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ANNUAL REPORT

OF THE

Public Health Department of the City of Port-of-Spain

FOR THE YEAR

1940

BY

RODERICK MARCANO, M.D. (Lond.), M.R.C.P. (Lond.), D.P.H. (Lond.).

MEDICAL OFFICER OF HEALTH.

TRINIDAD :

PRINTED BY THE GOVERNMENT PRINTER, GOVERNMENT PRINTING OFFICE, PORT-OF-SPAIN.

1941



With the Compliments

of

The Medical Officer of Health

Port-of-Spain, Trinidad, B.W.I.



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Local Authority in the Urban Sanitary District of the City of Port-of-Spain.

1939-40.

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Deputy-Mayor.

Councillor Leo Alexander Pujadas.

Aldermen.

A. P. T. AMBARD.

GASTON JOHNSTON, R.C.

H. A. DE FREITAS.

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MURCHISON RIGSBY.

Councillors.

N. K. ABLACK.

PAGS.

DR. T. P. ACHONG.

G. CABRAL.

A. GOMES.

V. D. GORMANDY.

G. J. McCarthy.

E. M. MITCHELL.

A. RICHARDS.

M. G. SINANAN.

G. L. THOMAS.

L. B. THOMAS.

V. R. VIDALE.

L. WALCOTT.

R. A. Young.

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ATODIAW AL

Public Health Department, 35, Frederick Street, Port-of-Spain, Trinidad, B.W.I.,

13th October, 1941.

URBAN SANITARY DISTRICT OF THE CITY OF PORT-OF-SPAIN.

SECRETARY LOCAL AUTHORITY,

Sir,

I have the honour to submit, for the information of the Local Authority, the Annual Report on the health and sanitary condition of the Urban Sanitary District of the City of Port-of-Spain for the year ended 31st December, 1940.

The state of the public health during the year, which forms the subject of this report, can be considered to be, on the whole, quite satisfactory, no outbreaks of epidemic disease having been recorded and the vital statistics revealing a picture of steady improvement in very many directions.

The population of the City was estimated to be 92,302 as compared with 90,375 for 1939, an increase of 1,927 souls, of which figure 1,369 represent the natural increase, *i.e.*, the excess of births over deaths.

The birth rate worked out at 31.82, the death rate 16.99 per 1,000 population; the maternal mortality 4.09, and the infant mortality rate 99.08 per 1,000 live births.

As regards the death rates for infectious diseases the figures show a decline on the corresponding for 1939, the death rate for notifiable infectious diseases being 2.25 per 1,000 population, as compared with 2.87 per 1,000 population in 1939.

The death rate for pulmonary tuberculosis declined from 1.85 to 1.28 per 1,000, that for enteric fever from .17 to .12 per 1,000 population.

The rate for malaria was .20 per 1,000 and syphilis .38 per 1,000, as compared with the corresponding rates in 1939 of .21 and .29 per 1,000 population.

No improvement in the mortality attributable to the chronic system diseases has been noted; on the contrary the figures were, on the whole, slightly higher than those for 1939.

Cancer and other malignant diseases were responsible for a mortality of .85 per 1,000 as compared with .84 per 1,000 in 1939.

The routine activities of the Department continued unabated, but special attention was directed, during the year, to the housing and the food problem in both of which it is gratifying to be able to record satisfactory progress though, of course, much leeway remains to be made up.

The continuation of hostilities has, so far, had no noticeable effect on the state of the public health but it is feared that there is a possibility of an increase of those so-called social diseases which are associated with the presence of the soldiery in an urban population; and soaring prices coupled with the relative scarcity, on occasions, of certain essential commodities may possibly affect the level of resistance of the poorer sections of the community—a state of affairs which is usually reflected in an increase in the incidence and the mortality of tuberculosis, pneumonia and other infectious dieseases, as well as of the large group of deficiency diseases which are due to a deficient intake of the essential accessory food factors known as vitamins.

Two main problems which have a direct bearing on the public health still remain to be solved and are, at the moment, engaging the very earnest attention of the Public Health Department in collaboration with the Departments of the City Engineer and the Town Clerk. I refer to Water and Sewerage.

The question of providing a sufficient supply of water for the increasing population has been brought to the forefront by two events during the year under review:

(a) The comparative drought which prevailed in the earlier part of the year and which had an adverse effect on the gravitational sources of supply and

(b) The findings of the Committee appointed to "consider and report on the entire water supply of the City of Port-of-Spain" which, stated briefly, recommended the establishment of a single large gravitational source of supply removed from sources of possible pollution, such as may be obtained from the Aripo River, but which permitted, as an emergency measure for the duration of war, the drilling of one or more additional wells adjacent to the Farrell Pumping Station at Cocorite to augment the present inadequate supply.

I am able to record that City Engineer is, at the moment, actively engaged in putting into effect this latter suggestion.

The sewering of Belmont and East Dry River, the two most unhealthy sub-districts of the Urban Sanitary District, is an urgent necessity to which I have referred on previous occasions and should be undertaken at the earliest possible opportunity, the necessary funds to be obtained by the raising of a loan for the purpose.

The plans have all been prepared by the City Engineer's Department and are ready to be translated into actual fact as soon as the necessary materials can be obtained.

Finally, my sincere and grateful thanks are due to His Worship the Mayor, Aldermen and Councillors for the deep interest they take in all matters affecting the state of the public health, and for the ready support they gave to all measures designed to ameliorate the health of the Urban Sanitary District which engaged the attention of the Local Authority during the year and I take this opportunity to record, also, my appreciation of the help given by the City Engineer's and the Town Clerk's Departments in all matters of mutual concern.

I have the honour to be,

Sir,

Your obedient servant,

RODERICK MARCANO,

Medical Officer of Health.

SANITARY CIRCUMSTANCES.

Water.

The daily bacteriological examination of the sample of mixed City Water taken from a tap at the Laboratory and the weekly bacteriological examination of the samples taken at the various sources of supply show that, although a high standard of potability was maintained during the year, there were more samples which were deemed unsafe for human consumption than during the previous year (1939) necessitating the addition, on these occasions, of an increased amount of chlorine to the water.

Bacteriological Examination of Water Supply. (Mixed)

No. of daily samples examined.	No. of samples with B. coli present.	Percentage of samples with B. coli present.	No. of samples with B. coli absent.	Percentage of samples with B. coli absent.
366	n	3.01	355	96.99

Bacteriological Examination of Water Supply.

No. of Weekly Samples giving Positive Results.

(B. coli present in 100 c.c.).

	Wher	e Deriv	Before Chlorination.	After Chlorination.			
Maraval (River)		1	-DOTTON	alto Mar	paole	17	1
St. Clair (Wells)							5
Knaggs' Hill (Reserv	oir)	222	***	***		Manager -	5
St. Ann's (River)	***	4440	***	***	***	13	In the literature
Ariapita (Stream)	***	1000		***	***	2 20	
Cascade (River) Cocorite (Wells)	***	\$100.00			111	5	5
Diego Martin (Well		500,01		1000		6	Annual - contra
Total		MIE, G				63	21

^{*} Filtered after Chlorination.

Seasonal Rainfall, Infectious Diseases, and Deaths.

Rainfall, Notifications and Deaths.		Dry Season JanMay	Wet Season June-Dec.	Total	Monthly Average	Corresponding Average for 1939.	
Rainfall in inches Infectious Diseases :			4.09	39.05	43.14	3.60	3.80
Notifications	444		183	240	423	35.25	43.92
Deaths	***	***	69	139	208	17.33	21.58
Deaths under 1 year	***	***	106	185	291	24.25	20.17
Deaths at ages 1-5	***		29	30	59	4.92	4.67
Deaths at all ages	***	***	621	947	1,568	130.67	126.33

Sewage Disposal.

The fear of the spread of infectious diseases—Typhoid Fever and Dysentery particularly—by the agency of sewage is a real and ever-present one in the unsewered areas and the oiling of pits is part of the routine work of the Disinfection Unit.

Besides, oil (a mixture of crude and distillate in the proportion of 1:5) tends to diminish the emanation of offensive odours from cesspits—a nuisance which can be very annoying and is a frequent cause of complaint to the Department.

CESSPITS SPRAYED WITH CRUDE AND DISTILLATE OILS.
(Particularly for Infectious Diseases.)

	1000000					No	of Cesspils.
Free of charge	-	****		****	(200 and	1922	44,674
Paid for	****	****	****	****	****	****	541
			Total	****	****		45,215

[†] Filtered before chlorination.

Not filtered.

SANITARY INSPECTION OF THE DISTRICT.

Anti-Rat Measures.

DESTRUC	TION OF I	RATS AND !	MICE.		
Rats caught by Trappers					9,676
Rats bought				****	625
1	Total				10,301
Mice caught and destroyed					4,470
EXAMINATION OF RA	TS BY GOV	ERNMENT 1	BACTER	IOLOGIST	r.
Rats examined for Plague				****	10,274
Rats found infected with Pl	ague	1888	****	****	-
Immature Rats not examine	d	****			27
	SPECI	ES.			
And the State of the last	D	ecumanus.	-	tus.	Total.
Males	****	2,823		622	5,445
Females	****	2,407	2,	422	4,829
Total	- 001 (2.2)	5,230	5,	044	10,274

Anti-Mosquito Measures.

Inspection of Eaves Gutters, &c.

						Total Entire City.	Total St. James only.
Number of	Inspect	tions of P	remises	3	****	126,333	20,467
Number of Inspections of Eaves Gutters						35,591	461
Occasions	found in	good ore	ler			33,314	453
Occasions	found d	efective		****		2,277	8
Occasions	contain	ing water			****	502	1
Occasions	containi	ing water	and lar	vae		245	3
Occasions antifo	rmicas,	tin cans,	&c.	und in t 	ubs,	3,034 8,322	889 1,156
			Larv	al Index	τ.		
	Y	ear.		ty exclud St. Jam		St. James only.	Entire City.
1938				1.43		12.61*	2.58
1939 1940	****			1.84 1.23		0.85 2.70	1.70 1.45

Dairies and Milk Shops.

The figures hereunder tabulated show that milk, as a source of food supply, is attaining a greater and greater degree of popularity; more cowsheds licences (52 as against 33), more dairyman's licences (97 as against 70) and more milk vendors licences (223 as against 181) and badges (222 as against 209) having being issued in 1940 than in 1939.

The bulk of this milk is consumed in the raw state, unheated, in the various establishments

of the City.

Sub-District.	AND MIL	a Shors.	Cou	shed Licences Issued.	-	
City Proper (sewered)	****	****			3	
East Dry River (unsewered)	****	****	****	****	-	
Belmont (unsewered)				****	3	
Woodbrook (partly sewered)	****	****		****	12	
St. James (unsewered)			****	****	34	
Total				****	52	

^{*} St. James was included in the City, 1st June, 1938.

DAIRYMAN'S LICENCES.

Dairyman's Licences issued to o	owkeep	ers and	other purve	eyors	plm la
of milk	****	****	****	****	55
Dairyman's Licences issued to	milk	shops,	milk bars,	and	
refreshment parlours	****				42
Total			****		97

MILK VENDOR'S LICENCES AND BADGES.

City and O	ut-districts.	Mi	ilk Vendors' Licences.	Badges.	Cows Tuberculin Tested.
Port-of-Spain			99	72	212
Out-districts	Mallow V		124	150	633
Total	d'and budge)	223	222	845

Premises used for Human Habitation.

