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## CITY OF CALGARY DEPARTMENT OF PUBLIC HEALTH

Annual Report for the Year 1943

LOCAL BOARD OF HEALTH OF THE CITY OF CALGARY
His Worship Mayor ANDREW DAVISON, Chairman,
and All Members of the City Council.

Medical Officer of Health—W. H. HILL, B.A., M.D., C.M., D.P.H. Assistant Medical Officer—GERALDINE OAKLEY, B.A., M.D.



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To: His Worship The Mayor, Commissioner, and Members of the City Council, constituting The Local Board of Health of the City of Calgary.

Mrs. Wilkinson and Gentlemen:

I beg to submit herein a report of the activities of the City Health Department for the year 1943.

#### VITAL STATISTICS

The population of the City of Calgary as determined by the Dominion Census of 1941 was 88,904. It is upon this figure that the expression of rates and figures in this report are given.

In the several Canadian centres, as applies elsewhere, a great many people not normally resident there have established temporary homes. It is impossible to give expression in number to the stranger within our gates but it is known that their resence here influences the City's vital statistics.

As a consequence of this such matters as birth rates, death rates, etc. given in this report are only closely approximate. They can not be otherwise by reason of the fact that births and deaths take place amongst the transient population which are taken into consideration in the actual population figure, which figure does not include the number of temporary residents.

In most of the tables both the gross and net rates appear; the net having to do specifically with the citizenry and therefore of direct interest.

MARRIAGES. The number of marriages registered during 1943 was 1766 or a rate of 19.9 per 1000 population. It will be observed that this recording, both in number and consequently rate, is the lowest since 1939, and markedly lower when compared with the figures for 1942 when the number was 2015 and the rate per 1000 population 22.7. It is difficult to give a reason for this marked drop, several might be advanced, notably a decrease in the number of trainees, and a possibility after four years of war, young people show an inclination to regard marriage in its true proportion and realize that there is a good deal to consider beyond the glitter and novelty occasioned by new uniforms and the early massing of men plus an inflated patriotism. In any event, it must not be lost sight of that the increasing number of marriages over the last few years reflects the influence of war-time conditions.

BIRTHS. The number of birth registered was 2747 or a birth rate of 30.9 per 1000 population. This is the gross figure and included 652 births to non-resident mothers. The net number of births amongst residents only was 2095 or a rate of 23.6 per 1000 population. These latter, or net figures, represent the highest recorded for the last twelve years in the City. It has been stated - and quite correctly - that the birth rate is a good index to the degree of domestic stability and, if increased, reflects improved economic conditions. This fact is pointedly shown in the following list of net birth rates for the city since and including the year 1932. It will not be lost sight of that this period covers the so-called depression.

Net Birth Rates:	1932	17.5	1938	13.9
	1933	15.5	1939	14.5
	1934	15.5 15.6	1940	16.4
	1935	15.5	1941	19.8
	1935 1936	15.3	1942	21.7
	1937	14.2	1943	23.6

Of particular interest is the fact that 7.5% of the gross number of births for the year 1943 were illegitimate. The number being 208, There were 48 more illegitimate births as compared with the number for 1942. Further analysis of the illegitimate birth problem, discloses that a very fair

and Members of the City Composit, constitution The Local Toard at Health of the City of Calcory. Brow Wilkinson and Sentlement PRINCE STATE JACKY nothing out the City of College as determined by the Double of December 15 if was 80.304, It is upon this figure that the expression of rates and rights ove Juoger sind at county has of il the second franchistate east there are altered to algor and sein; two minibe requeste add of redema di Acteserque evin of aldiscopit calviolic of Jon man world . etanktowen wiesels wino one fragor sint all navia population which are telen into constron in the notice actual population figure In most of the tables toth the group and not inter appears the set having to specifically with the citicenty and therefore of direct interest. no of Tilmitas bas 1959, each the level this level as without the reduce to or when compared with the farmes for 1962 when the number was 2016 and the rate per 1000 regulation 22.7. It is difficult to give a remain for this parked drop, we such at the bedraced, notably a decrease in the interest of trainces, and a possibility arter four years of wary young people chow an inclination to remaid marriage in its true proportion and realize that there was to bearingon whieven has rootly out though a chief book a wh posed non to underen a fanountle of that the state of ton term of draws issolvibuos enfraças to especifici ede escallor energ wer toef enfraces or a vade of 23.0 por 1900 population. These lattery or not figures, thel of ten like of Seel tear out a thefent her could with out well sector and and the first this proves believed being shift the to the to for the year 1903 were illegitimate. The number being 200, There were his more illegitimate dirthe as con ered with the number for 1902, Feither number for 1902, Feither number for the illegitimate birth problem, discloses that a very fair

percentage of the 208 births were born to mothers of 19 years of age and younger; the actual figures were 32.1%.

There	were	3	babies	born	to	mothers	of	15	years	of	age.
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77	11	9	Ħ	n	11	11	11	17	11	11	Ħ
3	- 11	17	11	11	11	n	Ħ	18		11	Ħ
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The number of illegitimate births recorded from most sources show a continuing increase from year to year, and the time is long past due for an attempt to be made to find some solution for this now acute social problem. There is more to this than meets the eye.

The net number of stillbirths registered throughout the year was 46, a decrease of 3 when compared with the number reported during 1942. The rate in this regard and per1000 population shows at 0.52. A cursory glance at Table #2 in this connection might lead to the supposition that the City had an irreducable minimum, especially in view of the similarity of both numbers and rates year by year. Such a supposition would be greatly erroneous, and there is considerable that might be done to further reduce even this small figure. Birth rates generally are far too low, and no nation can afford to overlook this most important fact. The arrival of a stillborn baby, with its reflection on an admittedly low birthrate, is a subject and a happening worthy of profound consideration.

DEATHS. The net number of deaths reported during the year was 790, representing an actual City death-rate of 8.9 per 1000 population. These figures show an increase over those reported for 1942 of 33 in number and 0.4 in rate. As pointed out in previous reports the foregoing figures relate to the actual resident population of the City, but due to the fact that it is impossible to differentiate between resident and non-resident in the tables of cause, further remarks in connection with deaths and death rates will be on the basis of the gross reportings for the year 1943. The gross number of deaths recorded was 1048 and the rate in this connection was 11.8 per 1000 of population.

The first six causes of death were as follows:-

Diseases of the heart, arteries, kidneys, and including apoplexy Cancer (all forms) Violent and accidental deaths Pneumonia Influenza Diabetes	415 165 49 45 15 9
All other causes	350
Total	1048

It will be noted that the number of deaths from the above six causes represents very approximately 66.6% of the gross death total.

DISEASES OF THE HEART, ARTERIES, KIDNEYS, and including APOPLEXY - There is an increase of 9 in the number of deaths from these related causes as compared with the figures relating to last year, when the number reported was 406. It is particularly gloomy to have to observe the number of deaths under this classification from year to year, and to further observe that

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the said number signals an increase over the number of deaths recorded the year before. Deaths from heart disease are on the up trend everywhere and continue on the up trend. To give some idea of the situation, it is noted that in the year 1924, the death rate for the City of Calgary from heart disease was 80.0 per 100,000 population, in the year of the present report (1943) the rate from the same cause is 466.8 per 100,000. From the standpoint of prevention, heart disease is often divided into 5 main types:-

- 1. Congenital causing most deaths in the younger age groups.
- 2. Thyroid causing most deaths in middle life.
  3. Syphilitic " " " " " " "
- 4. Rheumatic noted most in adolescence and early adult life.
- 5. Degenerative and sclerotic. Manifestations of senility.

Lacking knowledge as to why babies are born with distorted valves, little or nothing can be done from the standpoint of prevention of the congenital type. Much can be done by way of prevention and treatment in cases of the thyroid type. The prevention of the syphilitic type is the prevention of syphilis, or prompt, intensive, and thorough treatment. The prevention of the rheumatic type has for consideration the early recognition of the causes leading to rheumatic tendencies and the application of appropriate corrections and remedies. While it is uncertain whether or not degenerative changes can be prevented, intelligent treatment may prevent early disability.

CANCER - 165 deaths were reported from cancer in one or other of its' many forms during 1943 which number shows an increase of 7 when compared with the figures reported for 1942. The incidence of cancer is on the up trend practically universally. It was pointed out in the last report that whereas the death rate from cancer in the year 1924 was 74.5 per 100,000 population the rate for 1943 is 185.6 calculated on the same basis. Much is being done in connection with this problem particularly having regard to early diagnosis, at which time it is possible to do considerable about the condition, that is of course if the cancer is as early as the diagnosis. However, the discovery of cases and the establishment of early treatment is not going to do much towards shedding light on the actual inciting agent of cancer. This problem will have to be tackled very intensively and persued until something tangible results both to augment our knowledge and to provide a brighter outlook for those who become afflicted by this scourge of mankind.

VIOLENT AND ACCIDENTAL DEATHS - 49 deaths were reported under this classification during the year which figure shows a decrease of 7 deaths as compared with the reporting for 1942. It has been pointed out in previous reports that third place in the lists of the causes of death occupied as it is by these causes, is a situation that should not be tolerated in this or any other community. The number of deaths in Canada from violent and accidental causes, has for a long time furnished a reason for very grave speculation. This particular cause of death should stress to any and all individuals whose careless actions either in work or play, involve hazards to others, the need to be ever on their guard against taking even a minimum of chance. A true accident is something of a rarity we must all admit. Too often do such considerations as irresponsibility, carelessness, indifference and other factors enter into the picture serving to point to the pressing need for drastic measures to be taken to call a halt to this needless loss of life.

PNEUMONIA - During 1943, forty-five deaths were reported as being due to pneumonia, an increase of four over the reporting for 1942. Many factors must be considered in connection with deaths from pneumonia and the broad reasons why some recover from and others die of this condition. True it is that we have a most efficient armament in the treatment of this disease, and

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as the result of its' application the number of deaths has been markedly reduced over the last few years. Some of the reasons contributing to the number of deaths in this regard are, late diagnosis, debility of the patient, superimposed infection, and the fact that pneumonia is very fatal in the early and late age groups.

