

Report / Board of Health, City of Edmonton, Alberta.

Contributors

Edmonton (Alta.). Board of Health.

Publication/Creation

[Edmonton] : [The Board], [1950]

Persistent URL

<https://wellcomecollection.org/works/a2getggg>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

11449

RCB
349



REPORT

of the

Local Board of Health



THE CITY OF EDMONTON

ALBERTA

1950

RCB / 349



22501418070

BOARD OF HEALTH, 1950

Dr. R. M. Shaw, Chairman
 Dr. D. R. Easton Ald. E. I. Clarke Dr. R. M. Shaw
 Ald. F. A. Ford
 Dr. G. H. Brown, Edmonton Public School Board
 Mr. J. A. Gallant, Separate School Board

EX-OFFICIO MEMBERS

Mayor S. Parsons
 Dr. G. M. Little, M.O.H. Mr. J. D. A. MacDonald, City Engineer
 Catharine Rose, Secretary

BOARD OF HEALTH, 1951

Dr. D. R. Easton, Chairman
 Dr. R. M. Shaw Ald. F. A. Ford Dr. D. R. Easton
 Ald. F. Mitchell
 Dr. G. H. Brown, Edmonton Public School Board
 Mr. A. J. Crowe, Separate School Board

EX-OFFICIO MEMBERS

Mayor S. Parsons
 Dr. G. M. Little, M.O.H. Mr. J. D. A. MacDonald, City Engineer
 Catharine R. Rose, Secretary

STAFF

| | |
|---------------------------------|-------------------------------|
| Medical Officer of Health..... | G. M. Little, M.D., D.P.H. |
| Secretary, Board of Health..... | Rose, Miss C. R. |
| Public Health Nurse, Sr..... | Griffith, Miss M., R.N. |
| Public Health Nurse, Sr..... | Christensen, Miss S. C., R.N. |
| Public Health Nurse, Sr..... | Thompson, Miss M. E., R.N. |
| Public Health Nurse..... | Lea, Miss E., R.N. |
| Public Health Nurse..... | Lesik, Mrs. R., R.N. |
| Public Health Nurse..... | Mayhew, Miss E., R.N. |
| Chief Sanitary Inspector..... | Alexander, L. G., C.I.S. (C.) |
| Sr. Sanitary Inspector..... | Chase, H. G., C.I.S. (C.) |
| Sanitary Inspector..... | Hill, G. B., C.I.S. (C.) |
| Sanitary Inspector..... | Kent, Wm., C.I.S. (C.) |
| Sanitary Inspector..... | Kyle, R. S. |
| Sanitary Inspector..... | Overton, L. B., C.I.S. (C.) |
| Sanitary Inspector..... | Powell, E. C., C.I.S. (C.) |
| Meat Inspector..... | Morrison, Dr. D. M., V.S. |
| Milk and Dairy Supervisor..... | Meredith, R. B., C.I.S. (C.) |
| Dairy Inspector..... | Burdess, G., C.I.S., (C) |
| Stenographer, Sr..... | Derbyshire, Miss K. D. |
| Stenographer..... | Craig, Miss I. |
| Stenographer..... | Hansch, Miss P. |
| Clerk..... | Lang, Miss F. |
| Clerk..... | Lee, Miss M. |

CONTENTS:

| | |
|---|------------|
| Annual Report of M.O.H. | 3 |
| Financial Statement | 5 |
| Summary of Statistics | 5 |
| Vital Statistics | 6 |
| Infant Mortality | 7 |
| International List of Causes of Deaths..... | 8, 9 |
| Principal Causes of Deaths | 10, 11 |
| Immunization | 11 |
| Communicable Disease | 12, 13, 14 |
| Isolation Hospital | 15 |
| School Medical Services | 15 |
| Public Health Nursing..... | 16 |
| Sanitation | 17 |
| Food Inspection | 19 |
| Milk and Water | 22 |