The position as regards housing may be summed up briefly as follows :-

An increasing scarcity of housing accommodation coupled with rising rentals is causing great hardship to all sections of the population.

Several factors are responsible for this state of affairs :-

- (a) The natural increase of population without a corresponding increase in the number of houses;
- (b) A large number of immigrants from the North American Continent—the result of the establishment of Bases in different parts of the Colony;
- (c) An influx of labourers, artisans and technicians from the country to the town;
- (d) The reconstruction of the large majority of barracks in the down-town portion of the City into busines places.

The high rentals charged are due partly to the increased cost of materials essential to reconstruction and the higher wages demanded by labour and partly to the increasing scarcity of houses.

In a situation which is admittedly difficult and, which continues to deteriorate, great credit is due to the Planning and Housing Commission which has succeeded, in spite of difficulties, in erecting a large number of houses—530 all told—for the working classes, at Morvant and at St. James. At the time of writing 90 are ready and are being occupied at St. James and 440 at Morvant. The rental charged is \$4.00 per house of two rooms, gallery and conveniences all under the same roof.

The problem will not, however, be solved by this provision which is far from being adequate and which is in the nature of alternative accommodation for tenants displaced from blocks in the City where clearance or improvement is imperative. It is gratifying to know that the magnitude of the problem is keenly appreciated and that an effort to deal with the situation will be made when the blocks now being emptied are redesigned and rebuilt, and when lands now being reclaimed from the sea on the eastern side of the City, south of lands of the Trinidad Government Railway, have been built upon.

In the meantime one cannot but feel distressed by the suffering that the poorer people are called upon to endure, a suffering which is now beginning to affect the white-collared worker and his family in a particularly acute way.

If ever a champion were needed to take up the cudgels on his behalf, this surely is the time.

A certain slowing up of the work of the Local Authority under this heading, in view of what has been detailed above, was therefore inevitable in the year under report seeing that demolition and reconstruction must, of necessity, proceed more and more slowly in proportion as alternative accommodation becomes more and more restricted; but the figures for 1940 shown in the table hereunder do not compare unfavourably with those for 1939.

Housing.

	10	Resulti f Nui	ing from Service sance Notices.	Voluntarily on Owners' part.	Total.
Barracks and other Premises reconstructed or recondition Barracks demolished and Sites le			187	176	363
vacant			9	6	15
Barracks vacated			12	3	15
Total	natural C		208	185	393
				-	-

Food.

Last year I referred to the efforts of the Public Health Department which were directed towards the improvement of the quality of the food supply; the work in this particular direction continued during the year under review with results which may, fairly, be left to the judgment of the understanding public.

An added problem, the direct result of the war that is now being waged, relates to the quantity

of available foodstuffs, local and imported, and to the high prices which are the order of the day.

First class proteins like butter, cheese, eggs, ham, bacon, &c., which are indispensable to the economy have in some cases more than doubled in price and the man in the street has, on occasions, found difficulty in getting a sufficient supply.

Essential green vegetables, like water cress, lettuce, cabbage and fruit are very scarce and quite

often conspicuous by their absence in the markets.

If I make reference to these difficulties it is only to say, in the same breath, that they are infinitesimal compared with the sacrifices in this particular respect that the inhabitants of the belligerent countries are having to undergo and that they are being tackled by the responsible authorities in a very satisfactory way.

In fact it is true to say that, at the time I write, the situation has improved considerably and that it is only a question of time before it will have returned to normal.

Sale of Foodstuffs Bye-Laws.

	REGISTRA	TION	OF SHOPS, &	C.				
many asigma of sturion which	din salar						No.	
Provision, Meat and S		ent P	arloure				513	
Restaurants, Hot Ground Provision and		lent r		it old!	all and a	1	37	
Bakehouses			The second second		The last	The Mills	42	
Confectionery Shops	Alama de				****	****	4	
Aerated Water Facto	ries	****	****	A FILE	here year at	-	5	
Other Factories	di meni				ment to i	one of	2	
the down-town parties of the						WHO THE	603	
	Laurence .		three ship			lataon d	11 01	
	REGISTE	ATION	of Vendors	3.				
Bread and Cakes	Dallan Sile			. In feed		Vianitan	90	
Confectionery				of the last	11.1500 10		64	
Cooked Food including	ng Fries, Sous	e, &c				-	49	
Meat, Fish and Chees		****				****	86	
Ice Cream and Palets		****				****	77	
Sweet Drinks	4 P					****	46	
Vegetables, Greens as Miscellaneous	nd Fruit	****	100000000000000000000000000000000000000	COUNTY	****	SHARA	263	
Miscellaneous		****	****			****	54	
To	tal		Hamilton you				729	
No. of Badges issued	to itinerant v	endor	's			****	595	
No. of Oyster Vendor	s licensed und	ler Sa	le of Oysters I	Bye-la	ws	1000	4	
	Pondetniii	e Cair	ed and Design					
Apples	Foodstell	501	ed and Destroy Herrings—Sm			box		M.
AND THE REAL PROPERTY AND ADDRESS OF THE PARTY	The state of the s		The second				-	11
Bread, Cakes	loaves	449	Mixed Vegetal	bles, I	Petit Pois	tins	***	10
Cereals	packages	23	Plantains		· ····		1	136
Cocoa Powder	tins	15	Potatoes			poun	ds	30
Condensed Milk	tins	273	Prunes			pou	nds	28
Cones (for Ice Cream)		44	Salmon, Sardi	ines, S	hrimps	tins		109
Corned Beef, Pork and Beans	tins	34	Shrimps			pour	ds	13
Corn Meal, Flour, Rice	pounds	416	Water Melon		Logo back	piece	s	11
Garlic	pounds	108		****				
	Foodstuffs Su	rrende	red and Destro	ned.				
Condensed Milk	tins	200	Fish	yeu.		posss	ade.	22
	100000000000000000000000000000000000000					pom		

VITAL STATISTICS OF THE DISTRICT.

Comparative Summary of Vital Statistics.

(Unless otherwise stated rates are per 1,000 population.)

1921 and 1940.

			1921	1940	Percentage of Increase or Decrease.
Area of City in Acres (p spaces included)		open	1,793	2,540	+41.66
Estimated Mean Popula	tion	****	61,386	92,302	+50.36
Density of Population (persons per	acre)	34.2	36.3	+ 6.14
Birth Rate	100	****	27.28	31.82	+16.64
Death Rate	100	****	26.83	16.99	-36.68
*Infant Mortality Rate	****		170.12	99.08	-41.76
Infectious Diseases Dea	th Rate	****	4.01	2.25	-43.89

1930-40.

			-	1930-40.				
					Average	1930-39	1939	1940
	Total Live Births		****		****	2,222.4	2,752	2,937
	Birth Rate					29.65	30.45	31.82
	Still Births registered					167.9	190	214
	*Still Birth Rate		****	****		74.9	69.0	72.8
804	Marriages registered	****	-	****		712.0	988	987
	Marriage Rate	****	(1000	****		9.35	10.93	10.69
	Total Deaths			****	****	1,241.6	1,516	1,568
	Death Rate			****		16.43	16.77	16.99
	Natural Increase of Popular	tion	- Con-	****		1,007.8	1,236	1,369
	Deaths under one year			****		218.2	242	291
	*Infant Mortality Rate		****			98.33	87.94	99.08
	*Maternal Mortality Rate	****	****		****	6.84	5.09	4.09
Dea	ath Rates: Notifiable Infectious Diseas	ses	HALL	shipib-du	B of callen	3.08	2.87	2.25
	Pulmonary Tuberculosis		10000.00	22 32		1.73	1.85	1.28
	Tuberculosis (other forms)			****	****	.15		
	Enteric Fever					.10	.17	.15
		****	3 (Second)	THO MAN	****	.16	.17	.15
			****	1910/44	****			100
	Pneumonia (all forms) Bronchitis					.16	.17	.12
	Pneumonia (all forms) Bronchitis				****	.16 .98	.17 .65	.12
	Pneumonia (all forms) Bronchitis					.16 .98 .66	.17 .65 .59	.12 .68 .48
	Pneumonia (all forms) Bronchitis Diphtheria					.16 .98 .66 .03	.17 .65 .59	.12 .68 .48 .02
	Pneumonia (all forms) Bronchitis Diphtheria Malaria					.16 .98 .66 .03	.17 .65 .59 .02 .21	.12 .68 .48 .02 .20
	Pneumonia (all forms) Bronchitis Diphtheria Malaria Syphilis					.16 .98 .66 .03 .36	.17 .65 .59 .02 .21 .29	.12 .68 .48 .02 .20
	Pneumonia (all forms) Bronchitis Diphtheria Malaria Syphilis Diarrhoea and Enteritis					.16 .98 .66 .03 .36 .31	.17 .65 .59 .02 .21 .29	.12 .68 .48 .02 .20 .38
	Pneumonia (all forms) Bronchitis Diphtheria Malaria Syphilis Diarrhoea and Enteritis Influenza					.16 .98 .66 .03 .36 .31 .61	.17 .65 .59 .02 .21 .29 .50	.12 .68 .48 .02 .20 .38 .79
	Pneumonia (all forms) Bronchitis Diphtheria Malaria Syphilis Diarrhoea and Enteritis Influenza Ankylostomiasis					.16 .98 .66 .03 .36 .31 .61 .06	.17 .65 .59 .02 .21 .29 .50	.12 .68 .48 .02 .20 .38 .79 .01
	Pneumonia (all forms) Bronchitis Diphtheria Malaria Syphilis Diarrhoea and Enteritis Influenza Ankylostomiasis Bright's Disease and Nephr Diseases of the Heart and I		Vessels			.16 .98 .66 .03 .36 .31 .61 .06 .03 .90 2.33	.17 .65 .59 .02 .21 .29 .50 .03 .02 .67	.12 .68 .48 .02 .20 .38 .79 .01 .03 .90 2.28
	Pneumonia (all forms) Bronchitis Diphtheria Malaria Syphilis Diarrhoea and Enteritis Influenza Ankylostomiasis Bright's Disease and Nephr	 ritis Blood	Vessels m includ			.16 .98 .66 .03 .36 .31 .61 .06	.17 .65 .59 .02 .21 .29 .50 .03	.12 .68 .48 .02 .20 .38 .79 .01

^{*} Per 1,000 Births.

Births and Birth Rates.

Deaths and Death Rates.

These figures tell the same old story that is apparent in a variety of ways, i.e., that the East Dry River and the Belmont sub-districts are the most unhealthy in the Urban Sanitary District furnishing a higher death rate per 1,000 population than any other sub-district, not excluding the recently included area of St. James (if deaths occurring in the House of Refuge are specifically excluded).

				Di	T ferm.				
- KL10-1-	Mon	iths.	- 01	NJ-	Males. Females		Both Sexes.	Birth Rate per 1,000 population	
January-March		0.00			409	421	830	36.16	
April-June		90.01	25	m+	400	334	734	31.98	
July-September		80.00		984	346	315	661	28.49	
October -December		***			362	350	712	30.69	
Total					1,517	1,420	2,937	31.82	

Deaths.

28,01 23,68	Mon	ths.			Males.	Females.	Both Sexes.	Death Rate per 1,000 population.
827 (89)		949				The state of the s	11070 000	ST-WHEE
January-March		0.000		***	212	157	369	16.08
April-June		20.0			199	180	379	16.51
July-September	***	20.05	***		215	212	427	18.40
October-December		82.01			199	194	393	16.94
Total		100,750			825	743	1,568	16.99

Deaths in Sub-districts of the City.