INFLUENZA - There was an increase in the number of deaths from this disease as compared with the reportings for the year 1942. Fifteen deaths were reported during the year and six in 1942. The general public have come to regard any condition resembling the common cold as 'flu, whereas clinical influenza is a very definite entity and is caused by a specific virus in contradistinction to the common cold which is due to a mixed infection. Influenza (it is stated) is not of itself a serious condition, but when the virus infection is accompanied by other infections the condition may become one of grave seriousness and result as it did in 1942 in the deaths of 15 individuals. It may be mentioned that pneumonia is often a complication of influenza.

DIABETES - Diabetes will always continue to exact a toll in more or less extent. Some years ago diabetes was considered and was for that matter a veritable death dealer. It is now general knowledge that since the discovery of Insulin the death rate from this condition has been markedly lowered, and a patient suffering from diabetes, under suitable and efficient treatment can look forward to a relatively normal span of life. Nine deaths were reported as having occurred in the city from diabetes in 1943.

INFANT MORTALITY. The number of infant deaths reported during the year was 80 and the rate 29.1 per 1000 live births. The number and rate are a little lower that for 1942 when the number was 83 and the rate 32.5 on the same basis. Considerable analysis of the infant death problem has been mede in previous reports and it is not thought necessary to reiterate at the present time. Sufficient will it be to state that the current recording shows at the lowest in comparison with the records for the past five years and it is hoped the decrease will continue.

MATERNAL MORTALITY. The maternal death rate and the figure constituting it shows a marked improvement when compared with the figure for 1942. Six maternal deaths were reported during the year corresponding with a rate of 2.2 per 1000 live births. The reporting for 1942 showed 11 deaths and a rate of 4.3. The number of non-residents included in the current reporting was 2, leaving a net number of 4 maternal deaths. The 1943 figure is the lawest reported over the past five years. It has been pointed out in previous reports that abortions (septic and non-septic) usually figure as the main causes for maternal deaths, and it is particularly gratifying to note that such is not the case in the current report. It is again pointed out that most if not all of the causes of maternal deaths are preventable, and it is hoped that the time will soon come when every expectant mother will avail herself of the advantageous services that have been instituted to advise and guide them during the period of gestation.

#### COMMUNICABLE DISEASE

The total incidence of communicable disease reported throughout the year was 1976 cases, and 51 deaths were attributed to these causes. In the list of communicable diseases, it will be noted that Influenza, Pneumonia and Tuberculosis are listed, for the reason that they are in fact communicable. However, they are treated as to reporting usually when the general causes of death are considered, and therefore are not further commented on under the specific heading.

MEASLES - shows in first place from the standpoint of incidence, and 687

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cases were reported during the year. It has been pointed out that whereas there is an outbreak of measles every year in every city, a marked incidence occurs every third year, and it so happens that 1943 signalled the end of a three year period. The incidence already reported during 1942 was 314 cases, less than half the number reported in 1943.

SCARLET FEVER - 396 cases of Scarlet Fever were reported during 1943, and one death occurred from this disease. Approximately there were 300 cases of scarlet fever less during 1943 than were reported during 1942, when the incidence was 695 cases. Scarlet fever is at best difficult to control, and more so when the influence of the healthy carrier is considered. Again, at the present time, and for the past four years, many of the active service personnel have been coming and going and mingling with the general population. Communicable disease is as common amongst the troops as it is anywhere, and as the result, the incidence of communicable disease in communities where troops are stationed reflects the risks of infection occasioned by the interassociation of the active service personnel and the general population of this or any other community. The control exercised must as a consequence presuppose the close co-operation between the medical officers attached to the armed forces and the local authority.

WHOOPING COUGH - This modified quarantinable condition showed an incidence of 164 cases throughout the year, and one death occurred from this disease. This incidence is considerably less than that reported during 1942 when 258 cases were called to the attention of this department. Within the last 2 or 3 years immunization measures in connection with this disease have been almost completely revolutionized, and this has resulted in the ability to confer a most dependable immunity against whooping cough. There is every reason to hope that the situation with regard to whooping cough will continue to improve year by year.

CHICKEN POX, MUMPS AND RUBELLA (German Measles) - three conditions that call for isolation of the patient and reporting, but do not require restrictions to be placed on contacts, showed incidences of 354, 304 and 33 respectively.

DIPHTHERIA - Nine cases of diphtheria were reported during 1943, and 3 of these cases died. When this reporting is compared with that of 1942, it will be observed that whereas the incidence of diphtheria is not as high, the percentage of deaths with respect to cases is much higher. 33.3% of the cases died in 1943. The percentage of deaths in relationship to the number of cases in 1942 was approximately 18%. It has been noted that in the last one or two years, diphtheria has been reported in more or less degree, a situation that should not be tolerated, and to give a clearer conception of the picture in connection with this disease, it is further noted that during. the 8 years ending 1940, nine cases only were reported. Since that time and during the years 1941, 1942, 1943, thirty-one cases were reported. Diphtheria is a highly dangerous infection and is just as deadly in its' effect to-day as it ever was. The spectacular decrease in its' incidence so pointedly noted at the present time, is due to the highly efficient measures used in immunization against this disease. It can be truly said that diphtheria need never darken the health picture, and yet we find a good many people who seemingly choose to run all the risks attendant on an outbreak of diphtheria rather than avail themselves of the protection afforded by immunization. It is such as these that render a community liable to the dangers inseparable from an epidemic of diphtheria.

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#### QUARANTINE AND DISINFECTION.

The work in connection with this particular branch of the service has been satisfactorily discharged during the year. It has been pointed out that the duties for which the quarantine officer is responsible have been much complicated by reason of the continued living accommodation shortage. Crowded living quarters always mean added incidence in communicable disease plus considerable difficulty in maintaining public health regulations. To add to these aggravated considerations the Isolation Hospital has been under capacity load for some time and it frequently happens that cases cannot be accommodated for several days after notification has been received. Crowded conditions in the presence of the patient, even for a few days, furnish nothing of help in stressing control measures. The work in this regard is shown in the following table.

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Houses quarantined	66	59	148	205	263	178	60	36	42	25	42	61	1185
Houses released	61	61	89	129	215	159	94	48	55	30	22	35	998
Patients moved to hospital	36	16	. 36	28	35	44	29	19	25	33	35	34	370
Other calls made	103	109	106	89	63	63	84	107	83	90	100	101	1098

#### IMMUNIZATION.

This work is done in the main by the Public Health Nurse in so far as the department is concerned. There was about the usual response to immunization as has obtained in other years although the outbreak of diphtheria served as a reason for some little activity in conferring immunity against diphtheria. Generally speaking there does not appear to be the interest on the part of parents and others having the care of children, in having children protected from the several diseases against which we have proved immunizing measures, and this in spite of the many instructional and explanatory talks given by members of the Health Department staff on many occasions throughout the year. Further comments in connection with this most important phase of preventive service will be found in the report of the School Division. The work done by the Public Health Nurse is shown as follows:

E DE LA CONTRACTION DE LA CONT	Jen	Fob	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Total
Inoculations	170	265	403	450	345	324	320	501	915	993	767	340	5793
Swabs taken	-	13	g	-	-	-	25	7	48	6	-	-	107
Vaccinations	14	15	20	74	39	27	15	29	72	37	19	7	368
Dick Tests	5	-	-	27	-	2	7	-	-	38	2	2	80
Schick Tests	4	1	2	26	-	20	5	7	12	5	36	11	129
Tuberculoin Tests	-	1	74	53	-	1	-	-	45	70	1	-	245
Investigations made	15	10	28	5,4	30	26	18	26	9	16	9	8	219
Total visits made	75	99	113	104	118	124	121	119	111	100	104	108	1296

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#### SANITATION.

The Chief Sanitary Inspector and his assistants have experienced a very busy year and the duties relating to this branch of the service have been satisfactory to the point where it has been possible to bring about solution to any of the many problems with which the department has been faced. The maintenance of the sanitary state is a tremendous difficulty and the shortages in this and that, the restrictions and limitations in things so necessary, plus heavy taxation, is not calculated to bring about any improvement in a very miserable situation. There will be a considerable load of repair and replacement to shoulder when peace dawns. The production, preparation and handling of foodstuffs has been rigidly supervised and the regulations in respect thereto enforced. The following table shows the work of this branch.

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Total inspections	1146	1081	1111	989	948	1009	804	729	827	1149	991	1061	11845
Notices - written	10	22	25	17	23	25	23	21	19	31	18	8	5,15
Notices - verbal	51	106	109	150	69	111	111	62	72	94	48	33	1016
Complaints received	42	43	40	41	m32	38	36	46	34	44	34	27	457
Complaints justified	37	29	36	37	28	34	32	41	31	39	32	23	399
Prosecutions		_	_	_	_	_	_	_		_	1	-	1

#### MEAT INSPECTION.

Activities in the meat inspection service have been satisfactorily attended to by Dr. J. G. Anderson. V.S. and his staff, who took over the duties when Mr. J. B. Whiteoak retired from the staff. It will be appreciated by Council that the work of this division is best handled by a fully qualified veterinarian and the City is most fortunate in being able to obtain the services of Dr. Anderson. The following table indicates the amount of work done in this branch.