WELLCOME
LIBRARY

Ann Rep

WA29

-GC2

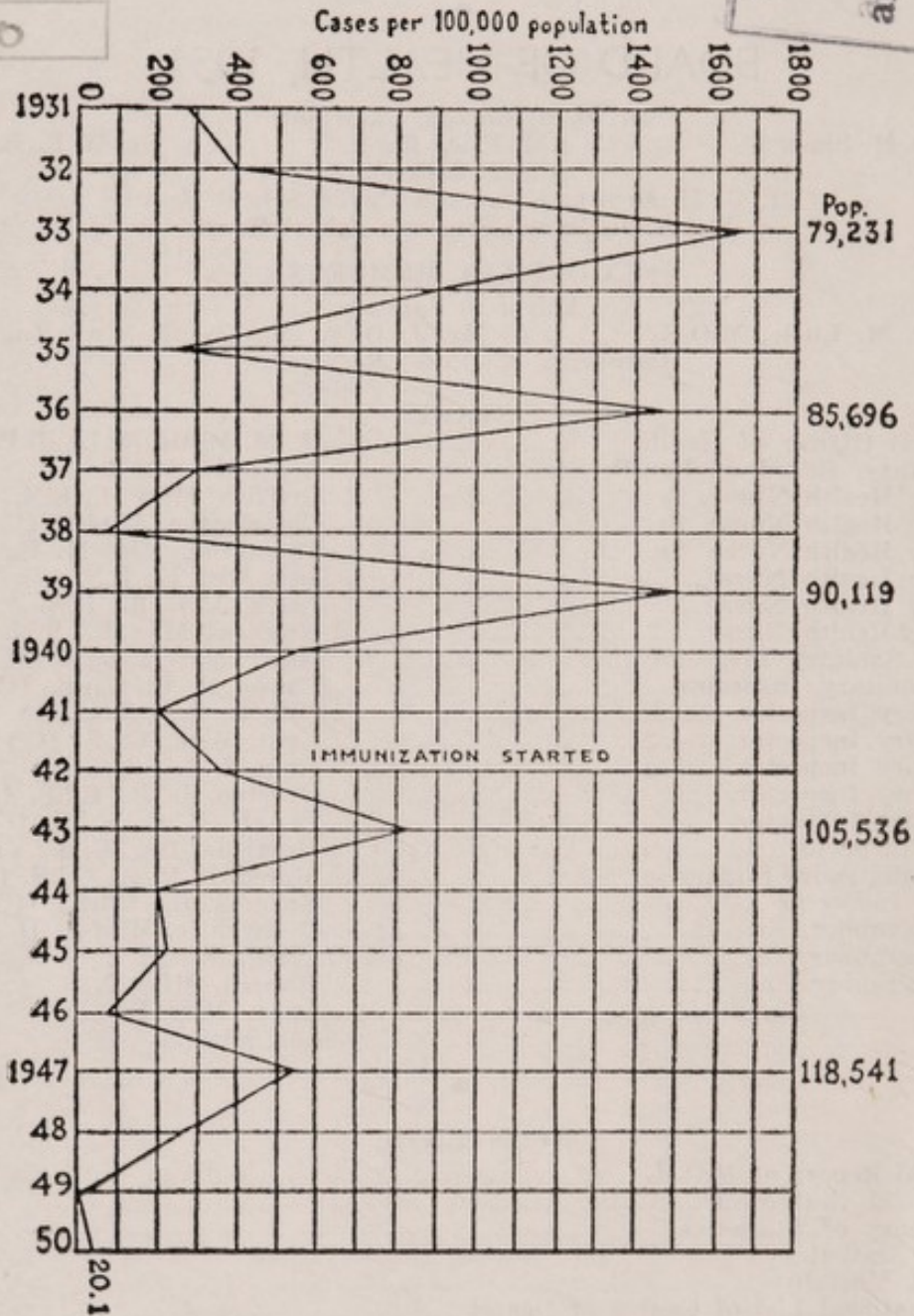
E24

1950

WHOOPING COUGH MORBIDITY

EDMONTON, 1931 - 1950

Wellcome Library
for the History
and Understanding
of Medicine



This disease has been characterized by a high peak of incidence every third year until Sauer-type vaccine was introduced in 1942. Since that time these peaks are markedly lowered and are further apart. This has occurred during a period of rapid increase and overcrowding in our population.