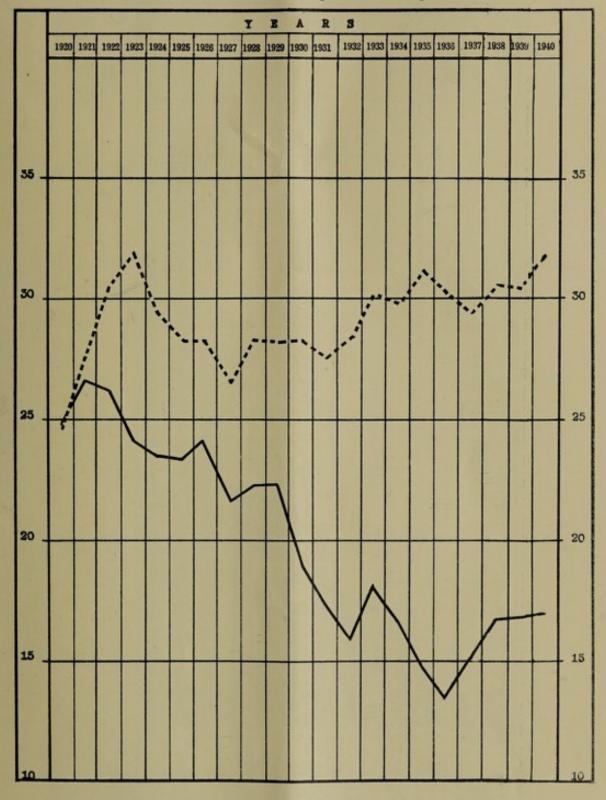
17.17	12.1	1	BUR	AND DESCRIPTION OF THE PERSON	DEA	THS.	maitt amil	Solul side	FOR
	Sub-District.	88.1			PLACE OF C	Total	Rate per		
-		ub-District. Population.	Home, &c.	Colonial Hospital.	Royal Gaol.	House of Refuge.	Deaths in Sub- district.	population.	
City	Proper		33,253	213	249	2	(entro)	464	13.95
	Clair		1,537	6	5	***	****	TI	7.16
East	t Dry River		19,755	152	144	***		296	15.04
Belr	nont		15,583	147	97	***	***	244	15.66
Woo	odbrook	***	** ***	90	41	***	***	131	11.37
St.	James		10,650	91	47	***	284	422	39.62
1	Total		92,302	699	583	2	284	1,568	16.99

Comparison of Death Rates.

1001	65.1 65.	977	111		110	neit Dies	and the	No. of Deaths.	Death Rate per 1,000 population.
(2)	City (St. James e City, including S	t. James						1,146	14.04
(3)	City, as in (2), b St. James (House	ut omitting He	ouse of l	Refuge				1,284	14.20

Chart A
Port-of-Spain

BIRTH-RATES and DEATH-RATES per, 1.000 Population, 1920-1940.

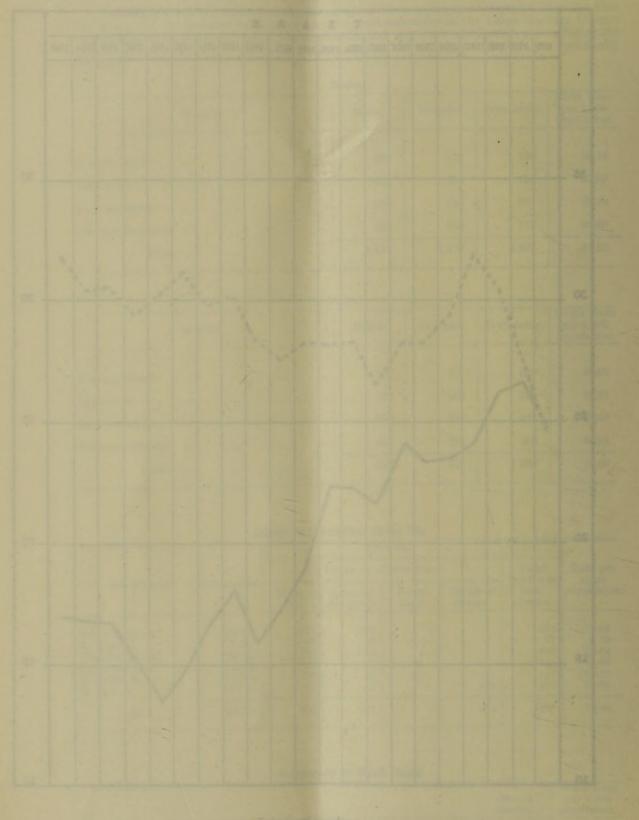


---- BIRTH RATES

DEATH RATES

A holy

STRIFT BATES and DERARRANGE PART I COO PRESENTED FOR 1990 COOL

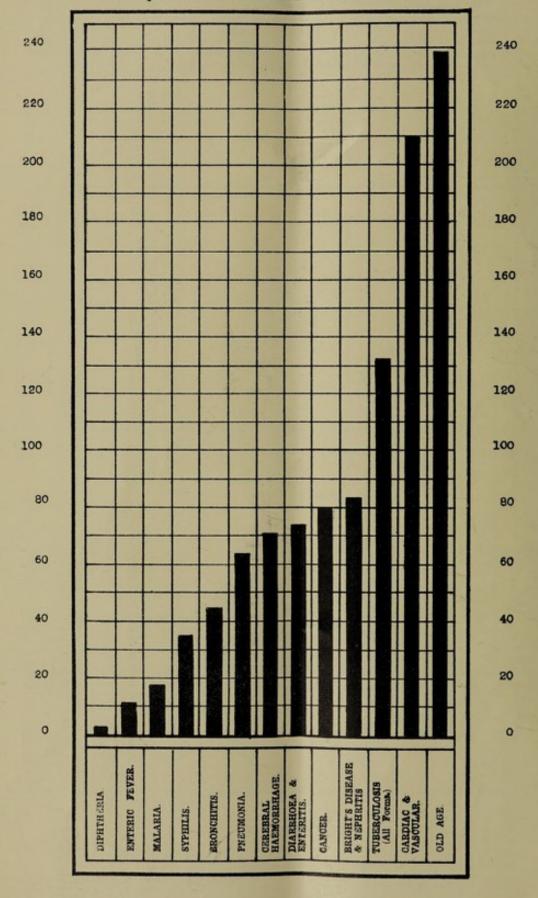


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Chief H. Bind Deposit Spring

										•	
	Street Street Street										
	100										
				24							
			3								
	The second										

Chart B
Port-of-Spain
Principal Individual CAUSES OF DEATHS-1940.



Can	202	OF	Deat	his
Parent.	ene.	MA	To Cont	LAM.

	Causes	of Deaths.	
I.—GENERAL DISEASES.		(c) Diseases of the Circulatory System	H.
(a) Notifiable Infectious Diseases.		Cardiac and Vascular Diseases	210(7)
Enteric Fever	11	and the same of th	
Diphtheria	. 2		
Membranous Croup		(d) Diseases of the Respiratory Syste.	m.
Pulmonary Tuberculosis	. 118	Bronchitis	44
Tuberculosis (other forms)	. 14	Other diseases of the Respirat	tory
Pneumonia and Broncho-		System	23
Pneumonia	. 63		
Chicken Pox			67(5)
Ophthalmia Neonatorum			0.1-02.8501
Plague			
Cholera		(e) Diseases of the Digestive System.	
Small Pox		Diarrhoea and Enteritis	
Typhus Fever			9 0801
Yellow Fever		Other diseases of the Digest	
Encephalitis Lethargica		System	55
Acute Poliomyelitis			
Acute Ascending Myelitis			137(1)
Cerebro-Spinal Fever			-
	000	O No Post I Division Colo	
	208	(f) Non-Venereal Diseases of the	
	77.77	Genito-Urinary System.	
ON Now Workship to Continue Discourse		Bright's Disease	
(b) Non-Notifiable Infectious Diseases.		Nephritis	83
Malaria		Other Non-Venereal Diseases	69
Whooping Cough			150/00
Influenza	0		152(8)
Dysentery	2/11	(a) Disease of the December of Cont.	and thought
Ankylostomiasis Syphilis	OFFICE	(g) Diseases of the Puerperal State. Puerperal Sepsis	9
COLUMN TO THE PARTY OF THE PART		Puerperal Eclampsia	The second secon
Black Water Fever		Puerperal Haemorrhage	2
Diack Water Pever	-	Other Puerperal Diseases	3
	67(19)	Other racipetas Discusso	Caraimized Jan V.
			12
			100
II.—OTHER DISEASES.		(h) Diseases of Early Infancy	156(4)
(a) General Diseases not included above.		A Commission of	ull place to the
Cancer and other Malignant Diseases			
Pellagra	and the same of th	(i) Old Age	238(173)
Leprosy		The state of the s	THE PART OF THE
Other General Diseases	. 36(2)		
	and the later of t	(j) Affections produced by External	Causes
	115(5)	Burns and Scalds	1
	To note	Accidents and Injuries	26
Internal Control of the London Control of the London	Service and	an element birdsen	
(b) Diseases of the Nervous System an	d		27
Organs of Special Sense.	- 6	III Ou Chan Chan	4.150
	. 8	(k) Other Causes of Death	41(39)
Cerebral Haemorrhage	100		THE PERSON NAMED IN
Apoplexy		Count Total	1 200,000
Convulsions of Children under 5 year		Grand Total	1,568(284)
Other diseases of the Nervous System	m 52		-
	138(23)	Links I Links I	
	100(20)		

N.B.—Numbers in brackets represent deaths from House of Refuge.

				Age D	istribution	or Deaths.		
Marie .		Period.	1		Males.	Females.	Both Sexes.	Percentage of Total Mortality at All Ages.
Under 1 year					173	118	291	18.56
1- 5 years					37	22	59	3.76
6-10 do.			***		5	13	18	1.15
11-20 do.		1.103			29	35	64	4.08
21-30 do.				444	48	52	100	6.37
31-40 do.				12.	75	52	127	8.10
41-50 do.	***				96	67	163	10.40
51-60 do.			****	- 111	97	85	182	11.61
Over 60 year			***		265	299	564	35.97
	Tota	d		2.5	825	743	1,568	The second

Comparison of Deaths at different Age Periods for 13 years, 1928-40.

	Total	DEATHS UNDER 1 YEAR,			DEATHS 5 YEARS.		DEATHS 60 YEARS.	DEATHS OVER 60 YEARS.	
Period.	Deaths at All Ages.	No.	Percentage of Total Deaths,	No.	Percentage of Total Deaths.	No.	Percentage of Total Deaths.	No.	Percentage of Total Deaths.
Yearly Averages: 1928-32 1933-37	1,327 1,167	230 215	17.42 18.24	81 62	6.06 5.29	94 87	7.09 7.57	336 289	25.10 24.74
1938 1939 1940	1,410 1,516 1,568	204 242 291	14.46 15.96 18.56	69 56 59	4.89 3.69 3.76	107 108 101	7.58 7.13 6.44	484 539 564	34.33 35.55 35.97

Still Births.

	Year.	Total Still Births.	Rate per 1,000 Live Births.
1940 1939		 214 190	72.86 69.04

INFANT MORTALITY.

Though the infant mortality rate has been below 100 for the past three years, the rate has been showing a slight upward trend from the record low figure of 64.92 in 1936, the lowest that it has ever been since 1917, when the Local Authority first came into being.