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
SUBMITTED: Beef	195	130	113	109	120	105	123	115	195	169	192	216	1782
Veal	78	59	74	105	74	126	119	103	288	266	186	186	1664
Hogs	192	295	394	422	134	164	173	176	167	145	123	156	2541
Sheop and Lamb	3	18	17	-	8	50	146	236	109	177	117	43	924
TOTALS	468	502	598	636	336	445	561	630	759	757	618	601	6911
CONDEMNED: Beef	1	-	-	_	_	1	-	-	-	-	1	1	14
Veal	-	-	-	-	1	. 1	-	-	_	-	-	-	2
Hogs	834	1	3	-	1	1	1	3	-	-	1	-	194
Sheep and lamb	-	-	-	-	-	-	-	-	-	-	-	-	-

The College of the second of t

Total instance - retires 12 in 12 in

Antivision in the continuous for any first service news base particles will and Antivision for the continuous for the continuou

Portions condemned:	Jan	Fob	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Beef heads and tongues	4	. 1	4	3	2	6	1	3	-	1	3	5	33
Beef livers	9	g	10	6	15	22	13	3	15	16	9	13	139
Beef hoarts	1	1	0	-	-	1	1	3	-	-	3	4	14
Veal heads	-	-	1	1	-	-	_	-	-	-	-	-	2
Veal Livers	-	-		-	-	-	-	-	1	2	-	-	3
Hog heads	13	42	72	103	15	25	30	41	27	39	32	1414	483
Hog Hearts	1	11	22	g	6	11	2	3	-	-	5	17	86
Hog Livers	71	77	157	149	29	26	40	57	53	84	47	50	840
Sheep hearts	-	-	-	-	-	-	4	-	-	-	-	-	4
Sheep livers	-	3	1	-	6	16	33	126	51	80	53	26	395

#### MILK AND DAIRY INSPECTION.

The duties in connection with this most important activity of the department have been both intensive and complicated throughout the year. The labor shortage so universally apparent has its reflection on the farms and as a consequence the milk producers have been to a good deal of difficulty in maintaining the supply of milk needed in the city. Long hours, shortage of help, hurry, and the attention that must be given to dairy herds, have made things most trying for the producer, and meeting the requirements of this department has not improved the temper of the average individual. For a time considerable extra milk was required above that normally required in the city, for the purpose of supplying the Active Forces, Prisoner of War Camps, and a certain number attached to the U.S.A.Forces. This fact taxed the resources of the producers and added considerable to the work necessary to maintain strict sanitary control by this department. However, the duties performed by the two inspectors in this branch were tactfully and satisfactorily discharged and the quality of the milk was maintained at a very high standard throughout the year.

Of the 4303 sediment tests of producers samples taken, 4055 or 94.0% were good, 188 or 4.6% were fair, and 60 or 1.4% were bad.

Of the 145 sediment tests of retailers samples taken, 144 or 99.3% were

good and 1 sample, or 0.7% was bad.

Of the 4303 Methylene Blue Reductase tests of producers samples taken, 3665 or 85.2% were in Grade 1, 386 or 9% were in Grade 2, 252 or 5.8% were in Grade 3,

Of the 145 Methylene Blue Reductase Tests of retailers samples, all, or

one hundred per cent were good.

These tests were carried out in accordance with the procedure set out by the American Public Health Association, in their manual of Standard Methods.

According to information supplied by the Milk Inspector of The Board of Public Utility Commissioners of The Province of Alberta, under whose jurisdiction the economic phase of the milk control is vested, the sales of milk and cream throughout the year were as follows.

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The design are been total in this mest important interpretation of the total and the control of the control interpretation of

DE the 193 sediment tours of productes encited tour, host or 34.85 and to or 1.16 were read.

Of the 195 sediment trate of retailure supples tekin, int er 55.75 were good and 1 sample, or 0.75 was bade.

Of the 1950 Metaplese Sine Radictese tekin of preducts encyl a trate.

of the 4 post metalling star and adapted to the or of preducts at 5,65 per 5,65 per

the feet cares were courable one in monophages with the production of the courable of the cares of the care of t

Accounting to the convenient one of the first of Alberta, and the foundation of the first of the

#### MILK AND DAIRY INSPECTION (ctd)

Total sales of pasteurized milk
Total sales of unpasteurized milk

Total sales of milk

Total sales of pasteurized cream
Total sales of unpasteurized cream
Total sales of unpasteurized cream
Total sales of cream

Total sales of cream

Total sales of cream

Total sales of cream

1,015,514 quarts of 98.8%
12,464

1.2%

Daily per capita consumption of milk 0.83 pints
Daily per capita consumption of cream 0.06 pints

Tests for butter fat were made on 445 samples of milk and cream offered for sale by rotailers and all were found to be above the required standard of 3.25%. The average butter fat content of milk offered for sale was 3.6% (Jersey Milk excepted)

The following table shows the work done in this branch!

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Totals
Inspection in country	67	78	86	92	96	112	71	64	102	67	73	99	1007
Inspections in city	19	30	40	43	58	46	52	61	56	57	106	89	657
Notices - written	14	18	15	m37	34	38	59	8	12	21	20	25	301
Notices - verbal	4	-	7	-	4	-	-	-	-	7	11	5	38
Licenses suspended	-	-	1	1	. 3	-	4	1	-	-	-	-	10
Dairyman's permits	289	-	3.	3	1	1	3	4	5	2	5	-	316
Milk Vendors permits	264	-	-	-	-	-	-	-	-	-	-	-	261
Cowkeepers permits	165	-	_	, 8	5	-	2	-	-	16	2	1	199
Pasteurizing plants	5	-	-	-	-	-	, –	-	-	-	-	-	5
Sediment tests	219	415	364	426	432	367	439	225	323	428	371	439	प्रमाप
Roductase tests	219	415	364	426	432	367	439	225	323	428	371	439	<b>141</b> 1118
Butter Fat tests	36	: 39	40	39	- 39	45	40	21	30	38	39	39	445
Samples taken	402	791	688	813	818	689	838	429	616	818	703	839	8444
Water samples taken	1	_	_	_	_	-	_	-	-	-	-	-	1

Mile fewirmsang to solve Latel 1,015,514 cours of 98,610. Tre, 190,5 . nauto Esto logical energ bus with to sergues the nothing over well got it say where (Farming Mills exception)

#### EDUCATIONAL

A very considerable amount of educational work has been done during the year, and for that matter a good deal more than is usual. The work in this regard is most exacting, and consists of lectures and talks in the many matters covered in a public health program. At the present time several groups of young women have banded together to form home nursing groups, and as a part of their instruction, it is necessary for them to cover the subject of communicable disease. Forty three such lectures have been given to these classes by the Medical Officer, and all of them in the evening. Numerous talks have also been given to Home and School Groups, Service Clubs, Young Peoples' Societies and the like, and have covered the many phases of communal service for which the Health Department is responsible. These have been given by the Medical Officers and Members of the Nursing Staff. The prescribed course of lectures in Public Health and Preventive Medicine as part of the curriculum laid down by the Senate of the University of Alberta for the Government of the training schools for nurses, was given by your Medical Officer at both the Holy Cross and General Hospitals.

#### OTHER DEPARTMENTS

A very considerable amount of work was undertaken for other departments throughout the year, and consisted of medical investigations, examinations, and in many instances including treatment. It appears that a goodly number of people have arrived at the conclusion that the Health Department is the mecca of all knowledge, and as the result we are expected to at once furnish solution for the many and varied problems presented to us. The Department is glad to be of the utmost service to the citizenry, but the calls are frequent and time-consuming, and have reached a point where at times, matters beyond the scope of duty, seriously interfere with the understood duties. Additional work, and relating to City affairs, was done for the Relief Department, the Police, the Street Railway and the Pension Fund. In passing it has been noted that other Departments in doing work for the Health Department, render accounts for such work, and the thought is expressed that if we rendered accounts for the work this Department does for others, and which is equally important in the field of City business, it might be we could equalize an amount that now shows as direct expenditure.

#### CONCLUSION

The Health Department is deeply appreciative of the constructive help, and the kindly advice and direction so unstintingly given during the year by the following:-

His Worship the Mayor, Commissioner and members of the City Council,

The Provincial Department of Health.

The members of the Calgary and Separate School Boards.

The Superintendent and staff of the Central Alberta Sanatorium.

The Superintendent and staff of the Provincial Mental Hospital, Ponoka

The Metropolitan Life Insurance Company.

The Calgary Tuberculosis Association (The Kinsmen's Club)

The Victorian Order of Nurses.

The Calgary General Hospital and staff.

The Calgary Medical Society.

The Calgary Daily Herald.

The Calgary Albertan.

The Radio Broadcasting Stations.

The Heads of the several departments in City service with whom we have been associated in the conduction of Civic affairs.

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the constitut, and here reached a point where it times, markers beyon the land to a cope and a serious that the second to a cope work, and released to Dick atlaste, was done for the Boll'd Japarenes, the Police, the Street Policy and the Panelor Tunds of panels; it and been noted attacked the later at conductive the first and the state of the attack of the represent the later before Torranch work, and the thought is represent that is no rentered accounts for won that canged as collars blues or of this it connected told to Ffort our . ou dingony enough an specie

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Finally the Medical Officer of Health wishes to express his heartfelt appreciation of the efficient and loyal manner in which the work of the Department has been carried on by each and every individual on his staff. The work in the Health Department has very markedly increased whereas the staff has remained the same in number. The spirit of co-operation and willingness with which the extra demands for service has been met, has been truly remarkable, and is signalled as being the prime factor in the completion of a most satisfactory year.

Respectfully submitted,

WILLIAM H. HILL, M.D. C.M. D.P.H. Medical Officer of Health, City of Calgary. district with a seriors of sachty signal to control feetbook and villants and and the control of the control of

Vital Statistics Tables in accordance with the form approved by The Canadian Public Health Association, follow:

VITAL STATISTICS REPORT

Population as shown by Dominion Government Census, June 1941 (revised) 88,904

Live Births 2747 Rate per 1,000 population 30.9

Stillbirths 61 Rate per 1,000 live births 22.2

Included in the above were 652 Non-Resident births and 15 Non-Resident Stills.

#### Table. No. 1

#### LIVE BIRTHS. 1939-1943

Year	Population	No.including Non-Resident		No. Residents Only	Rate per 1,000 Population
1943	88,904	2747	30.9	2095	23.6
1942	88,904	2556	28,8	1926	21.7
1941	87,264	2259	25.9	1729	19.8
1940	85,726	1926	22.5	1408	16.4
1939	85,726	1782	20.97	1249	14.57

#### Table. No. 2

#### STILLBIRTHS. 1939-1943

Year	Population	No.including Non-Resident			Rate per 1,000 Population
1943	88.904	61	0.69	46	0.52
1942	88.903	56	0.63	49	0.55
1941	87,264	55	0,63	42	0.48
1940	85,726	61	0.71	43	0.5
1939	85,726	48	0.56	34	0.4

#### MARRIAGES

Number performed in 1943 was 1766. Rate per 1,000 population was 19.9

#### DEATHS

From all causes a total of 1048 deaths were registered, being a rate of 11.8 per 1,000 population, including 258 deaths of Non-Residents.