Annual Report of the Medical Officer of Health

Chairman and Members,
Local Board of Health,
Edmonton, Alberta.

Gentlemen:

Herewith is submitted a report of the activities of our Board and certain other health agencies of the City during 1950:

BIRTHS:

Our birth-rate per 1,000 population showed only a slight increase, so that the total increase of 376 babies born to residents in 1950 indicates chiefly our increase in population. That nearly one-third the 6,813 babies born in the City were to non-residents presents a measure of the considerable area outside our City for which local institutions are providing hospital beds.

DEATHS:

Our general death-rate at 7.6 per 1,000 population gave a slight increase. The chief cause of death, heart disease, showed some reduction. The second cause of death, cancer, continued to increase. Increase of death from cancer is to be expected in a population whose average age is increasing; but if our citizens will pay attention to those early signs of cancer and will seek prompt attention, there is no doubt many deaths from this disease may be prevented.

Our infant mortality rate of 25.5 per 1,000 living births gives a slight increase, but remains amongst the lowest on this continent.

COMMUNICABLE DISEASES:

A total increase in communicable diseases was due chiefly to extensive outbreaks of mumps and rubella. The incidence of serious communicable disease, however, remained low, although some increase in tuberculosis and venereal disease were recorded. Only one case of diphtheria and thirty cases of whooping cough marks a satisfying result of continued immunization against these diseases. For the same reason we have had no case of smallpox in our City since 1936.

CLINICS:

Our Well-Baby and Pre-School Clinic again showed an increased attendance to 15,322. Here supervision is given the physical development of the growing child, and assistance given with infant feeding and other problems. In addition, 2,564 home visits were made by nurses from this clinic to advise mothers in the home.

Citizens have used our Immunization Clinic freely, and to this we give much credit for the control of such serious communicable diseases as diphtheria, whooping cough and smallpox. The attendance at this clinic during the year was 21,624.

SANITATION:

From the sanitary standpoint, general cleanliness of the City has been good. However, considerable refuse blows about our streets at times. Examination of this material indicates that much of it has been thrown on the street by careless citizens. Most of this material is not insanitary, but creates untidy streets. This is especially bad in the spring when the winter's accumulation becomes evident. If we can increase the number of trash collecting boxes in the business areas and at bus stops in outlying areas, much of this debris will eventually be kept off the streets.

Sanitary supervision of restaurants, stores and other food handling establishments is producing increasingly good results as indicated by our bacteriological control of these places.

Constant supervision of our milk supply is maintained on farms, in milk plants and delivery wagons, and 9,741 samples of milk were tested for purity.

Daily samples of the City water supply were examined for bacteria and for chlorine content. The water from a number of private wells was tested, as were regular samples from City and private swimming pools.

Our veterinarian, who inspects all animals slaughtered in our two non-exporting abattoirs, condemned 28,012 pounds of diseased meats. By far the greatest single cause of such condemnation was tuberculosis in pork, which accounted for 12,764 pounds.

GENERAL:

The rapid increase in our population has continued, and with it has increased the demand for public health services. In the face of the need for expansion and possibly re-organization of these services, co-ordination of the various services as far as possible seems an effective economic and timely measure. Some financial help now promised to cities by the Province should facilitate bringing this about. Indeed, both provincially and municipally there are various groups doing an excellent piece of public health work, but who could enhance the value to our citizens by maintaining closer co-ordination of these groups.