One had hoped that the efforts of the various bodies concerned with Maternity and Child Welfare having culminated in the low figure of 64.92 in 1936, the figure would have been maintained at that low level but such has not been the case.

Of still greater significance, as indicating the importance of the efficient treatment of parental disease as well as of timely, skilled and judicious midwifery, is the fact that the neo-natal mortality is looming more and more largely into the picture constituting as it does almost fifty (50%) per cent. of the total infant mortality.

In the five-year period 1930-34 the neo-natal mortality was about forty (40%) per cent., roughly, of the total infant mortality whereas in the five-year period 1935-39 it constituted about fifty (50%) per cent.

fifty (50%) per cent.

It is clear that the progress which has been made in reducing the excessive infant mortality which obtained at the beginning of the past decade has been mainly in the case of infants which have survived the critical first month of extra-uterine life.

A concentration of effort to secure the eradication of those diseases of parents which have a direct bearing on the infant in the mother's womb, and the provision of efficient and sufficient ante-natal, intra-natal and post-natal care, both of mother and child, in suitable and congenial surroundings, and also to secure adequate nutrition of mother, father and child, has become a matter of urgent necessity.

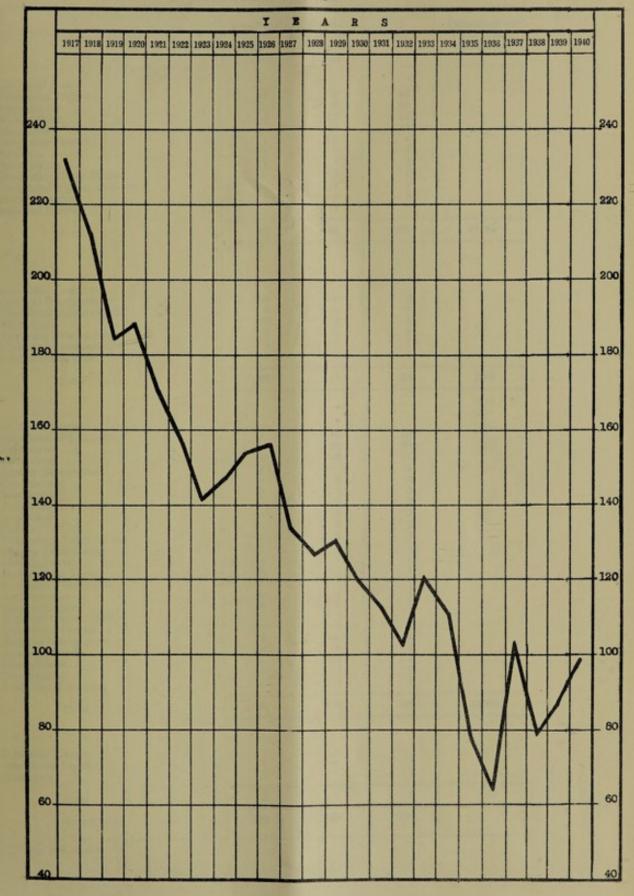
Infant Mortality.

Births and Deaths of Infants under 1 year, 1917-40.

	Perio	od.			No. of Births.	No. of Deaths under 1 year.	Infant Mortality Rate.
Year 1917	***			***	1,770	412	232.77
Yearly Averages :							
1918-22	***		***	2.00	1,700	310	182.94
1923-27	***	***		***	1,862	274	146.96
1928-32	***			***	1,925	230	119.13
Average 1918-32				200	1,832	271	149.68
					avi I		Transfer and other
Year 1933					2,167	264	121.83
1934	1137	***		***	2,185	243	111.21
1935		***		***	2,319	181	78.05
1936			***	***	2,295	149	64.92
1937					2,273	237	104.26
Average 1933-37	200	1	70000		2,248	215	96.05
						HART TO ALL	STEEL ON THAT
Year 1938	100 C			***	2,591	204	78.73
1939		***	***	***	2,752	242	87.94
1940	***	***		***	2,937	291	99.08

Chart C Port-of-Spain

INFANT MORTALITY RATES per 1,000 Live Births, 1917-1940.



Causes of Deaths under 1 year.

Causes of I	Death	s.	Zadan Zadan		Neo-Natal: Deaths under 1 month.	Deaths 1 month and under 1 year.	Total	Percentage of Total Infant Mortality.
Inte-Natal Causes :								
Congenital Debility					43	9	52	
Prematurity				***	40	9 5	45	
Malnutrition			2	***	2	12	14	
Marasmus						13	13	
Congenital Syphilis					1	3	4	
Anaemia					1	2	3	
Spina Bifida					1	1	2	
Congenital Heart Dises		343		***	-30	1	1	
Congenital Pyloric Ster	nosis	110			-	1	1	
Blood Dyscrasia	***	11.5		***	1	-	1	
Inguinal Hernia	***			****	The state of the s		er I sold out	
Total					89	48	137	47.08
ntra-Natal Causes:				enus	Design under	villared tes	Mark	
Cerebral Haemorrhage					9	-	9	
Neo-Natal Haemorrha					4	10% -	4	
Atelectasis				-	3	1	4	
Asphyxia Neonatorum					4	+	4	
Umbilical Haemorrhag					1	-	1	
Protracted Labour	***				1	-	1	
				1				
Total	***		**		22	1	23	7.90
								COST NO.
					16.1			
ost-Natal Causes :					1077			
Diarrhoea and Enterit	is	120			7	46	53	
Pneumonia		18/3	10.		4	22	26	
Bronchitis					1	16	17	
Icterus Neonatorum	***				4	-	4	
Convulsions	***			***	-	3	3	
Meningitis				***	1	2 2	3	
Pulmonary Congestion		- 1		***	- 41	2	2	
Dysentery	***				-	2	2 2 3	
Colitis	2200			***	Part of the last	2	2	
Pulmonary Tuberculos	is			***	100-012	3	3	
Miliary Tuberculosis	***	-		***	O DESTRUCTION OF THE PARTY OF T	lo links in	Contract of the last	
Enteric Fever		GO -		11/11/1	10 10 TO 10 15	NAME OF TAXABLE PARTY.	Buy of Salar	
Intermittent Fever	*****	W III	15	***	TO THE OWNER.	DOLL PROPERTY.	Charles Commit	
Pulmonary Infarction	***	-			1 1 1 1 1 1 1 1 1	1	Part of the	
Avitaminosis	***			111	73-8-36:0186G	O PROPERTY OF	1	
Scurvy-Rickets	no.			***		1	1	
Sepsis of Umbilical Co			**	***		1	î	
Toxaemia, Thrush	***				1	1000	1	
Tetanus Neonatorum Abscess of Neck			**	***		1	1	
Encephalitis	***		**	***	-	1	1	
Myocarditis	***				1 3 0000	1	- Table 1	
Suspected Poisoning						1	1	
Process Committee	Party I	1 15	988	1000				
Total					18	110	128	43.99
								The same of
III Defend Comment							TO SHE SHOW	
ll-Defined Causes:				132	1	The same of	1	
	***		**	***	2	100	2	
Neo-Natal Death					4	2000		
	***		**	***				
Neo-Natal Death					3	-	3	1.03
Neo-Natal Death Unknown					3 132	159	3	1.03

^{*} M. 173, F. 118.

Duration of Life of Infants dying under one year of Age.

Duration of Life,	27	No. of infants.	Percentage of total deaths under 1 year.	Corresponding percentage, 1939.
I day and under 1st week		12 82 38	4.12 28.18 13.06	5.78 29.75 14.88
Total under one month		132	45.36	50.41
		52 38	17.87 13.06	15.70 6.20
" 5 to 7 do		24 31	8.25 10.65	11.98 8.68
., 9 to 11 do		14	4.81	7.03
6 11 months and under 1 year				
Total		291	- 111	TOTAL -

Neo-Natal Mortality (Deaths under 1 month), 1930-40.

Period.	No. of Deaths, under I month.	Percentage of Total Deaths under 1 year.	Neo-Natal Mortality Rate per 1,000 Births.
Yearly Average: 1930-34	 90.6	38.60	44.03
Year 1935 1936 1937 1938 1939	 91 61 110 117 122	50.28 40.94 46.41 57.35 50.41	39.24 26.58 48.39 45.16 44.33
Average 1935-39	 100.2	49.08	40.74
Year 1940	 132	45.36	44.94

The Pre-school Child.

An analysis of the causes of death of those children between one and five years of age that died during the year under report show that, out of a total of fifty-nine (59) deaths, seventeen (17) were attributable to communicable diseases and five (5) to diseases which must have affected the infant during the ante-natal period.

Causes of Death at Ages 1-5.

Percentage of Total Mortality Group Total. at Ages 1-5. Diseases, &c., attributable to Ante-Natal Causes: Congenital Folds of Urethra 1, Congenital Syphilis 1, Malnutrition 1, Marasmus 2 8.47 Diphtheria 2, Enteric Fever 2, Malaria 2, Pneumonia 8, Tuberculosis 3 28.81 Diseases of the Nervous System: Cerebral Congestion 1, Cerebral Diplegia 1, Convulsions 4, Meningitis 1 11.86 Diseases of the Respiratory System:
Bronchitis 5, Lung Abscess 1, Pulmonary Congestion 4 10 16.95 Diseases of the Digestive System: Ascariasis I, Cirrhosis of Liver I, Colitis I, Diarrhoea and Enteritis 8, Thrush 1 12 20.34 Endocarditis 1, Fractured Skull 1, Hyperpiesia 1, Nephritis 1, Osteomyelitis 1, Sarcoma of Urachus 1, Scalds 1, Toxaemia 1 ... 8 13.56 Total *59

^{*} M. 38, F. 21.

Chart D
Port-of-Spain
Percentage of ANTE-NATAL GROUP to TOTAL DEATHS of
Infants under 1 year 1930 1940