(If based on a population of 93,312 (Ration Book Issue June 1943) the rate would be 11,2 per 1,000 population)

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Population as shown by Touchian Coverages, Jane 1941 (revised) 86,904 Live Effect (revised) 86,904 Eight Effect (revised) 86,904 Eight Effect (revised) 80,904 Eight Effect (revised) 80,904 Eight Effect (revised) 80,904 Eight Eig

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#### COLLEGE

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(if temed on a propulation of 93,312 (Betten Book Icens June 1943) the rete

MORTALITY RATE (exclusive of stillbirths) 1939-1943

Year	No. Deaths includ- ing Non-Residents		No. Residents Only	Rate per 1,000 Population
1943	10ħ8	11.8	790	8.9
1942	997	11.2	757	8,5
1941	957	11.0	726	8,3
1940	885	10,3	677	7.9
1939	858	10.1	647	7•55

Table, No. 4

## CHIEF CAUSES OF DEATH. 1941, 1942 and 1943 (total number including non-residents)

Abridge ional L	d Internat- ist No.				Rate p		
	Diseases of heart, arteries, and kidneys, including apoplexy	415	406	385	466.8	456.7	441.2
15	Cancer (all forms)	165	158	139	185.6	177.7	159.3
27	Pneumonia	45	41	41	50.6	46.1	47.0
42	Violent and accidental deaths	49	56	59	53.1	63.0	67.6
10. 11.	Tuberculosis (all forms)	7	10	9	7.9	11.2	10.3
18	Diabetes	9	9	11	10.1	10.1	12.6
g	Influenza	15	6	10	16.9	6.7	11.5
4, 5, 6	Communicable Diseases (other than Tuberculosis, pneumonia, and Influenza.	5	g	3	5.6	9.0	3.4
	All other causes	338	303	300	380.2	340.8	343.8
	Totals	1048	997	957	-	-	-

### ESCL-CTL (admittees to evicetonic) The YVIJATACA

Date per 1,000 Population	No. Repidents Only	Raws per 1,000 nertalen	Deaths tenlad- Non-Residents	Year No.
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6.8		9:21		
5.8				
7.9	44.0	10/3		
7.55	tud	10:1		eter

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## ONTER CATORES OF DEATH: 1964: 1962 and 1963 (Sotal number Locked number total and non-rouldents)

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		8,684	385		511	5. 53. Diseases of heart, arteries, and 2. 24. Midneys, tooluding apoplent	
15343	1774	189.6			'iss	15 Cancer (all Yords)	
0.54	1,84	80%6			id.	eluonoma is	
67.6	63,0	53.8	er.		e#	edinab-Largapitos ban inviolV 24	
10.3	II.2					Lit. Tuberculosis (ell forms)	
13,6		1,01		6.			
13.5	6.7	16.9	01				
14.5	0.0	3,6			₹.	2. 3. Communion le Idenames (other than 5. 6 Tubereuleste, poesmonis, and	S II is
345,6	3,046	55002				All other coues	
						rintol	

The Infant Mortality Rate for the municipality, including deaths of non-residents, is presented in the following table for this year and the preceding four years.

Table. No. 5

DEATHS OF INFANTS IN THE FIRST YEAR OF LIFE. 1939-1943 (total number, including non-residents)

	1943	1942	1941	1940	1939
Number of infant deaths	80	83	87	60	58
Rate per 1,000 live births	29.1	32.5	38.5	31.2	32.5

Number of deaths of non-residents included in above: 1943 - 18, 1942 - 23, 1941 - 22, 1940 - 11, 1939 - 15

## Table. No. 6 INFANT MORTALITY BY CAUSE OF DEATH. 1939-1943

	1943	1942	1941	1940	1939
1 Diarrhoea and enteritis	1	-	4	3	2
2 Pneumonia and influenza	10	18	g	9	9 .
3 Prematurity	26	22	31	18	17
4 Congenital debility and malformations	18	16	g	14	11
5 Injuries at birth	3	7	13	g	7
6 Acute communicable diseases (whooping cough, diphtheria, measles, scarlet fever, etc)	-	2	1	-	1
7 Other causes	22	18	22	g	11

Of the 80 infant deaths registered this year, 24 occurred within the first twenty-four hours, 21 within the first week, and 6 died being under one month of age, representing 63.8 per cent of the total number.

#### MATERNAL DEATHS

The number of deaths of mothers from puerperal causes was 6, including 2 deaths of non-residents. The rate for the municipality was 1.9 per 1,000 living births.

The Indeas Northelity Enter for the majetpelity, impleding deaths of rostresidents, is presented in the following table for this rost and the preceding four years.

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32.5	52.2	38.5	, 2,98	29,1,	Eate per 1,000 live births
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the SO intent deaths registered this year, St cooured within the little to the day of the course one total one first wast, and this in the course one representating 5% for cour of the total number.

#### SELECT PROBLEM

The menter of deaths of methers ford prorporal courses was 6, including 2 deaths of non-residence. The rate for the municipality for 1.5 per 1.500 living births.

Table. No. 7

MATERNAL MORTALITY (including non-residents) 1939-1943

Year	Live Births	Number of Maternal Deaths	Rate per 1,000 live births
1943	2747	6	2.2
1942	2556	11	4.3
1941	2259	7	3.1
1940	1926	g	4.15
1939	1782	7	3.93

Number of non-residents included in the above:

1943 - 2, 1942 - 2, 1941 - 3, 1940 - 3, and 1939 - 4.

Table. No. 8

CAUSES OF MATERNAL DEATHS 1943

	Number including non-residents	Residents only
Abortions (septic and non-septic	) 1	1
Puerperal toxaemias	2	
Puerperal sepsis	-	-
Other puerperal causes	3	3

#### CONT-SECT (atmoster or manufaction) YTHEATERN JAMESTAN

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From the following table the part played by certain causes is at once evident.

## COMMUNICABLE DISEASES (residents only)

#### REPORTED CASES AND DEATHS FROM COMMUNICABLE DISEASES 1943

	Cases M F		CasesDeaths O to 4 yrs				CasesDeaths 15 and over		CasesDeaths Totals	
Cer. Spinal Meningitis	-	-	_	1	-	-	-	-	-	1
Chickenpox	187	167	52	÷	291	-	11	-	354	-
Diphtheria	5	4	3	2	5	1	1	-	9	3
German Measles	19	14	6	-	25	-	2	-	33	-
Influenza	-	-	-	2	-	-	-	g	-	10/
Measles	326	361	226	-	405	-	56	-	687	-
Mumps	146	158	20	-	231	-	53	-	304	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	
Pneumonia (all forms)	-	-	-	4	-	1	-	25	-	30
Ant. Poliomyelitis	3	-	1	-	1	-	1	-	3	-
Puerperal Septicaemia	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	171	225	75	-	227	-	94	1	396	1
Septic Sore Throat	-	-	-	-	-	-	-	-	-	-
Smallpox	-	-	200-	-	-	-	-	-	-	_
Tuberculosis (all form	s) 11	14	-	-	2	-	23	4	25	4
Typhoid Fever	1	-	-	_	1	-	-	-	1	-
Undulant Fever	-	-	-	-	-	-	-	_	-	-
Whooping Cough	94	70	76	1	88	-	-	-	164	1
Encephalitis		-	-	-	-	-	-	1	-	1
TOTALS	963	1013	459	10	1276	2	241	39	1976	51

From the following table the part played by cert in causes is at once evident,

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# RAPCHERO CARRE AND DEATHS FRO . CONTURIORED DISPASSE 1945

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								1013		

#### IMMUNIZATION REPORT

#### DIPHTHERIA TOXOID:

Quantity distributed by local Health Department during 1943 was 2245. The number receiving the three doses in this Department was 1446. SMALLPOX VACCINE:

The total number of capilliary tubes distributed by the local Health Department was 1990. The total number vaccinated in this department was 369 SCARLET FEVER TOXIN:

Quantity distributed by the local Health Department was 886 The total number receiving the five doses in this department was 193. COMBINED SCARLET FEVER TOXIN AND DIPHTHERIA TOXOID:

The total number given the combined preventive treatment against scarlet fever and diphtheria was 86
PERTUSSIS VACCINE:

The total number given Pertussis Vaccine in this department was 163 and 27 Combined Pertussis Vaccine and Diphtheria Toxoid.

Table. No. 10

REPORTED CASES AND DEATHS FROM TUBERCULOSIS 1939-1943

Year	Cases	Number of deaths in City		Total deaths	Rate per 100,000 population
1943	31	7	6	13	14.6
1942	31	10	18	28	31.5
1941	11	5	9	14	16.0
1940	31	5	12	17	19.8
1939	19	9	12	21	24.5

Table. No. 11

REPORTED CASES AND DEATHS FROM SCARLET FEVER, DIPHTHERIA, WHOOPING- COUGH and MEASLES 1941 - 1943

	1943	Cases 1942	1941	1943	Deaths 1942	1941	Mortality Rate per 100,000 population 1943 1942 1941			
Scarlet Fever	396	695	252	1	1	1	1.1	1.1	1.2	
Diphtheria	9	17	5	3	5	2	3.4	5.6	2.3	
Whooping Cough	164	258	45	1	2	0	1,1	1.1		
Measles	687	314	1002	-	1	1	-	1.1	1.2	

Non-residents included in the above for 1943 were one death from Scarlet Fever, none from Diphtheria, Whooping Cough or Measles

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Mental Department was 1990, The total number vestisated in this department was 109

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8.6 2.3	2.5	27 5	
			Wieoping Cough

Non-residents included in the above for 1965 were one death from Scarl of Jever, none from Dichtheria, Whosping Couch or Messles

Table. No. 12

REPORTED CASES AND DEATHS FROM TYPHOID FEVER 1939-1943

Year	Cases (residents only)	Number of deaths, indluding deaths of non-residents	Rate per 100,000 population including non-residents.
1943	1	-	1,2
1942	-	-	-
1941	_	_	-
1940	-	- '	-
1939	1	1	1.2

Number of deaths of non-residents in the above for 1943 was Nil, 1942 Nil, 1941 Nil, 1940 Nil, and 1931 one.

