1
1931		4,306	471	10.9	9,375	1,318	14.0	13,681	1,789	13.0
1932		3,054	363	11.8	11,044	1,757	15.9	14,098	2,120	15.0
1933		2,924	399	13.6	12,968	2,625	20.2	15,892	3.024	19.3
1934		4,531	664	14.6	10,264	2,230	21.7	14,795	2,894	19.5
1935		4,806	682	14.1	9,007	2,066	22.9	13,813	2,748	19.8

	OX	EN SLA	AUGHT Grade	ERED	AND C	ONDEMN Native	ED FO	R "MEA	ASLES." Total	
Year.		No. killed.	No. cond.	cond.	No. killed.	No. cond.	cond.	No. killed.	No. cond.	% cond.
1927		5,634	1		5,178	_	_	10,812	490	4.5
1928		4,907		-	6,827			11,734	740	6.3
1929		4,151		_	7,617			11,768	975	8.2
1930		4,214	277	6.5	7,243	683	9.4	11,457	960	8.3
1931		4,306	388	9.0	9,375	1,227	13.0	13,681	1,615	11.8
1932		3,054	321	10.5	11,044	1,568	14.1	14,098	1,889	13.3
1933		2,924	326	11.1	12,968	2,158	16:6	15,892	2,484	15.6
1934		4,531	600	13.2	10,264	1,820	17.7	14,795	2,420	16.3
1935		4,806	495	10.2	9,007	1,894	21.0	13,813	2,389	17.2

REPORT OF CHILD WELFARE, ANTE-NATAL, AND VENEREAL CLINICS, DISPENSARIES, AND HOME VISITS.

By Evelyn F. Hartley, M.B., CH.B. (EDIN.),

Medical Officer in Charge.

The Municipal Council officially took over these auxiliary health services from the Government Medical Department as from 1st October, although on June 1st the Council appointed Dr. Hartley as Medical Officer in charge of the department in anticipation of the take-over.

From the beginning of the year until June there was no Medical Officer in charge, the work being carried on by two Health Visitors, Miss R. K. Sharp and Miss Rice Oxley. During the absence on leave of Miss Sharp from January to April, her work was undertaken by Mrs. Bailey.

When the Council assumed control of the services in October they appointed two Health Visitors, Mrs. Dugmore and Mrs. Bailey, and in addition Miss Sharp was seconded to the Council for the sake of continuity.

During the year, the same centres as formerly have been retained, namely, Pumwani, Pangani, and the Railway Landies. Early in the coming year it is intended to establish a centre in a new building which is to be erected in the grounds of the Indian Maternity Hospital.

CHILD WELFARE CLINICS.

The work of this department has been somewhat handicapped due to the fact that for the first six months of the year there was no Medical Officer, and the work of the three clinics was maintained by two Health Visitors only.

During the year, 121 clinics were held with a total of 11,385 attendances.

The native women are beginning to understand and appreciate the recessity for the weekly weighing and inspection of their children and it is very gratifying to see mothers bringing up as many as four children every week

Since October there has been a staff of three Health Visitors and this has enabled more house to house visiting to be done. This is considered to be the most important part of the work, as in this way the confidence of the women is gained and many who in the past have been prejudiced against the clinics have been persuaded, together with their children, into becoming regular attendants.

ANTE-NATAL CLINICS.

The Lady Grigg African Maternity Hospital is the chief centre of this work, 52 clinics being held with a total attendance of 1,423. In 1933 there were only seven beds in the hospital, but at the end of 1935 eighteen beds were in use. The number of serious abnormal cases admitted from the Reserves is gradually decreasing, as quite a number of these women attend for ante-natal treatment, and so make the hospital known to others on their return to the Reserve. The emergency work of this hospital is undertaken by the Medical Officer in charge of the Child Welfare Department.

Weekly ante-natal clinics are also held at the Lady Grigg Indian Maternity Hospital, but the members seen are not many as they consist mainly of cases referred by the Matron as requiring further advice and treatment. Clinics are also held weekly at Pangani and the K.U.R. Landies, any abnormal cases being sent to the Pumwani Maternity Hospital for treatment. The number of attendances at these two clinics was 1,288, which is an increase of 513 over last year, and this increase is considered to be due to the greater number of home visits.

VENEREAL DISEASE CLINICS.

During the year there has been a marked increase in the attendances at the V.D. clinics, the total of 5,277 showing an increase of 1,310 over last year. This is mainly due to the work of the Health Visitors, who discover the cases in the homes and persuade them to come for treatment, impressing upon them the dangers of the disease to themselves, their children, and to others.

The attendance of children also shows a considerable increase over those of last year, the cases being mainly of yaws, and those being chiefly from the K.U.R. Landies.

Prostitution in the localities has not improved, but the definite increase in the attendance at the V.D. clinics is an indication that progress is being made towards improving the health of the native women.

D'SPENSARIES.

The number of attendances at the dispensaries totalled 36,259, an increase of 7,192 over those of last year.

Whooping cough and broncho-pneumonia have been very prevalent throughout the year, and during September, October, and November there was an epidemic of measles.

During November there were two cases of cerebro-spinal meningitis sent to hospital from the K.U.R. Landies clinic.

The following tables indicate the work performed at the various clinics and also make comparison with the work of previous years.

CHILD WELFARE CLINICS.

			Pumwani.		Pangani.	K.U	J.R. Lan	dies.	Total.
Clinics held Attendances	 		49 4,763		51 2,489		21 4,133		121 11,385
		AN	TE-NAT	AL (CLINICS.				
			African		Pangani.		J.R. Lar	ndies.	Total.

V.D. CLINICS.

			Syphilis Attendances.		Ya. Attend	ws lances.	Total Attendances	
			New cases.	Old cases.	New cases.	Old cases.		
PUMWANI:	Women Children	***	 1,525 54	201	233 182	48 55	2,007 297	
	Total		 1,579	207	415	103	2,304	
Pangani:	Women Children		 884 24	79 5	128 49	22	1,113 86	
	Total		 908	84	177	30	1,199	
K.U.R. L	Women Children		 694 51	115 17	115 610	31 141	955 819	
	Total		 745	132	725	172	1,774	
Total:	Women Children		 3,103 129	395 28	476 841	101 204	4,075 1,202	
	TOTAL		 3,232	423	1,317	305	5,277	

DISPENSARIES.

		Pumwani.	lies.	Total.			
Women Children	:::	 3,041 4,541	 1,552	 3,817 21,023		8,410 27,849	2.3
Total		 7,582	 3,837	 24,840		36,259	

VISITS BY HEALTH VISITORS AND NATIVE STAFF.

Pumwani	 	4,711
Pangani K.U.R. Landies	 	4,463 2,972
Total	 	12,146

COMPARISON OF ATTENDANCES AND VISITS.

	1931.	1932.	1933.		1934.	1935.
eal Disease clinics	5,574 3,123 23,413 991	. 4,219 . 23,316			11,698 3,967 29,066 2,198	 11,385 6,277 36,258 2,711
otal attendances 3	33,101	37,085	 36,699	***	46,929	 55,631
Iome Visits	7,554	3,646	 4,373		7,738	 12,146
tome visits	1,001	,				

· 6 5,04 1817 1.146 35,10.