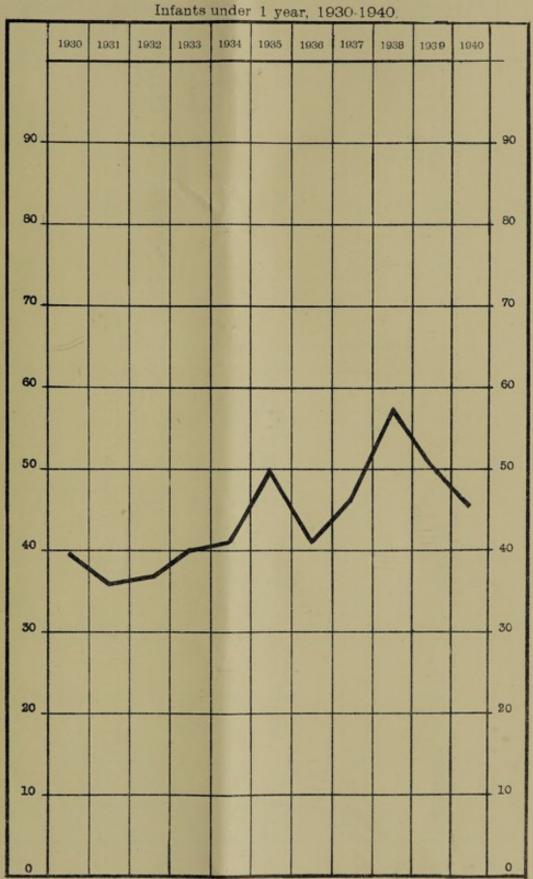
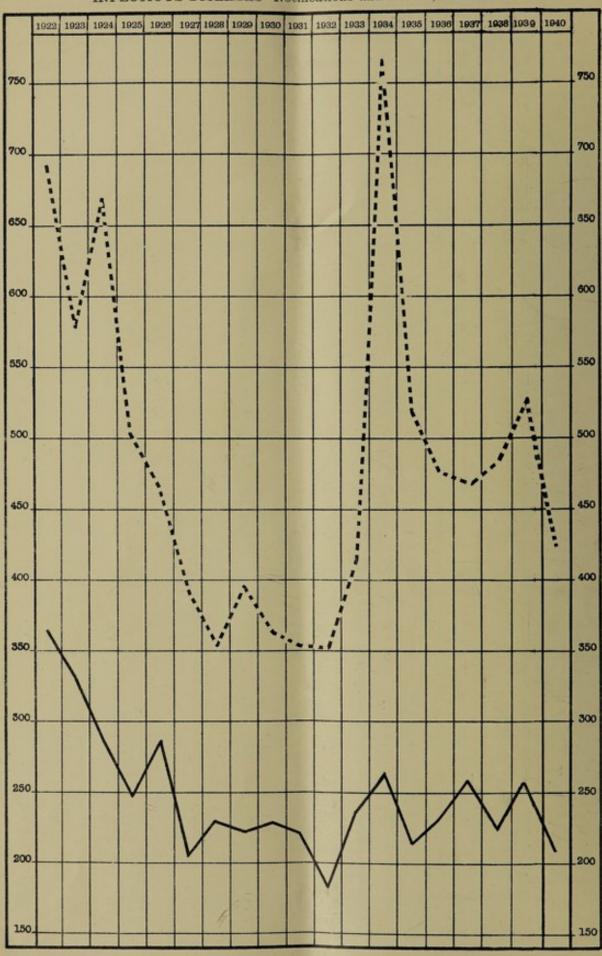


Chart E Port-of-Spain

INFECTIOUS DISEASES-Notifications and Deaths, 1922-1940.



---- NOTIFICATIONS.

____ DEATHS

MATERNAL MORTALITY.

The figures tabulated hereunder are an improvement on those that represent the average for the previous decade.

Puerperal sepsis was responsible for the death of three (3) mothers, and Haemorrhage claimed (some) victims also.

Causes of Maternal Deaths.

Causes of Maternal	15 and under	20 and under		30 and under 35	under under u	40 and upwards	Total -	Rate per 1,000 Births.	
Deaths.		25.				upwards	Ages.	1940.	Average 1935-39
Puerperal Sepsis	-	2	-	1	-	-	3	1.02	0.74
Eclampsia Haemorrhage	-1	T	-	2	1	1	2 3	0.68	1.57 0.55
Pernicious Vomiting Other Causes *	-	-3	-	1	I	-	4	1.36	0.25 2.69
Total	1	5	1	4	1	-	12	4.09	5.81

^{*} Other Causes include: Ectopic Gestation, Parametritis following Parturition, Difficult Labour, Perforated Uterus.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

Notifiable Infectious Diseases.

Four hundred and twenty-three cases (423) of notifiable infectious diseases were reported to the Public Health Department during 1940, of which one hundred and fifty-five (155) were cases of Pulmonary Tuberculosis, seventy (70) of Enteric Fever, sixty-nine (69) of Pneumonia and fifty-eight (58) of Chicken Pox.

These were 104 less than the number notified last year.

Deaths numbered 208 as compared with 259 for the year 1939, 118 deaths were certified to

Pulmonary Tuberculosis, 63 to Pneumonia and 11 to Enteric Fever.

Sixty-nine (69) notifications of Pneumonia were received at the Department; on the other hand the returns from the Registrars of the various sub-districts of the City showed that 63 deaths were certified to Pneumonia, giving a mortality rate of nearly 100 per cent. This is obviously an incorrect figure as the death rate of the usual type of cases which are prevalent in the City is about 30 to 40 per cent. even 50 per cent. There having been no unusual frequency of the more fatal type of pneumonia during the year under review and the disease certainly not having occurred in epidemic form, the explanation must surely be that only a certain proportion of cases of pneumonia are being notified, a state of affairs which cannot be considered satisfactory if the control measures of isolation and current disinfection are to be instituted at the earliest possible opportunity.

These conclusions are equally applicable, though to a lesser degree, to all the notifiable infectious diseases and practitioners are entreated to co-operate still more closely with the Department by notifying, at the earliest possible opportunity, all cases of infectious diseases that have been declared

notifiable.

Infectious Diseases Notifications and Deaths 1930 to 1940.

Infamph of helium coul		Notific	ATIONS.	Strategys	DEATHS.			
Infectious Diseases.	Average 1930-34.	Average 1935-39.	1939.	1940.	Average 1930-34.		1939.	1940.
Diphtheria	34	29.2	61	37	1.6	3	2	2
Enteric Fever	100	57.8	75	70	13.2	12.6	15	11
Pulmonary Tuberculosis		146.2	175	155	128.2	133	167	118
Tuberculosis (Other forms)	10.1	9.2	13	9	12.4	11	15	14
Pneumonia	1100	138.2	107	69	70	77.4	59	63
Ophthalmia Neonatorum	00.0	25.4	23	25	-	0.2	1	-
hicken Pox	00.0	84.6	72	58	-	-	1	-
Encephalitis Lethargica	0.2	0.2	-10	-	0.4	-	-	-
Acute Poliomyelitis	10	3.2	1	-	- 0.6	0.2	-	1000
Total	449	494	527	423	226.4	237.4	259	208
Rate per 1,000 population	6.29	6.17	5.83	4.58	3.18	2.96	2.87	2.25

Distribution of Cases and Deaths from Notifiable Infectious Diseases.

		City F	Proper.	St. C	lair	East Riv		Belm	ont	Wood	brook	St. J	ames
Diseases.		Cases noti- fied.	Deaths	Cases noti- fied.	Deaths	Cases noti- fied.	Deaths	Cases noti- fied.	Deaths	Cases noti- fied.	Deaths	Cases noti- fied.	Death
Diphtheria		6		1	15	8		14	(1)	8	2		
Enteric Fever Pulmonary		16	3			16	4	12	1	7	1	19	2
Tuberculosis		55	39	1		36	29	38	28	10	11	15	11
Tuberculosis (Other forms)		2	4	***		2	,3	1	3		1	4	3
Pneumonia (All forms) Ophthalmia		20	20		1	28	21	16	11	2	5	3	5
Neonatorum		5	19.	***		9		8		3			
Chicken Pox		24		2		12	·	9		8		3	
		dinne	alm		ALIES OF	100	miliated	Stolan		hadada	1	121100	
Total		128	66	4	1	111	57	98	43	38	20	44	21
Rate per 1,000 population in						-	1	1				-	
each sub-distric	ct	3.85	1.98	2.60	0.65	5.62	2.89	6.29	2.76	3.30	1.74	4.13	1.97

Notifiable Infectious Diseases-Home and Hospital Deaths

Diseases.			Died at Home.	Died at Hospital.	Total Deaths.	Percentage of cases isolated in Hospital before death.	Corresponding percentage for the year 1939
iphtheria	HILL	1989		2	livia mi	100.00	100,00
nteric Fever	***	1	1	10	11	90.91	93-33
ulmonary Tuberculosis		1 00	48-	70	118	59.32	64.07
uberculosis (other forms)		100	5	9	14	64.29	80.00
neumonia	****		35	28	63	44-44	54.24
phthalmia Neonatorum				off 11 best	Harried of	on collision	100,00
Total			89	119	208	57.21	64.86

NON-NOTIFIABLE INFECTIOUS DISEASES.

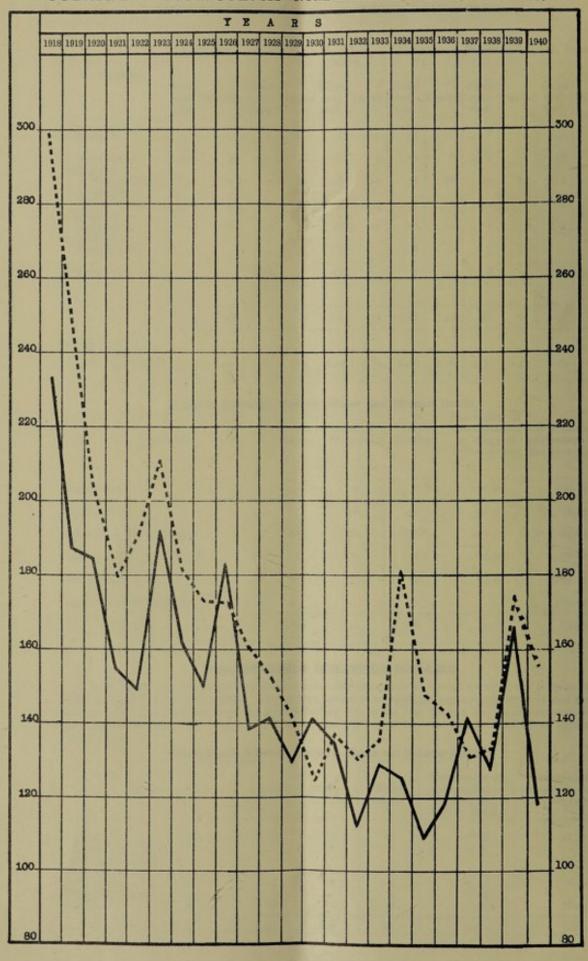
Sixty-seven deaths certified to the non-notifiable infectious diseases figured in the returns during 1940 as against fifty-two in 1939. Thirty-five were due to syphilis, eighteen to malaria and nine to dysentery. The increase over the corresponding figure for last year is due to an increase in the number of deaths from syphilis (35 as against 26) and also in those certified to dysentery (9 as against 2).

Non-Notifiable Infectious Diseases-Home and Hospital Deaths.

Diseases		100	Died at Home &c.	Died at Hospital.	Total Deaths.	Percentage of cases isolated in Hospital before death.	Corresponding percentage for the year 1939.	
Malaria		.11	11	7	18	38.89	42,11	
Black Water Fever				1	1	100.00	The state of the s	
Whooping Cough		2.2					1 1 1 1 1 1 1 1 1	
Influenza			I	1	1		Secular cruitorities	
Dysentery			5	4	9	44-44	100,00	
Ankylostomiasis			1	2	3	66.67		
Syphilis			23	12	35	34.29	37.14	
Total	20.0	11.1	41	26	67	38.80	32.60	

Chart F Port-of-Spain

PULMONARY TUBERCULOSIS Notifications and Deaths, 1918-1940.



DEATHS.

TUBERCULOSIS.

Pulmonary Tuberculosis continues to take a heavy toll of life, being third in the list of causes of death with one hundred and eighteen deaths to its credit. As compared with 1939, when one hundred and seventy-five notifications were received and one hundred and sixty-seven deaths recorded, the situation (155 notifications and 118 deaths) has shown some improvement but this is far too high a price to pay for a disease which, quite definitely, has not so far, in this Colony, been tackled with the vigour and energy that it demands, nor with the weapons and facilities that are available to workers in countries abroad.

The sufferer from Tuberculosis is in a pitiable plight, as under conditions now obtaining, all that can be done for him is in the nature of pulliatives and his demise in two years from the date

of the diagnosis of his complaint is a foregone conclusion,

The war has quite definitely had an adverse effect on the preparations which were practically

complete for the erection of a sanatorium on a site which has already been chosen.