# SERA AND VACCINE DISTRIBUTED

Diphtheria Antitoxin	, syringe package	s 20,000 units 5,000 1,000	23 29 21
Scarlet Fever Antito	xin, "	9,000 units	
Diphtheria Toxoid, pa			75 1897 40
и и	twelv	ersons e persons	41 886
Scarlet Fever Toxin, Dick Test Material	packages for one	person	77
Schick Test Material Smallpox Vaccine, ca	pilliary tubes		1990
Typhoid and Paratyph Pertussis Vaccine, 6	oid Vaccine 15 cc	vials	55 712
Pertussis Vaccine & Gas Gangrene Antitox	Diphtheria Toxoid	. for one only	19
Tetanus Antitoxin, 1 Staphylococcus Toxoi	,500 units		16 59

The above mentioned material is supplied by the Provincial Department of Health, Edmonton. All are products of the Connaught Laboratories. University of Toronto. Toronto.

# Table, No. 12

# PAGE-OFFE PERMS GIONNY WAY SHOUND GHA CZEAO GERSCOM

	1	1941
		Tomor
		1939

Minder of deaths of non-residents in the above for 1963 was 191, 1962 Not 1991 total and 1991 can.

### INTERIORIC MIDDAY COA LENS

Interivery of the little and the products of the Provinced the Decision and products of the Consecutive of Toronto, Toro

#### CAUSES OF DEATH

In accordance with the recommended practice the causes of death are presented, using the Abridged International List as follows:

#### ABRIDGED INTERNATIONAL LIST OF CAUSES OF DEATH

(revision of 1929)		
Abridged	Number of	Number
Int.List Disease	deaths in-	
Number.	cluding Non-	only.
	Residents	
1 Typhoid and Paratyphoid Fever		-
3 Smallpox		-
4 Measles		-
5 Scarlet Fever		-
6 Whooping Cough	The state of the s	1 7
7 Diphtheria		3
8 Influenza		10
10 Tuberculosis of the respiratory system		4
11 Other forms of tuberculosis		-
12 Syphilis		2
14 Other infections and parasitic diseases	- 9	6
15 Cancer and other malignant tumors		121
6 Tumors - non-malignant tumors	6	3
17 Chronic Rheumatism and Gout	6	5
L8 Diabetes mellitus	9	7
19 Alcoholism (acute and chronic)		1
20 Other general diseases and chronic poisonings	34	24
21 Progressive locomotor ataxia and general paralysis of		-
22 Cerebral hemorrhage, cerebral embolism and thrombosis	16	13
23 Other diseases of the nervous system and of the		
organs of special sense	13	10
24 Diseases of the heart	159	122
25 Other diseases of the circulatory system	212	176
26 Bronchitis		3
27 Pneumonia		30
28 Other diseases of the respiratory system, tuberculosi	s excepted 21	15
29 Diarrhoea and enteritis		5
30 Appendicitis	17	11
Il Diseases of the liver and biliary passages	15	11
32 Other diseases of the digestive system	36	21
33 Nephritis		20
34 Other diseases of the genito-urinary system	19	12
55 Puerperal septicaemia		-
of Other diseases of pregnancy, childbirth and the puerp	eral state 6	4
37 Diseases of the skin, bones and organs of locomotion	. 5	4
38 Congenital debility and malformations, premature birt	h. etc 58	46
39 Senility	7-	56
40 Suicide		9
41 Homicide	_	-
42 Violent or accidental deaths (suicide and homicide ex	cepted) 49	33
43 Cause of death not specified or ill-defined	3	2
	1048	790
	2010	

SBAT! Congentent debilists and malrosmerical, remains birth, etc. of inland blob on hon office) ertest femoniose to quelott

# CAUSES OF DEATH BY AGE AND SEX (gross) 1943

	Males	Females	under 24 hours	under one year	1 to 4 years	5 to 19 years	20 to 39 years	40 to 59 years	,60 and over	Totals
1 Infections and parasitic diseases	21	18	-	5	5	4	5	7	13	39
2 Cancer and other tumors	87	84	-	-	-	-	7	61	103	171
Rheumatism, diseases of nutrition and general diseases	16	21	-	1	1	2	12	10	11	37
4 Diseases of the blood and of blood forming organisms	5	7	-	-	-	1	1	9	3	12
5 Chronic poisonings and intoxications	1	-	-	-	-	-	-	1	-	1
6 Diseases of the nervous system and organs of special sense	24	5	-	2	2	1	2	7	15	29
7 Diseases of the circulatory system	222	149	-	2	-	2	8	83	276	371
8 Diseases of the respiratory system	48	22	-	9	3	4	- 4	11	39	70
9 Diseases of the digestive system	42	31	-	2	2	4	12	26	27	73
10 Diseases of the genito urinary system	m 29	18	-	1	-	3	1	12	30	47
Diseases of pregnancy, childbirth an	d -	6	-	-	-	-	5	1	-	6
12 Diseases of the skin and cellular ti	ssue	1 -	-	-	-	-	1	-	-	1
Diseases of the bones and of the organs of llcomotion	4	-	-	-	-	-	-	1	3	4
14 Congenital malformations	9	6	5	g	-	1	1	-	-	15
15 Senility	34	33	-	-	-	-	-	-	67	67
16 Violent or accidental deaths	717	15	-	2	-	2	16	15	24	59
17 Ill-defined causes of death	2	1	-	-	1	-	1	-	1	3
Totals	612	436	24	56	14	24	76	242	612	1048

Totale		go to 56 heats	SO to 33 years		T co + Seste	лист оне двах	migst se ponts		Section .	
				4				BE.		' accessib officers bas accessed I
										2 Cancer and other tumore
			3.2							Besmetten discases of nutrition
										Diseases of the blood and of blood
										5 Unionto poisonings and invested the
			8 :							Corena of special neares
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07	29					. 8		SS		E Diseases of the rear rear areses.
	12									9 Diseases of the diseasire system
										10 Diseases of the conits spinory eyete
										Diseases of pregnancy, children's an
1				-						
										Diseases of the best out of
										the Congenital maintains in the
										15 Sentlity
								5-1		16 Vicient or encidental deaths.
	1									
	612						45			wistor,

# COMMUNICABLE DISEASES REPORTED 1943

	Jan	Feb	Mar	Apl	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Total
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	2	-	-	-	2	-	5	-	-	-	9
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	1	-	-	-	1
Scarlet Fever	38	18	38	28	35	62	35	18	21	31	36	36	396
Measles	7	7	97	167	245	121	22	12	2	1	3	3	687
German Measles	. 2	-	3	4	9	6	2	-	1	2	4	-	33
Mumps	18	12	27	17	44	.14	24	26	6	24	149	43	304
Chickenpox	10	12	g	9	11	19	10	9	4	17	147	98	354
Erysipelas	1	1	-	-	-	_	-	_	-	-	-	-	2
Whooping Cough	15	26	18	28	33	13	9	5	9	4	3	1	164
Pul. Tuberculosis	-	-	6	5	1	-	2	1	··· 1	2	- 3	4	25
Cer. Spinal Meningitis	-	-	-	-	-	-	-	_	_	_	-	-	-
Ant. Poliomyelitis	-	_	-	-	-	-	_	2	1	-	١_	-	3
Lethargica Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Undulant Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals	91	76	199	258	378	235	106	73	51	81	245	185	1978

Not included in the above were the following cases cared for in Calgary Hospitals but originating out-of-town.

Scarlet Fever Pul. Tuberculosis Paratyphoid Fever	32 1 1	Typhoid Fever Measles	1
raracyphora rever	-		

# THE RESIDENCE METALER BY MANAGEMENT

						4.0					
		da E		Iqu	May						Into
Reglieve											
		_				-	3				
Typhoid Fever		-									
Paretyphote Payor											
Zayelpeles											
Managine Congo											
Pol. Teberculous											
Cor. Spinal Meningitie										-	
Sething and Tangerellis											
Vodula E Ferer				-							
25.501											
Wet included in the above were the following cases cared for is Calcary Englished											
Tanala Perent											

Scarlet Fever

Proposit Fever

W. H. Hill. Esq., M.D. C.M. D.P.H., Medical Officer of Health. City of Calgary. Alberta.

Dear Doctor Hill:

I beg to submit the following report of work done in the Calgary Schools for the year 1943.

	Examinations made.	No. referred T to F. Physician	reatments
Number of children examined	5228	1056	
Special cases	1504	235	
Number found not vaccinated	2836		
Malnutrition	518	37	5
Number 7 to 10% underweight	630		
Obesity	37	5	5
Anaemia	123	10	4
Enlarged glands	41	4	3
Enlarged thyroid	5	5	1
Nervous disorders	5 3	4 5 3 7	3
Chorea	12		7
Cardiac disturbance	47	g	8
Pulmonary disease	11	11	5
Skin diseases: Ringworm	3	3	54 31 37 8 53 15 53
Impetigo	15		15
Scabies	5		- 5
Miscellaneous	15 5 3 10		)
Digestive disturbances	10	710	200
Defective vision	356	312	299
Other eye defects	2	18	2
Defective hearing: Otitis	24	6	15
Wax	384	384	128
Enlarged tonsils and adenoids		428	110
Moderately enlarged tonsils and adenoi	2	450	
Epistaxis	19	9	9
Hernia Genital defects: Phimosis	28	16	9
Cryptorchid	14	7	3
Varicocele	4	i	9 9 3 1
Dysmenorrhoea	2	2	1
Orthopedic defects: Claw foot	1		
Cystic Femur	1		
Osteomyelitis	1	1	1
Infantile Paralysi	is 3		UE VEG
Spastic	1	1	1
Spina Bifida	1		
Kidney disorder	2		
Epilepsey	1	.,	-
Unclassified medical	6	6	2
Minor surgery	7	(	1
Fractures	8	8	0
Number found to be O.K	2129		
Number who have received Diphtheria To	oxo1d 2329		
Number of parents invited	1125		
Number of parents who attended	1314		

Dony Doctor Hills College Schools for the rear Last. T:. Discontinuo di aprila antico Orthogodae dan beter inclose bellinesical

The long summer holiday interfered with our routine work. Last September appointments were made for a number of examinations of the beginners at the City Hall but the response was not so good as when these examinations were made in the schools. All Spring, Dr. E.B.Roach continued to give an hour of his time in the schools but in September Dr. A. C. Cooper Johnston returned to service in the Health Department on full time after his discharge from the Army.