We have co-operated to the extent of our facilities in the teaching of nurses from various hospitals and nurses and medical students from the University of Alberta.

Many of our citizens are still forced to live in unsatisfactory housing. The answer to this problem is, of course, economic. The solution is likely to be made more difficult by semi-war-time restrictions and costs plus a continuing rapid increase of our population. The remedy lies beyond the public health field; but I see this as one of the greatest present hazards to the physical and mental welfare of a considerable part of our population.

Respectfully submitted,

G. M. LITTLE,
MEDICAL OFFICER OF HEALTH.

EXPENDITURES

| | 1950 | 1949 |
|---|---------------------|---------------------|
| 1. Salaries | \$ 62,299.35 | \$ 56,385.26 |
| 2. Supplies | 1,767.74 | 1,804.96 |
| 3. Transportation | 5,135.17 | 5,491.88 |
| 4/6. Telephones, Sundries, Uniforms | 1,906.17 | 1,859.52 |
| 7. Pensions | 4,788.87 | 5,858.10 |
| | \$ 75,896.30 | \$ 71,389.72 |

REVENUE

| | | |
|-------------------|---------------------|---------------------|
| Permits | \$ 304.25 | |
| Meat Inspection | 818.50 | |
| Prov. Govt. Grant | 2,500.00 | |
| License Dept. | 1,500.00 | |
| | \$ 5,122.75 | |
| | 5,122.75 | 5,214.90 |
| | \$ 70,773.55 | \$ 66,174.82 |

Cost Per Capita

| | | | | |
|-------------------------------|---------------------|-------------|---------------------|-------------|
| Local Board of Health | \$ 75,896.30 | .51c | \$ 71,389.72 | .52c |
| School Medical Services | 47,264.48 | .32c | 39,675.00 | .29c |
| Total cost per capita | \$123,150.78 | .83c | \$111,064.72 | .81c |

EXPENDITURE CLASSIFIED—1950

| | Administration | Communicable Disease | Dairy Inspection | Food Inspection | Public Health Nursing | Sanitation | Vital Statistics | Bath House | TOTALS |
|-------------------------|--------------------|----------------------|-------------------|-------------------|-----------------------|--------------------|-------------------|-----------------|--------------------|
| 1. Salaries | \$11,914.35 | \$ 8,891.26 | \$6,274.33 | \$4,671.32 | \$ 8,894.43 | \$20,514.08 | \$1,079.52 | \$ 60.04 | \$62,229.35 |
| 2. Supplies | 1,086.38 | 172.91 | 50.57 | ..... | 237.74 | 101.70 | ..... | 117.44 | 1,766.74 |
| 3. Transportation | 480.00 | 1,859.35 | 1,295.90 | 300.00 | 598.71 | 1,601.21 | ..... | ..... | 5,135.17 |
| 4. Telephones | 116.46 | 65.76 | 38.64 | 17.76 | 55.56 | 75.55 | ..... | ..... | 369.73 |
| 5. Sundries | 623.91 | 233.89 | 90.01 | ..... | 325.79 | 57.46 | ..... | ..... | 1,331.06 |
| 6. Uniforms ..... | ..... | ..... | ..... | 36.53 | 53.80 | 115.05 | ..... | ..... | 205.38 |
| 7. Pensions | 4,788.87 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4,788.87 |
| | \$19,009.99 | \$10,223.17 | \$7,749.45 | \$5,025.61 | \$10,166.03 | \$22,465.05 | \$1,079.52 | \$177.48 | \$74,896.30 |
| | 25.0% | 13.5% | 10.2% | 6.7% | 13.4% | 29.6% | 1.4% | .2% | 100% |

SUMMARY OF STATISTICS

Area of City, 26,778 acres including 1,000 acres of water and 2,147 acres in Parks.