Up to the time of writing work has not yet commenced and, with the existing difficulties in the obtaining of steel and iron, it looks as if all plans in this respect will have to be postponed until the cessation of hostilities.

In the meantime the routine measures of notification and isolation of cases, detection and

examination of contacts, disinfection of premises, &c., continue.

Two factors which are likely to have an ameliorative effect are: (a) the progressive elimination of the barrack system and the gradual replacement of insanitary and congested housing accommodation in the worst parts of the City by a better type of house with the necessary open spaces prescribed by the Building Regulations and (b) the general raising of the economic level which has been taking place gradually during the past few years.

Pulmonary Tuberculosis - Age Grouping of Notifications and Deaths.

	rumonar,		1	rige Grouping or		The second secon
	Ages.			Notifications.	Deaths.	Percentage of Deaths from Pulmonary Tuberculosis to Deaths from all causes,
Under 1 year				. 2	3	1.03
1-10 years	***	***		1	-	
11-20 do.		***		22	20	31.25
21-30 do.	***	22.000	111	56	30	30.00
31-40 do.	***	111		26	23	18.11
41-50 do.		***	***	19 21	11	6.75 9.34
51-60 do. Over 60 years		***		8	14	2.48
	Total	200		155	118	7.53

Pulmonary Tuberculosis-Notifications and Deaths, 1918-40.

Per	riod.			Notifications.	Deaths.	Death Rate per 1,000 pop
Cear 1918				299	233	3.43
early Averages :				sport of boards	di man to be	parall of excepts, if the for
1919-23	1000	1 2000 -0	200	207	173.2	2.65
1924-28	***	***		167.6	154.6	2.38
1929-33			100	133.6	129	1.85
Average 1919-33	7444		India-	169.4	152.3	2.29
				to appeal plants.	lettitus 10 au	Pero & Yell Small Annihilla
			Carried .	Assessed the second	107	The state of the s
Year 1934	***	***	222	181	125	1.71
1935	***	***	***	148	109	1.47
1936	10 Va.			143	119	1.57 1.84
1937	1000	1 452111	***	131	142	1.52
1938		100000		134	128	1.32
Average 1934-38	***	Dipers		*147.4	124.6	1.62
			300	TO TO THE PARTY OF		are construction of the
Year 1939	PER SECTION	Harris II	1	175	167	1.85
1940		03.00		155	118	1.28

Mon-Pulmonary Tuberculosis.

Of the deaths under this heading eight (8) were attributable to Miliary Tuberculosis, 3 of which latter were discovered only on the post mortem table; Tuberculous Meningitis claimed two victims.

Non-Pulmonary Tuberculosis - Forms, Notifications and Deaths.

Ag	es.	Forms.		14 100	Notifications.	Deaths.
Under 1 year	1 (44)	Miliary Tuberculosis	1 1 1 1 1 1 1	4 114	cincinna post most	1
1- 5 years		do. do			2	2
Do. do.		Tuberculous Meningitis		100	The same	1
11-15 do.		Tuberculous Adenitis	12 71	14 MAL.	THE STREET	(1) This (b)
16-20 do.		Tuberculous Meningitis	110 8 40	111111111111111111111111111111111111111	ARES BUTO ROTTON	1010101
Do. do.		Tuberculosis of Hip	· 1 10	1	THE RESIDENCE	1741
Do. do.		Miliary Tuberculosis		200	2	2
21-25 do.		do. do				31000
26-30 do.		Tuberculous Peritonitis			1	1
31-36 do.		Tuberculosis of Spine	***			The second second
66-40 do.		Miliary Tuberculosis			TOTAL TIES OF THE PARTY	THE REPORT OF THE PARTY OF THE
6-50 do.		Tuberculosis of Pleura	Company of	6 774	of violation cold	THE STATE OF THE PARTY OF THE P
51-55 do.	***		111	333	CHI CONTROL ON COM	CAN STREET
				- "		The Branch
Do.	***	Miliary Tuberculosis		***	A Company of the last	The state of the s
		Total		-	9	14

Deaths from Non-Pulmonary Tuberculosis 1924-40.

emails indistre	Pe	eriod.				Deaths.	Rate per 1,000 population.
Yearly Averages :							
1924-28	***		***	***		15	0.23
1929-33	***	***	***	***		15.2	0.22
1934-38	***	***	***	***	***	10	0.13
Average 1924-38		31	***	100		13.4	0.19
Year 1939		000		200		15	0.17
1940			***	***		14	0.15

ENTERIC FEVER.

It is true to say that a very close watch is kept on the incidence and mortality of this disease as it occurs in the Urban Sanitary District and that, because it does furnish some sort of index of the general level of sanitation that has been attained and of the success of the measures directed towards maintaining the essential services at a high level of efficiency.

If the water supply is subject to contamination, if there is no proper and efficient system of disposal of excreta, if the food of man is vitiated by frequent contact with flies, dust and dirt, to such an extent will these happenings be reflected in the incidence and mortality of enteric fever in the district.

In this City, I believe, from what I have seen of it, that enteric fever is an infectious disease that can be considered "well notified".

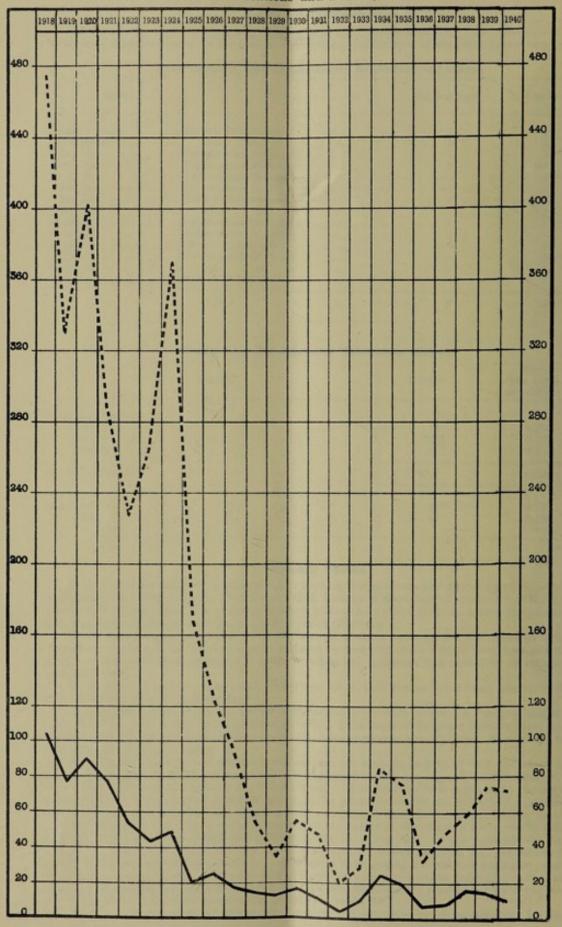
I am positive that there are few cases of enteric fever that escape notification and it is no uncommon thing for a case to be notified as enteric fever, only to be given another label later on, when the subsequent course of the case makes the disease-process more certain; whereas the reverse is hardly ever known to occur.

Again fairly complete and minute investigations are made in respect of each and every case of enteric fever that is made known to the Department either by way of notification or, very occasionally, by its appearance in the death returns. Careful inquiry is made as to the particular place where the infection was acquired and as to the probable source and vehicle of contamination and, of course, all cases which are found to have commenced their illness in the country or to have acquired their infection from a definite contaminating source in the country are carefully excluded, from the statistics, even though the address given is a City one, as not infrequently happens During the year under review seventy cases of enteric fever were notified and (11) eleven deaths recorded as compared with seventy five and fifteen in 1939, giving a death rate per 1,000 population of .12 and .17, respectively. Fifty-one (51) of these cases were in persons under 20 years of age and sixty-one (61) in persons under 30 years of age. In fact the disease is predominantly of the so-called "juvenile type", 27 cases occurring in youngsters under 10.

This is a normal state of affairs for the City and one that has been apparent for the last ten (10) years.

Chart G Port-of-Spain

ENTERIC FEVER-Notifications and Deaths, 1918-1940.



.... NOTIFICATIONS.

DEATHS.

Enteric Pever.

Notifications and Deaths, 1918-40

		othications and Deaths,	2020-20.	
Period.	1	Notifications.	Deaths.	Death rates per 1,000 pop.
Year 1918		495	104	1.52
Yearly Averages :		1 10		06,8861
1919-23		301.8	67.8	1.03
1924-28	*** ***	162.4	25.2	0.39
1929-33		. 37	10.8	0.16
Average 1919-33		100.2	20.8	0.32
	1 . 95			
		100		The same of the sa
Year 1934	*** ***	. 85	25	0.34
1935			19	0.26
1936	*** ***		6	0.08
1937			7	0.09
1938		59	16	0.19
Average 1934-38	· amount	59.8	14.6	0.19

Year 1939			15	0.17
1940		70	11	0.12

Enteric Fever, 1940-Age Distribution of Notifications and Deaths.

	- 52			Ages.				Notifications.	Deaths.
Under	1 year					AIR		2	1
1-10 y	years					2	1	27	5
11-20			***		***			24	2
21-30	do		***				***	10	1
31-40					***	****	1	4	2
1-50					***	***		1	-
1-60			***			11 442 10	1000	ocinciania 1	
Over 6	0 years						***	1	-
		Total						70	11

Inoculation of Enteric Fever contacts.

Contacts are ferreted out and offered inoculation which is hardly ever refused. If a barrack yard happens to be seat of occurrence of the case, the whole barrack yard population is inoculated.

Inoculation of Enteric Fever Contacts.

T.A.B. Injections.

No. receiving one injection.	No. receiving two injections.	Total.
102	36	138

PNEUMONIA.

Sixty-nine cases of Pneumonia were notified during the year under report and sixty-three deaths recorded. Twenty-nine of the notifications and thirty-seven of the deaths were in children under

recorded. Twenty-nine of the notifications and thirty-seven of the deaths were in children under ten years of age.

I have already, earlier in the report, commented on this apparently very high mortality—the fact is that many cases of this disease escape notification.

Even though the measures at our disposal for prevention and control do not, in view of the nature of the infecting agent and of its method of spread, carry the same conviction as is the case with some other infectious diseases, yet an early notification of a case means, very often, the early removal of the case to Hospital and the early institution of specific treatment which may make all the difference between the recovery or death of the patient.

Pneumonia (All Forms).

Notifications and Deaths, 1922-40.

Period.	Dutte	Notification	Soltionito	Deaths.		Death Rate per 1,000 pop.
Yearly Averages: 1922-26 1927-31 1932-36	 101	111.8 69.8 155.4	808	78 53.4 80.6		1.23 0.79 1.10
Average 1922-36	 22	112.3	1623	70.7	100	1.042-3201
Year 1937 1938 1939 1940	 8.0	125 101 107 69	100.2	85 70 59 63	-	1.10 0.83 0.65 0.68

Pneumonia-Notifications and Deaths according to Age.

		Ages.			8,62	Notifications.	Deaths.
Under 1 year						8	26 oget 265
1-10 years		***	***	***	***	21	11 0407
11-20 do		***	***	***	***	6	1
21-30 do						7	2
31-40 do		***		***		10	2
41-50 do			***			8	6
51-60 do				***		5	5
Over 60 years					1	Town then are	10
	Total	***				69	63

DIPHTHERIA.