There were no changes in the nursing staff throughout the year.

A few cases of diphtheria occurred and there were 3 deaths. There were 2 cases in March, 2 in July and 5 in September. This served to bring increased attention to the value of preventive inoculation.

Scarlet Fever was moderately prevalent all year, averaging about 35 cases a month.

Measles was prevalent in the Spring months reaching a peak of 245 cases in May. Mumps and chickenpox have continued to appear all year, averaging about 30 cases a month.

There were a few cases of whooping cough in the Spring of the year. A peak of 33 cases in May was reached and it gradually dropped to 1 case in December. There were but 3 cases of infantile paralysis in the City last year. Thanks to the new Kenny treatment they all made a good recovery.

There has been a better response to recommendations for treatment for various-defects this year, probably due to better financial conditions. The number of recorded tonsil and adenoid operations is small inproportion to the number for whom treatment was advised, but I know we do not get an accurate account of all these operations. The children move about from school to school and make it very difficult for the nurses to get accurate counts, particularly as some months or years usually elapse before the operation is actually performed. Acute conditions all receive treatment. Sometimes this is arranged for through the department if the people have no family physician.

In the late Spring 502 vaccinations against smallpox were performed in the schools and 350 children were give the three inoculations of diphtheria toxoid.

We now have 2336 children out of 5228 examined who are not yet vaccinated. This is a reduction to 44% as compared with 54.2% in 1942. The number who have been inoculated against diphtheria is 44.5% We hope to increase these figures much higher in the Spring of 1944.

Free glasses were supplied by the department to 66 needy school children.

Approximately 680 school children were given a free issue of half a pint of milk each school day during the winter months.

Of the 5228 children give a physical examination, 518 or 9.9% were 10% or more underweight for their age and height. This is an improvement over the percentage in 1942 which was 10.4%. Another 630 or 12.05% were between 7 and 10% underweight. This also is an improvement over the percentage in 1942 which was 13.1% and over that of 1941 which was 14.6%.

Teachers, nurses and the department physicians have stressed properly balanced meals and observance of health rules for years, and though progress is slow I am pleased to report that it is none the less evident. Most parents have a general knowledge of what constitutes a proper meal and most of them strive to attain it. We have been emphasizing a hot cereal for breakfast and the more general use of whole wheat bread to secure a greater amount of vitamin B in the daily diet. Raw green or yellow vegetables are also being stressed to increase the amount of vitamin C. Anaemia is frequently met, especially in growing girls.

. . The long sommer holiday interfered with qur nouting work, hert September and appointments overs made for a municipal sections of the constant overs and the constant overs and the link link two read one and the link link that the response out to the constant overs and the link link that the response out to the link link links were not at the link links. the Schools, All Sories, in M.S. Mosco, cartened to give as look of the fine the time of the first in the schools but to be the first schools but to be the service to be the schools but the school but the Trany out fund yours That anisans of al source on greet breet. Affew cases of diphinaria observed and clare ware a decise, There were 2 come to the value of preventive inschanges all your, averaging about 15 cases a Monales was prevalent to the Brethe dontin resulting a post of 2-5 course to Mar. to know A giret all to notice out the duron nationals to seems wet a staw gradi cased in May sens teached and it created willist dropped well come in whoch at beared tovoler body a aban lie year theathest their wer off refraction of of diffusional fixes at enotioning blooming the first bedraper these appraises, the oblidges now a bore that worked to tencol and water to months of the reare uncally stages before the apprecion is retently partorned. In the late Syrtain 502 reactantions erains analysis were performed in the The and lave 250 and the company of 500 exerting was are not yet van intend. The own town of the angle of the company are company to the company of the comp Free clares were and lied by the department to be coming and or littles. Authoritation of the collection were then a free that a being of help a plat of of the 5228 and lares give a physical exact attor, 518 or 5.35 were 100 or eds town the tot the et chil . Miled has een their tot richtweehon eres percentage in 1942 which was 10, by Another 610 or 12,075 were between 7 and And and I saw hor w I well to sade town her diet and dating becaused wheegong because svan sunctioned great made out has essent terest a west strateg tack, trebive weel out some at it tack troper of bescale as general incorrate of what consentents a proper ment and now to the the pernes of E clustry to tautes totably a supple of board dandy alone to our farming conviced of descents point only one saidate or welley to heary well with the the emount of vitagets of treesenting act, especially to treese add

The routine use of liver omce or twice a week is frequently quite sufficient to cure this without further medication, coupled with a generous use of green vegetables. Of the children examined 2.3% were anaemic.

The number of cases of cardiac disturbance was 47. This works out to a percentage of 0.9% as compared with 1.14% in 1942. The prolonged rest in bed of cases of endocarditis, six months or more, is very beneficial. I have followed a number of these cases which had dilated hearts with well marked murmurs during the acute stages. A year later the hearts were so improved as to have almost passed as normal.

We still have a large number of children needing adenoid and tonsil operations. Financial troubles cause many delays in treatment. This winter more of these operations have been done but many are still long overdue. 7.2% were in urgent need of tonsil and adenoid operations.

A number of children/have been exposed to tuberculosis in some way or another were given a complete check up at the Provincial Chest Clinic which is conducted in co-operation with the department. There are three cases under close observation but no active cases were found.

The Behaviour Clinic has also proved of assistance in giving advice to the parents of some problem children.

The number with defective hearing remains about the same. The percentage was 0.8%. The special class for the very deaf children is doing good work in teaching lip reading and making it possible for these handicapped children to pass their grades.

88.5% of the parents invited to attend the physical examinations of their children did so. This speaks well for the interest and cooperation we secure and is of great aid in impressing on them the importance of correct dietary habits. The number 100 be 0.K is 40.7%. This is no better, in fact a little worse, than the percentage for 1942 which was 41.5%. Apparently there is still much to be done before we secure absolute health in our school populations.

We were fortunate in having no changes in the staff of the Dental Clinic in 1943. There were three dentists on full time (5 days per week). However, the long summer holiday, three and a half months, seriously interfered with the appointments and there was a reduction in the amount of work done. It is difficult to have appointments kept that are made far in advance. The shifting population during the holidays also added to the difficulty. With schools closed it was often impossible to check up on missed appointments.

InSeptember a new programme of inspection for grades one and two was inaugurated. Now all children from these grades are sent to the clinic where a more detailed inspection is possible. Those needing treatment are cared for at this time and those with no defects are sent back to school. The parent is usually present and this makes it possible for the dentist to discuss any problems concerning the child's teeth with a responsible person.

The scheme of making some appointments for Saturday morning instead of in the Summer holidays was fairly successful but not sufficiently so as to make a change to that system highly desirable.

The number of children whose teeth were inspected was 7525 as compared with 12413 in 1942. However, approximately an additional thousand of pupils in grades one and two came to the Clinic for inspection and are not included in the figure given above.

. 180 The august of cases of cardise distribute was \$7. This works out to a second case of a second case in the perconduct of to year flow data without bestelling to do to be pend to party at bewollet nutmure during the soute stores. A year Tates the hearts were to improved at to-.In you as beensy fromis aven w offered france but blombs unitsed derbitde to red the earst a synd filte all " esont to over mainly sint transfers in transfers this white sove aniforst fatament Jacon al crew dell amortero and liles ern your tod ench need evad anotheredo . vaciseraco bioseks has linned to been al dalas statio seed latarivers and to go meeds etelemon a nevia brew redicte conducted in co-operation with the department, There are three cases ander . Man's ever aband svisos on soc nollevisade andia the number with defective heering account the color with percentage was O. 89. The appoint older to very dear tolidated is doing cool work in · .websty rient asset the profession in the parent of the parent expension and to act the expects of collegeous and facility the tateless and cooperation ve accura wittle a four ni greated on si sher . Of ou si E.C ad 65 Tradmin only astidan worse, than the percentage for 1942 which was 41.7. inverently there is still much to be some neters we secure absolute health in our school populations. at sintil fatned sat to that said at we need on antived at execution been all and revoved , (were reg syste?) entrilled no essioned sound ever west E491 and drive bevelvetal viewelten, and no lost a bas early , walting temans pool mail it and appearing of the state of a tent state of the contract of the cont propries dark, vilualities and of babbs only evaluated and relatinged . . shendalough hesels no on mound of elalescent netto any of hereig -erowant and out has one ashing not solftowent to semergory went a reductional brom a crock bidile one of from one schern egent nort needline lis wol wher detailed Tamped ton to borne out tries treates to the total tors of the total out of the to Times of theres and license of Mone true one thoulet on him each bus exit that to bentant autorom vabrated to reducibliatorys ence antion to execuse and . . ofderson winted meters tail of synans the figure civin above.

The total number treated was 9596 which is a few more than the number treated in 1942.

The number of completed cases dropped from 6518 in 1942 to 4964 in 1943. This is a serious drop as partially completed cases go on to greater defects later.

The percentage found to be O.K is 22.6%. The prevention of tooth decay is still very ineffectual.

Respectfully submitted,

GERALDINE OAKLEY. M. D.

Asst. Medical Officer of Health.