Thirty-seven (37) cases as against sixty-one (61) in 1939 were notified in 1940. The number of deaths certified to this disease was two (2).

Diphtheria.

Notifications and Deaths, 1917-40.

		Period.		100	Notifications.	Deaths.	Death Rate per 1,000 pop.
Yearly	y Averag	ges:			Paterio F 8.11 contacts	lo soissimoni	0.00
	917-21	***	****				0.02
	922-26	1 ***	100	1 1000	14.8	bush 2 and in l	0.03
	927-31			***	23.8	1.6	0.02 squad b
1	932-36	***	100	***	29.8	2.2	0.03
Avera	ge 1917	36			20	1.8	0.03
Year	1937			***	30	4	0.05
2000	1938				16	3	0.04
	1939				61	2	0.02
	1940				37	2	0.02

Diphtheria, 1940.-Notifications and Deaths according to Age.

		Ages.			on the last	Notification	ons.	De	aths.
	-					1		1 1 3	Seats of sea
Inder I year	***	11000	16000	10000	400	The state of the s	A GRIZZO		THE PERMIT
1-10 years	***	***	***	BEST TO STATE OF	I CONTRACTOR	25	BUILDING.		2 mits al 3
1-20 do.	***	1	***	225	- 11	7			Even alson
1-30 do.	***	***	***	444		3			- 3 - 3
1-40 do.	1000	100				1	maribe and		miss some d
					tition at	97	In victory	I nd ness	of the level
					lalend 21	37	ospital	case to F	4

CHICKEN POX.

Age Distributions of Notifications.

Ages.	Notifications.	Ages.	Notifications.
Under I year	15 21 12	31-40 years 41-50 do 51-60 do Over 60 years	5 3 1
		Total	58

No case of Acute Poliomyelitis (Infantile Paralysis), none of Encephalitis Lethargica, or of Paralytic Rabies was notified to the Department during the year. No case of quarantinable disease occurred either in the City or in the rest of the Colony.

ACUTE ANTERIOR POLIOMYELITIS. Notifications of Acute Anterior Poliomyelitis 1927-40

Year.	No. of Cases.	Year.	No. of Cases.	Year.	No. of Cases.
1927-29 1930 1931 1932	5 3 la	1933-35 1936 1937 1938	3 10 2	1939 1940	the equi black
an external syphilis is that is concealed black these tigmes	ed by a syphil	being now order	to set ordinaroger	stricted there are	d to been ted

NON-NOTIFIABLE INFECTIOUS DISEASES.

MALARIA.

The question is offen asked: Is malaria very prevalent in the City of Port-of-Spain?

If by that question is meant: How many people get infected with the malaria parasite by malaria-carrying mosquitoes within the limits of the City, the answer must certainly be very few, perhaps not more than a dozen or two in any one year and, when infection does take place, almost invariably those infected are inhabitants of the periphery where anopheline mosquitoes from adjoining malaria infested districts are to be found.

It is quite another question to ask " How many cases of malaria can be found at any one time in the City?", as it is no uncommon thing for cases from the country to come or to be brought to the City for treatment and among the residents may be found many an old case from the country which has taken up residence in the City as a means of escape from chronic recurring infection in areas where malaria is endemic. This latter type of case is subject to recurring acute attacks whenever some debilitating influence has had the effect of lowering the resistance for the time being.

Malaria not being a notifiable disease, it is not possible to say, with certainty, how many cases reside in the City but as far as it is possible to do so, every case brought to the notice of the Public Health Department and, certainly, every recorded death is investigated by Sanitary Inspectors who make it their business to ascertain, as far as possible, the source of infection and who make a survey of the immediately surrounding district for anopheline mosquitoes and their possible breeding places.

As a result of these investigations, carried out over a period of years, I am in a position to state

again that very few cases are actually infected within the limits of the City.

In the returns which were sent to the Public Health Department by the Registrars of the various sub-districts of the City during 1940, eighteen deaths were certified to malaria.

Deaths from Malaria according to Age.

Ages.	Deaths.	Ages.	Deaths.
Under 1 year	2 2	31-40 years	2 2

Malaria-Local Distribution of Deaths.

	Deaths.							
City Proper			1105	 	taging of			9
St. Clair				 		***		_
East Dry River				 		***		4
Belmont		***		 				3
Woodbrook				 				2 7 01-1
St. James				 				- 20 00-1
To	tal			 	***			18

SYPHILIS.

Syphilis, as a cause of morbidity and mortality and, in its general widespread effect on the public health, is certainly one of the most important diseases that affect the inhabitants of the Urban Sanitary District.

It is unfortunately the later or tertiary manifestations of the disease that are responsible for the mortality that is recorded and it is true to say that, as the aetiology of those morbid conditions, that affect the middle and old aged, is more and more clearly understood, syphilis is seen to play a greater and greater part.

In a sense it would seem that the nature of the disease is undergoing a change from the early florid type with open chancre and intense rash to a more obscure, retrocedent type with vascular and nervous manifestations as predominant signs.

And there are many who think that the existing practice of insufficient and perfunctory treatment in the early stages is responsible for the change that is being observed—an external syphilis that used to burn itself out in the early stages being now replaced by a syphilis that is concealed and lurks dangerously in the tissues only to attack, later on, the most vulnerable of these tissues, whenever the opportunity presents itself.

Surely it is a matter of urgent necessity that consideration be given to the various means and methods whereby the infected can be compelled to undergo regular and thorough treatment in the early stages of the disease, until the medical officer is satisfied that sufficiently complete treatment has been administered as to give a fairly reasonable certainty of clinical cure.

Deaths from Syphilis according to Age 1930-40.

wal your	ad vin	Age	S. Constant	THE !		Average No. of Deaths, 1930-39.	No. of Deaths. 1940.
Under 1 y	ear	othepon				5.1	natural in the destrict of
1- 2 year		***				0.9	in the second line and
3- 5 do.	***		***		***	0.3	a the City - I had no
6-10 do.			***			0.2	to the second of the second
11-20 do.						1.3	the same of the same of the later
21-30 do.			***			3.6	3
31-40 do.						4.6	11
41-50 do.						3.5	are de la como 7 de la como
51-60 do.	10.00					2.4	a mile to 5 relati
Over 60 y	ears		1 1 100			1.9	oside in 18 Laty but an
	Tota	d	1 200			23.8	onlined and 35 where each
Rate per	1.000 20	7				0.31	0.38

DYSENTERY.

Dysentery is mainly a food or water-borne disease and is, to a certain extent, an index of the potability of water supply or of the purity and cleanliness of available foodstuffs, especially of those types that are eaten raw or uncooked such as green vegetables, fruits, &c.

During the rainy season and particularly, at the commencement of it, a certain number of cases crop up regularly each year.

It is not a notifiable disease and only a rough estimate of the incidence can be made from the deaths recorded.

Dysentery.

Deaths from the Dysenteries, 1918-40.

Latin during 1940	Period.			Sept Pro	Deaths.	Death Rates.
Year 1918	mile!	hand (a)	Den 201		43	0.63
Yearly Averages :						freshment.
1919-23	***	***	***		38.2	0.58
1924-28					32	0.49
1929-33					14.8	0.21
1934-38	***		***	1	5.4	0.07
Average 1919-38	Da. 13		18		22.6	0.34
Year 1939					2	0.02
1940	***	***			9	0.10

DIARRHOEA AND ENTERITIS.

Seventy-three (73) deaths, of which fifty-three (53) were in infants under one year, were recorded in 1940.

It is a disease of filth, squalor and congestion and infants suffer most, most probably because of the relatively easy contamination of the principal article of food—milk—at this age.

As is to be expected the East Dry River District furnished the largest number of these cases.

During the year under review deaths from Diarrhoea and Enteritis constituted 18.2 per cent.

of the infant mortality.

Deaths from Diarrhoea and Enteritis, 1918-40.

-	OF THE PARTY OF TH		-			The second secon
1 1	Period.				Deaths.	Death Rates.
Year 1918	0				193	2.84
Yearly Averages :				8	1	
1919-23					143.6	2.18
1924-28					72.8	1.12
1929-33		***			52.8	0.76
1934-38	***		****		40	0.52
Average 1919-38			A 0		77.3	1.15
Year 1939	·		distribution of	4	45	0.50
1940			***		73	0.79

Diarrhoea and Enteritis-Deaths according to Age.

Age	es.		Deaths.	Ages.	Deaths.
Under 1 year 1-10 years 21-30 do.			53 8 2	31-40 years 41-50 do Over 60 years	 1 2 7
		1		Total	 73

Diarrhoea and Enteritis-Deaths in Sub-districts.

			Su	b-district	HOLLAN			CAMCEST	No. of Deaths.	
City Proper		T THE PARTY OF	E0.0	nt	31.19	1	101.10	New York	20	
St. Clair		M			***				AND THE PERSON NAMED IN	
East Dry Ri	ver	3000	W/	100		****			27	
Belmont	***	***		***		***	***	***	13	
Woodbrook					****	***	***	***	3	
St. James	***	222	***	***	111	***	***	***	10	
		Total						A PROPERTY OF	73	

OTHER PRINCIPAL CAUSES OF DEATH.

Cardiac and Vascular Diseases.

Cardiac and vascular diseases occupied second place on the list of causes of deaths during 1940, claiming 210 victims out of a total of 1,568.

Many of these cases would, on careful analysis, be found to be the later manifestations of syphilitic infection acquired earlier in life and which was not subjected to thorough and complete treatment.

Deaths from Cardiac and Vascular Diseases in Age Groups.

FORMS.		0-10 years.	11-20 years.	21-30 years.	31-40 years.	41-50 years.	51-60 years.	Over 60 years.	Total
Diseases of Arteries and	1	Nony at			THE PARTY OF				CONT 180
Valves :				2	2	6	3	7	20
Arterio-Sclerosis and	***	***	***	-	-	0	9		20
4.44				1	1	2	1	25	30
0 00 1 1		PET.	SHEER	CHA.AN	CARRIED	I 5	2	5	13
Mitral and Aortic								1	123
		11000	W (001)	- uditatell	1 5	5	6	0 ml. 700	V06 24
Other Diseases of Arter	ies			1		1 3		10 19-10.	pebrose
and Valves	122	1	A PERSONAL PROPERTY.	la l	000 2	2	1111114	100170	117
	me			peincipal		administra		attively	the re
Disease of the Heart.	202			plyinit's		he East		o ed of a	
Diseases of the Heart: Myocardial Degeneratio	2			mid mod	2	whiteh I	but 8	27	38
Myocarditis		1	2	1	2	4	3	nom and	22
W. A		2	ī	i	ĩ		1	1	7
TO 1 11/1		B-R101	dimension t	ON DESCRIPTION	Befor Blin	Inchise I		1	4
Fatty Degeneration		1		1	2			2	6
Aneurisn of Ventricle						***	I was	1	1
Angina Pectoris		***	***	***	***	2	1	1	4
Auricular Fibrillation		***	***	1	***	***	2	***	3
Other Cardiac Diseases		1	***	1	4	5	6	4 ,	21
Total		7	4	9	23	33	37	97	210

Cerebral Haemorrhage, Bronchitis, Nephritis.

Deaths according to Age.

Ages.		Cerebral Haemorrhage. No. of Deaths.	Bronchitis No. of Deaths.	Nephritis. No. of Deaths.
Under I year 1-10 years		9	17 6	ï
11-20 do 21-30 do 31-40 do	***	3 6	1 1 2	3 4 14
41-50 do 51-60 do		12 16	3 2	12 11
Over 60 years Total		25	13	38 vc 1 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -

CANCER AND OTHER MALIGNANT DISEASES.