· ... The form motion treesed bear 3075 which he was more than the make SAPE OF BEHIND out with at the at the at the ball of the same of the same bereigned to health at the same 150 63 of the Mandager to noth overly off . This is A.D. of or bare? equivalently ext . In the Frent trey Little Asset Lados to Late Squeen A M. CONTRACTOR CONTRACTOR Agent Redton Critices of Healthy

# REPORT OF INFANT AND PRE-SCHOOL CLINIC FOR, 1943.

#### ROUTINE OF WORK. 1.

1. Cards made out at birth registration to follow through school age.

2. Invitations to attend Infant Clinic sent to mothers.

3. Questionnaire sent to family physician concerning birth and home conditions.

4. Where home conditions are considered inadequate, families are visited by clinic nurses, and advised of Infant Clinic.

5. All families attending clinic, are visited by clinic nurses, and kept in touch with periodically.

6. At six months, notices are sent to all births registered, re-

advisability of obtaining Diphtheria Toxoid.

7. After three years, a special appointment is made for every child to be given a complete physical examination. Where defects are found among those in poor circumstances, the case is followed up by a clinic nurse.

### CLINICS.

Clinics are held four afternoons a week with doctor in attendance. One afternoon, with nurses only.

### ATTENDANCE.

Infants 7,236
Pre-School 2,376
Total 9,612 New Cases 1,725.

Present roll -

Infants 2,363 Pre-School 4,308 Total 6,671

3,651 Infants were examined by Dr. Roach.

1,016 Complete physical examinations were given by all doctors to Pre-School children. (450 of these were 0.K. and 457 missed appointments.)

In addition doctors gave 311 short interviews to Pre-School children.

Nurses interviewed -

Infants 3,585 - Pre-School 1,054 - Total 4,639.

#### INFECTIOUS DISEASES

Infectious diseases found at Clinic - Measles 1 Rubella 1

## IMMUNIZATION

Inoculations and Vaccinations completed.

Diphtheria Scarlet Fever Pertussis Vaccination	1,192 ) 189 ) 180 ) 137 )	These have been done either in the Health Department, or by private physician.
Typhoid Fever	4)	

depoted to first at notification at the two sheet of the school age. It is all the control of the south to the testion of the section of t Quarticonnaire quat to family physician concerning birth at I have to the personal forth tages and another cond another ad all I duedal the heartes one powers states to contain one res plaife of holisty see estations therete assisses ill and knyt in court with periodically.
At air months, netices and and bisthe rogistered, adviseDillty of obtaining Physosiaria Foxoid.
After througeness a special appointment to said for over acult addingings leading professo s nevis of of birds defects are found unone those in pear circumstance, the Citarios are bold four attendent a week with doctor in attendance. One atternoom, with nurses only. Prosent roll -Complete physical examinations were fiven by and decrease to Pre-School onlinens (450 of thiss ways C.L. and 4) hozbilito Intents 3,585 - Pressoner 1,054 - Total 4,639.

21 paid hospital fee only 8 were done free of charge

after investigation.

\$310.00 was collected through Clinic.)

Report of	Infant and	Pre-School	Clinic for 1943	- cont'd.
more where notes more broken	named Street Street Street or			name of the other party

VISITS	Visits	to	homes	Ъy	Clinic	Nurses,	including	calls
	not for	ind		-		3,500.		

FEEDING	Breast Mixed	875 2,009	Bottle Other	1,815

DEFECTS FOUND		Infant	s Pre-School
	Adenoids	5	180
	Anaemia	12	20
	Cardiac Disturbance	A WAR DON	11
	Conjenital Malformation	6	2
	Diarrhoea	72	
	Ears	27	30
	Eczema	50	15
	Eyes	50	15 56
	Glands	7	28
	Hernia	55	4
	Impetigo	8	10
	Malnutrition	2	27
	Mouth	11	
	Nervous Disorders		4
	Mentally Deficient	1	2
	Nose	3	8 4 2 4
	Orthopedic	3	14
	Phimosis	101	28
		1	
	Rickets	-	14
	Ringworm	1	1 14 14
	Scabies	41	40
	Other skin conditions		
	Thrush	5	690
	Teeth	g	366
	Tonsils	76	
	Other conditions	76	75
DEATHS	Infants -	6	
DESIGNATION OF DELIVATE	Infants	15	
REFERRED TO PRIVATE		88	
PHYSICIAN	Pre-School Tot	and the same of th	
	100	al 10)	
DENTAL CLINICS	Dr. Upton treated	253 543	
-	School dentists treated	543	
	Tot		
	Ammaintments not bent	139	
	Appointments not kept	1))	
THE PAR MOCE AND	Operations:		
EYE, EAR, NOSE AND	Tonsils & adenoids	88	(Of these:-
muncam	TOURITS & SUCHOLOR	00	59 paid full fee of \$10.00
THROAT			21 maid hospital fee only

- Electron about a long to part and toget to traces. Tenterto Bonestry Clinic Darge estantial 0.00 - 1 Secure. . THEFT PROTE bowill-. China score otopical. Des vision line Legiste app. BINSEPHE . policeof. - W agantal Artests noted are Labert ! Jour Son a tanget Court . seed and Charles HAR LEVE -loseda (0) '88 PARAM'S Suronch Clinical

Report of Infant and Pre-School Clinic, 1943 - cont'd. 29.

EYE, EAR, NOSE AND Treatments:-

THROAT (Cont'd.) Eye 771
Ear 355

Nose and Throat 17

Refractions for glasses 40

PRE-NATAL Number of letters sent from Clinic 6.

DONATIONS Cod Liver Oil, clothes, layettes, glasses, etc. from the

Good Cheer Club.

Cod Liver Oil from the American Womens! Club.

Cod Liver Oil and Infant foods from various Infant Food

Companies.

Woollen clothes and bedding from Hounsfield Heights Club.

Clothes and Christmas toys from Dorcas Club for Pre-

school children.

Literature from Metropolitan Life Assurance Company.

PUPIL NURSES. Two nurses from the General Hospital and three nurses from

the Holy Cross Hospital, each completed two months

instruction and observation.

Four nurses from the University Hospital completed two

weeks each.

Six student groups (20 each) attended the clinic for

observation and instruction.

BABY SHELTERS. There were 108 visits made to Baby Shelters during the

year, 1943.

M. F. LAVELL, R.N.
Nurse-in-charge,
INFANT AND PRE-SCHOOL CLINIC.

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Dr. W. H. Hill, M.D. C. M., Medical Officer of Health, City of Calgary.

Dear Doctor Hill:

I respectfully submit report covering the year 1943 and in connection with the work done at the City Hall Chest Clinic.

Clinics held	45
Patients examined	338
Adults examined	288
Children examined	50
X-Rays	326
Positive O, T.	158
Negative O. T.	327
Home visits	780
	171
Co-operative visits	
Office calls	271
Patients under observation	38
Positive cases found	24

During the above-mentioned year we held 45 clinics at which 288 adults and 50 children were examined and diagnosed. Of these 326 were X-rayed. Where necessary these patients were followed up by the usual social service work as the result of which 780 home visits were made including 171 additional visits which are classified as co-operative.

Every six months we give the Tuberculin Test to all nurses at the General Hospital which brings the total Tuberculin Tests to 485; of these 158 were positive and 327 negative. These figures include tests given to the general public and the staff of the United Grain Growers Association.

The work has been greatly facilitated by the continued co-operation of the local doctors and is becoming better known and increasing steadily. The splendid co-operation existing between the Sanatorium staff and the Public Health Department and the Clinic is most gratifying. I am greatly indebted to them for their continued assistance which has been so freely given.

Home conditions have greatly improved due to more employment amongst the patients. I have had splendid co-operation from the Selective Service in placing patients in positions where they can carry on according to their disabilities.

Unfortunately I was compelled to take three months leave-of-absence during the months of December, January and February, but was very fortunate in securing the services of Mrs. B. Lunam who carried on the work very satisfactorly.

I am delighted at the presentation of the Mobile Unit to the Province which will greatly facilitate the work and am looking forward with great anticipation to the work that it will cover in the Province. During the month of December, preliminary work was carried out to make arrangements for X-ray work in this connection.

NEW EXAMINATIONS	Number	Contacts
1. Tuberculosis - Pul. Active Inactive	9 9	5 2

and the state of the state of Medical Officer of Fostine Birs of Calmary. work done of the city iddl Theer Clare. 8 4 Dentarro Gineling. The First Control of the Pout tive C. H. . O switcown Destroy the above-Activate to the state of t Involving TVI vintended) about every address being Car do bis to signer and an . If areas to de la live at a delive of take, Lesected and the secrete the of the allegereday one will be united at the provider of the control of the provider of the control of the contr out to notiferious or burnition and an areas at the title of most and drop on off the seasons and the country bested before and the except the country of the c spleadld on the thirty spleaded and market and the Pentles and the Poblic English Duport sent and the Citate is and creativent I an growtly indebted odf isjoons farmfolges over or one bevergal vises's even shottimes onen notioning I now had splondid co-operation from the Salective Cerrico to .weittlidmeth partito ecacefacio-erradi retron count and of bellegion and I plotabultical the months of Doceaber, Jersey and Johnsey, hit was very fortunate in security do the appropriate of the particular of the posterior of the burdanted ma I -angeline that him the freshed and feel me bee they one attent alcher title tion to the work that it will cover in the Province: Buries the south of December, prolingent work our decreed for the make orrespondent or Largy work in this wonder! on. Today! STOTESTICAL NEW eviled .int - alsolopmont ...