Ever since it became possible, with the establishment of the City Council as the Local Authority for the Urban Sanitary District of the City of Port-of-Spain, to keep an accurate record of returns of deaths, it has been noticed that deaths from cancer and other malignant diseases have shown a steady increase from year to year for reasons which are by no means quite clear.

It is true that progress in preventive and curative medicine, coupled with improved economic and social conditions, has enabled a much larger population to arrive at those age-periods at which cancer is more prevalent but that does not seem the complete explanation and much more still remains to be discovered in connection with this disease.

Preventive measures amount to practically nil and the only hope at the moment for the afflicted is in early diagnosis and in early radical treatment of the disease.

Cancer and Other Malignant Diseases. Forms, Sites and Deaths.

							De	ATHS.	
	Forms an	nd Sites	Dispuser		12 201 P	dinalecti	Distance for	Alms.	
Coaches sprayed.			water to			M	ales.	eig F	emales.
Carcinoma:									
Jaw, Mouth, To	neue Th	mat	.014				4	1000	orologischi'
Oesophagus, Sto	mach. P	vlorus	1.340		1		7	1700	7 of plants
Liver, Pancreas			.25		-		2	100	3 danamuan'
Small Intestine,	Large In						4	100	1 phthurisg
District			31				1		Inches Pop
Bladder, Urethr			.01		100		-	metodan	phtlahmig Neo
Ovary, Uterus,				***			_	200	26
Prostate	***						2	1	_
Site not stated		***	323		***		- 111	and Did	ol 1
Sarcoma:					4.6			1.00	
Ribs	***		***		1		-		1
Uterus			***				_	1	î
Urachus	***						*1	1	_
Site not stated	***	******	american)	Der Com	20000		n.kimmel		1
								or other	
Undefined Malignan	t Neopia	SINS :			The same of			Acres desired	
Liver	***	***	*** 050	STREET,	,001044		mal.		1
Kidney		***	***	***	222		1		
vidinold Total					1	note ovi	24		54 = 78

* Aged 2 years.

Cancer, etc.-Ages at Death.

81	Ages.	 - 22	No. of Deaths.	Ages	No. of Deaths.
41-50 do.	***	 100 M	1 7 18	51-60 years 61-70 do Over 70 years	 18
		217	Colored Colored	Total	 78

Deaths from Cancer and other Malignant Diseases, 1918-40.

	P	eriod			CI Int	and Verl	Deaths.	Remile.	Rate	per 1,000 pop.
-Senior	-100	15.0	Sharming.	70001150	17	bortugost	Wildren .			
Yearly Averag 1918-22	ges :				235		44.4	1		0.67
1923-27							45.6	100		0.71
1928-32			***				44.6	111		0.65
1933-37				S,ook.			56.8			0.76
Average 1918-	37			8,673.		(83)	47.9	100	and the last	0.70
						126	178		100	als property
Year 1938							70			0.83
1939			***	1,522.1			76	100		0.84
1940	315		***				78	100		0.85
					. 3			100		

SANITARY ADMINISTRATION.

There was a slight reduction in the number of the temporary staff of the Public Health Department during the year under review, an attempt being made to get more and better work through more thorough and efficient supervision by responsible overseers and drivers, rather than by an increase in personnel.

by an increase in personnel.

The number of the temporary staff totalled eighty-five (85)—fifteen (15) drivers, six (6) specials

and sixty-four men (64).

A change that was instituted and, which seemed to work well, was that the Special Sanitary Inspector in charge of the control of Infectious Diseases was given supervision and control of all units engaged in disinfection, whether they be cesspits, pools or premises.

Disinfection.

Premises. &c. disinfected for Infectious Diseases and Vermin.

· · · · · · · · · · · · · · · · · · ·		Disease	es.		Premises sprayed.	Railway Coaches sprayed
Cuberculosis				 	140	January Ments and
Enteric Feve	r			 	64	Orselfangen Steamen, P. C.
neumonia				 	45	Liver Prince at
Diphtheria				 	29	Small topics, Large 1 to
hicken Pox				 	31	dream
phthalmia	Neonat	orum		 	16	andreast, and better
The state of the s	**	***		 		arlay w 18 U ward
	Total			 	325	be 18 a lon atil
Vermin				 	352	18690

Inspection of Premises, &c., by Sanitary Inspectors.

Average Monthly No. of Visits to Dwellings, Shops and other Premises ... 8,340

Inspection of Stores, Shops, &c.

54 = 78		Mon	erage nthly o. of sits.					Mon	erage athly o. of sits.
Provision and Meat Shops	***		222	Sweet Drink	Carts	***	*** 5100	10.00	32
Provision Stores			25	Dairies and	Cowsheds				73
Restaurants and Cookshops	V		44	Stables					63
Bakehouses	***	***	39	Goat Pens	00000	***			79
Bread Depots		***	10	Acrated Wat	er Factor	ies	***		13
Cake and Ice Cream Shops			202	Soap Factori	es	***	***		2
Fry Shops			18	Other Factor	ries	***	***	***	16
Hotels	***	***	7	Schools	***				26
Markets			9	Common Lo	dging Hou	ises			6
Spirit Shops	constitution.	***	33	Barber Shop	5	***	***	***	39
Ice Cream Carts and Pails			14	Dyeworks	***		***	***	6
Cake Trays and Baskets			74	Laundries			***	***	31
Provision Trays and Baskets	***	***	99	Garages	***		***		245
Bread Carts and Baskets	***		36	Tanneries	***		***	***	15
Fresh Fish Trays	***		67	Public Urina	ds				14
Oyster Vendors' Baskets			5	Boats					
Plaintain Carts			4						

Results of Notices and Verbal Directions.

			Con- structed or provided.	Repaired.	Cleansed.	Painted.	Elimi- nated.	Lime- washed.
Yard pavements			25	99	10	111	111	CO-6000
Depressions in yards	***	***	3000	17.50	***	***	222	10.8300
371-		***	73807	***	5,075	***		Service Association
Drains, sinks, gullies, v	washing	***	2000	***	3,070	***		10-0
troughs, etc Lavatories, sewer basin		8.	283	453	5,673	***	7	SIEI AND
bath rooms, etc.			178	126	1,808			
Privies			000	951	.,,			723
Cesspits			150	273	1,529	****		9000
Manure Heaps			7000				345	0000
Rat Holes			1000				158	
Tree Shade, Overgrown			-				903	
Dustbins			1,618	388	1,565	***		
Dustbin covers			000					
Shops, Parlours, Resta					The state of the s			
Bakehouses, Hotels,			NOUNA	104	3,821	313		275
Aerated Water Factori			1000		98	and the same	Intellection	8
Bread Carts						14		In market
Barracks, Common Lo					36	26		35
Garages, Kitchens	-00				7			97
A 1 1 A 11 A 1			100	34	170			97
Close-boarding, Ventila			Tall Street		- HARRY SAN	Charles To	Photo Property lives	AND DESCRIPTION OF THE PARTY OF
Houses	***		22				(40) acces	mol-April

Reports to Water and Sewerage Department.

Reports. Leaks, defective taps, chokes, &c	4	Total. 604
Anti-Rabies Measures.		
Trapping, &c., of Bats. No. of locations inspected for roosts of bats		 40,593

field block a

Building Plans, &c.

Reports made by the Public Health Department were as follows:-		No.
On plans, &c., for reconstruction or reconditioning of buildings		693
On applications for leases of land in Woodbrook	****	76
On premises in which building operations were in progress	****	229

Prosecutions.

A LOGOCUMONS.		37	
Offences.		No. of Cases.	Total Fines, &c.
Pailing to comply with nuisance notices		8 2	\$41.00 Reprimanded
Failing to provide proper dustbins		3	\$ 4.80
The state of the s		5	Reprimanded
Exposing cakes for sale at a height less than 2 fee	t		
from ground	****	2	\$ 7.20
Failing to register under Sale of Foodstuffs Bye-laws		5	\$10.70
hive all their ellers has a second and		6	Reprimanded
Selling Milk without carrying badges or being licensed		4	\$ 6.20
Spring state of the state of th		2	Reprimanded
Exposing unsound meat for sale		1	\$25.00
Total	****	23	\$94.90
		15	Reprimanded

Financial.		1939	1940
Revenue collected by Public Health Department		\$ c. 551 20	\$ c. 703 76
Expenditure	****	63,602 67	65,557 25

Forty-five Desmodus bats were caught at Laventille, a district outside the eastern boundary of the City.

HEALTH WEEK.

No invitation from the Royal Sanitary Institute to carry out the observance of Health Week was received by the Local Authority in 1940 and none was undertaken. It had been decided last year to postpone the observance of Health Week sine die.

Changes in the Staff.

The following changes took place in the Staff of the Public Health Department during the year under report:—

1. Resignations:

Mr. W. R. Smith, Chief Clerk, as from 1st January, 1940, after 23 years' service.

Mr. T. H. Christian, Messenger, as from 9th January, 1940, after 23 years' service.

2. Appointments:

Mr. A. Wilson as Messenger with effect as from 1st April, 1940.

Mr. T. M. Mitchell, cert.R.san.t., as Chief Clerk, as from 1st May, 1940.

Mr. J. R. Howard, cert.R.san.L., as Sanitary Inspector, as from 1st May, 1940.

Mr. J. E. Parris as Overseer of Anti-Mosquito Unit, as from 1st May, 1940.

3. Obituary:

The deeply regretted death of Sanitary Inspector Frederick A. Howard took place on 25th October, 1940, whilst he was still in the service. The late Mr. Howard served with Government for several years prior to his transfer to the staff of the Port-of-Spain Local Authority on 1st January, 1917.

Leave of Absence.

Sanitary Inspectors.			Vac N	Sick Leave. No. of Days	
Ashe, G.	Filing Iv	William III	CONTROL IN	of the little of the little of the	n p. 7 mm, det., In
Assing, C. C.				28	-
Boxill, E.				my to sarday so	21
De Four, H.	****			21	
Hinkson, M.	****		A SHADOW AND	84	A BENNELLE SELECTION OF THE PERSON OF T
Lamont, W. A.	****			21	-
Parris, J. W.		****	****	42	-
Pierre, G.		-	****	21	-
Rivers, F. B.	****	- Care	****	56	4
Romain, A.	2111	3000		112	27
Seon, F. E.			TO PERSONAL PROPERTY.	21	20
Wilson, I.				28	10
Wood, J. A.		****	1111	28	17

Acknowledgments.

Mr. T. M. Mitchell, cert.R.san.L. was, on the 1st of May, 1940, appointed Chief Clerk to succeed Mr. W. R. Smith who retired at the end of 1939.

The Local Authority is to be congratulated on giving due recognition to an efficient, hardworking and conscientious Sanitary Inspector who has given of his best for seventeen years.

The members of the permanent staff, of whom all but three are Sanitary Inspectors, continued to work hard and to pull their weight conscientiously and loyally under the guidance of Mr. Ferreira, cert.R.san.I., Chief Sanitary Inspector and Mr. T. M. Mitchell, cert.R.san.I., Chief Clerk.

For this I am deeply grateful and I ask the Local Authority to remember their services and to hearken to their plea to be given the same consideration as clerks of the Corporation.

I also appreciate equally the work of the temporary staff without whose help it would be difficult to carry on the work of the Department,