City Hall Ch	est Clini Brought		1943 cont	;1d. 31.
New Examinations (cont'd.	Brought	Torward	Number	Contacts
1. Non-Pulmonary - inactive Ex-San. inactive			1 5	1
2. Suspect or observation 3. Non-Tuberculous Disease 4. No Disease 5. Incomplete or undiagnosed			29 62 120 3	14 5 41
			238	68
RE-EXAMINATIONS				
Able to work - working not working			16 1	1
Unable to work - not working Able to work - working not working			28	15 1
Others - working not working			74	2
2. Non-Pulmonary Tuberculosis				
3. Suspect or observation			13	4
4. Non-Tuberculous Disease			22	5
5. No Disease			42	20
6. Incomplete or undiagnosed (Not cla-ssified			5	11
	Total		137	64
	Grand to	otal _	375	132
DISPOSITION OF PREVIOUS SUSPECTS.				
Definite T. B. Suspect Non-Tuberculous No Disease			2 15 5 11 33	
NUMBER OF TESTS AND X-RAYS.  Total Tuberculin tests  Positive Negative	108)		217	
No Report Total X-Rays Number Sputum Tests Positive	9)		326 30.	
Negative No report	5) 22) 3 )			H.B. ACTON, R.N. Nurse in charge, CHEST CLINIC.

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W. H. Hill. Esq., M.D. C.M. D.P.H. Medical Officer of Health. City of Calgary.

#### Dear Doctor Hill:

The work of the Guidance (Mental Hygiene) Clinic was carried on regularly during the year 1943. Eighteen clinics were held during the year. Dr. R. R. McLean, Superintendent of Mental Institutions in Alberta, attended eleven of the clinics and Dr. T. C. Michie, Asst. Superintendent of the Provincial Mental Hospital at Ponoka, attended seven.

At the Calgary Clinics, eighty-six new cases were examined - an increase of fourteen over the previous year. Thirty additional cases were re-examined and given further advice, and there were eighty adults interviewed concerning patients in the Provincial Mental Institutions.

During 1943 the Social Worker made 524 home visits, school visits and office interviews. This is a drop of 104 from last year, which can be explained by the fact that the Social Worker spent half-time away from Calgary assisting with psychological and Eugenics Board work at the Provincial Mental Hospital, and attending clinics in other parts of the Province. Last year she spent about one-quarter of her time elsewhere. The total volume of work done at the Calgary centre shows a drop of 14% from that of 1942.

We would like to take this opportunity to express our appreciation of the assistance given to the Guidance Clinic by the Health Department of the City of Calgary, especially the staff of the Pre-School Clinic, who made Clinic appointments when the Social Worker was away from the Calgary centre.

A more detailed analysis of the new cases examined during 1943 appears below, and is compared with the figures for 1942.

#### AGE AND SEX CLASSIFICATION OF NEW CASES.

Salver Schulzung	Males			ales	Totals	
	1942	1943	1942	1942	1942	1943
one month to 9 years	20	25	7	10	27	35
10 years to 19 years	12	16	16	19	28	35
20 years to 29 years	3	3	3	4	6	7
30 years to 39 years	2	-	5	4	1	4
40 to 49 years	-	-	2	7	2	TT.
50 years and over		1		1:2		7
Totals:	37	45	_55	41	15	- 60

### CLASSIFICATION OF MENTAL DEFECTIVES AMONG THE NEW CASES

	Ma	Males		Females		tals
	1942	1943	1942	1943	1942	1943
Idiot (I.Q approx 1 to 25) Imbecile (I.Q 26 to 50)	2	3	1 2	4	3	7
Moron (I.Q 51 to 75) Callification not determined	7 2	1	1	1		_ 5
Totals:	12	20		14	20	34

W. H. Hill, Seq., N.D. C.H. D.F.H. Hedden Officer of Health.

Deer Doscor Hills

The work of the Guidance (Heatel Hygiane) Clinic was carried on considerly during the year 1943. Elabtesh clinic were held during the year, Dr. R. McLean, Squerictendent of Mental Institutions in Alverta, attended eleven of the clinics and Dr. T. C. Michie, Asst. Superintendent of the Provincial Mental Hospital at Poncies, attended seven.

At the Calcary Citities, eighty-six yes deces were exacted - an increme of today and today on the previous year, Thirty additional cases year re-examined and given further advice, and there were eighty adults interviewed concerning patients in the Freviotel Mental Institutions,

Daring 1943 the Social Vorier ands 524 hope whate, school wists and office interviews. This is a drop of 104 from last year, which can be explained by the fact that the Social Worker spent helf-time news from Calency assisting with perchapited and Euceplan Board work at the Provincial Hensel Hopeinia. And attending obtained in other parts of the Prevince, last year she spent appear of her time elements. The total volume of work done at the Calency centre shows a drop of 185 from that of 1952.

We would like to take this opportunity to express our appreciation of the assistance fiven to the Guidance Citate by the Health Department of the Citate of the Cohool Citate, who make Citate appointments when the Southl Verter was away from the Calcary dentity.

A more detailed analysis of the new cases during lots appears below.

## AGE AND WELL OF MOLITAGE STREET ON THE CHARGE.

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16 .19	12 . 16	10 years to 19 years
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## CREAD MEN ENT ONOMA SHVITOFTHU MATHEM TO HOLVADIVISBATO

			SHEE	1942		
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11					(.Q 25 to 50) 51 to 75)	
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CLASSIFICATION OF NEW CASES ACCORDING	TO MA	JOR TYPE	OF PRO	BLEM		)
	Pre-	School month	School 7 yes	l age		years
	too	years	18 Ae	ars.	and	over
	1942	1943	1942	1943	1942	1943
Backward in school	-	-	9	4	-	-
Behavious problem including theft	-	-	13	13	-	-
Sex delinquency	-	-	2	1	2	-
Epilepsy	-	1	1	1	1	2
Psychosis, Psychoneurosis and	4			2	4	8
Psychopathic personality Mental deficiency:	-	_	-	-	7	0
General retardation	5	13	11	12	_	_
Behaviour problem including theft	_	-	1	2	_	_
Sex delinquency	_	-	_	_	1	-
Epilepsy	1	1	1	2	-	-
Psychosis	-	-	-	1	-	1
Physical defect	-	-	-	-	1	2 4
Other conditions	8	_6	_ 2	10	_9	4
	14	21	40	48	18	17
AGENCIES REFERRING NEW CASES TO CLINI	C					
			1942	19	943	
Doctors			22	3	g	
School Principals and Teachers			14	7.6	8	
Children's Aid Department			12		.1	
Clinics			6.		7	
School Nurses			4	1	13	
Provincial Child Welfare Departme	ent		3 5	,	1	
Parents, Relatives, Friends Patient himself			3		1	
Children's Institutions			í		5	
Other agencies			2		5	
			72	-	36	
				_		
MAJOR RECOMMENDATIONS REGARDING NEW C	LINIC	CASES				
Admission to a Provincial Mental Hosp	oital		3		6	
Admission to Provincial Training Scho	ool				. 1	
for Mental Defectives			7		14	
Treatment by own doctor or other clir			8		11	
Treatment givens, including direct tre	eatment		,		0	
for epilepsy			1		2	
Continue home, school, or institution		. 6	13	1		
Modified school program, special class vocational training	S OF		6		6	
Change in home routine, care or disci	pline		11		4	
More social contacts, wider interests			1		1	
Return to Clinic for further examinat			10	1:	2	
			1,		7	

Respectfully submitted,

KATHLEENE COLGROVE. B.A.
Social Worker.

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Placement under careful supervision

Other recommendations

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Respectfully exempted, targether concepts. S.A.

Social Pariet.

HEALTH DEPARTMENT (General)				1943		1942
Salaries (General)			\$	22,021.25	\$	21,913.05
Serum, Antitoxin, Vaccine. etc				271.49		510.99
Laboratory Services (City Labo Disinfectants	oratory)			1,200.00		1,200.00
Auto Maintenance (2 City 5 Pri	ivate)			2,276.09		2,221.48
Sundries				434.04		312.63
Printing and Stationery Postage				250.32 316.55		256.68 264.63
Street Railway Passes and Tick	cets			209.17		215.00
Isolation Ambulance Hire				222.50		337.00
Milk Inspection Expenses	-1-1			146.46		170.22 766.54
Milk to Undernourished and Sic Meat Inspection Expenses	ckry			598 <b>.</b> 79		230.64
Office Equipment						92.25
			-	28,149.53		28,608.08
	77.070		-			
SCHOOL MEDICAL AND DENTAL SERV	AICES			77 07 50		70 1170 51
Salaries				31,215.69		30,470.51
Medical and Dental Supplies Glasses for Indigent School Cl	hildren			245.04		374.06
Milk to Undernourished School		1				3,026.22
Street Railway Passes and Tick				364.37 660.00		355.63 730.00
Auto Allowances (2 Doctors 3 : Printing and Stationery	Nurses)			338.76		338.54
			-			
			_	36,188.07		36,485.13
INFANT AND PRE-SCHOOL CLINIC				7 000 50		0.070.75
Salaries Professional Services (Child	Smeetalie	+1		3,099.50		2,979.75
Street Railway Passes and Tick		, ,		163.33		145,00
Services of Dentist and E.E. N	& T Spec	ciali	st	1,325.00		1,430.00
Sundries				26.48 84.00		42.74 136.91
Auto Allowance (one Nurse)			-			
			_	5,898,31		5,944.40
SUMMARY				20 1)10 53		28 608 08
Health Department (General) School Medical and Dental Ser	vices			36,188.07		28,608.08
Infant and Pre-School Clinic				5,898.31		5,944,40
			\$	70,235,91	\$	71,037.61
Per Capita Expenditure				79.0¢		79.9¢
EXPENDITURE	FOR THE	PAST	FIVE	YEARS		
1943						1939
70,235,91 71,	037.61	68,4	49.27	67,024.	71	64,648.53
Per Capita 79.0¢	79.9¢	7	8.55¢	78.2	¢	
Appropriation for 1943 \$72,362.	42 Cred	dit B	alance	\$2,126.5	1	

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# CITY OF CALGARY DEPARTMENT OF PUBLIC HEALTH

Annual Report for the Year 1943

LOCAL BOARD OF HEALTH OF THE CITY OF CALGARY
His Worship Mayor ANDREW DAVISON, Chairman,
and All Members of the City Council.

Medical Officer of Health—W. H. HILL, B.A., M.D., C.M., D.P.H.

Assistant Medical Officer—GERALDINE OAKLEY, B.A., M.D.