| | 1950 | 1949 | 1948 | 1947 | 1946 |
|--|---------|---------|---------|---------|---------|
| Population..... | 148,861 | 137,469 | 126,609 | 118,541 | 114,976 |
| Persons per acre of land..... | 5.4 | 5.0 | 4.7 | 4.4 | 4.2 |
| Cost per capita..... | .51 | .52 | .51 | .46 | .44 |
| School enrolment | 23,306 | 21,452 | 19,859 | 19,071 | 18,988 |
| Natural increase of population | 3,481 | 3,282 | 2,935 | 2,920 | 2,283 |
| Births | | | | | |
| Total births | 6,813 | 6,514 | 5,928 | 6,019 | 5,455 |
| Resident births only | 4,622 | 4,246 | 3,938 | 3,838 | 3,251 |
| Resident rate per 1,000 population..... | 31.3 | 30.8 | 31.1 | 32.3 | 28.8 |
| Stillbirths | | | | | |
| Total stillbirths | 82 | 97 | 90 | 109 | 83 |
| Resident stillbirths only | 59 | 57 | 54 | 62 | 51 |
| Resident stillbirth rate per 1,000 living births | 12.8 | 13.4 | 13.7 | 16.1 | 15.7 |
| Deaths | | | | | |
| Total deaths | 1,694 | 1,556 | 1,609 | 1,482 | 1,576 |
| Resident deaths only | 1,141 | 964 | 1,003 | 819 | 968 |
| Resident rate per 1,000 population..... | 7.6 | 7.0 | 7.9 | 7.7 | 8.4 |
| Infant Mortality | | | | | |
| Total deaths under 1 year of age..... | 196 | 161 | 204 | 201 | 197 |
| Resident deaths under 1 year of age..... | 118 | 99 | 126 | 123 | 111 |
| Resident rate per 1,000 living births | 25.5 | 23.3 | 31.9 | 32.0 | 34.1 |
| Maternal Mortality | | | | | |
| Maternal deaths (city only)..... | 1 | 2 | 1 | 1 | 5 |
| Rate per 1,000 living births..... | .21 | .47 | .25 | .27 | 1.5 |
| Marriages | | | | | |
| Marriages | 2,649 | 2,539 | 2,490 | 2,374 | 2,205 |
| Rate per 1,000 population..... | 17.2 | 18.4 | 19.6 | 20.0 | 19.1 |

VITAL STATISTICS

| | Births | | | |
|--|--------|-------|-------|-------|
| | 1950 | 1949 | 1948 | 1947 |
| Total births | 6,813 | 6,514 | 5,928 | 6,019 |
| Resident births only | 4,622 | 4,246 | 3,938 | 3,838 |
| Male | 2,357 | 2,197 | 2,121 | 2,008 |
| Female | 2,265 | 2,049 | 1,817 | 1,830 |
| Double Births | 43 | 44 | 42 | 39 |
| Resident illegitimate births | 196 | 211 | 188 | 145 |
| Total illegitimate births | 390 | 441 | 436 | 373 |
| Age group of mothers— | | | | |
| 15-19 years | 269 | 249 | 241 | 192 |
| 20-24 years | 1,417 | 1,332 | 1,239 | 1,251 |
| 25-29 years | 1,541 | 1,426 | 1,317 | 1,240 |
| 30-34 years | 901 | 813 | 745 | 763 |
| Over 34 years | 487 | 426 | 386 | 392 |
| Born in Institutions—4261. | | | | |
| Maternal Parentage: | | | | |
| Canada | 4,156 | 3,759 | 3,463 | 3,095 |
| British Isles | 209 | 245 | 290 | 473 |
| Europe and Asia | 155 | 146 | 114 | 161 |
| U.S.A. | 68 | 87 | 62 | 92 |
| Other countries | 4 | 9 | 9 | 17 |
| Stillbirths | | | | |
| Total stillbirths | 82 | 97 | 90 | 109 |
| Resident stillbirths only | 59 | 57 | 54 | 62 |
| Male | 21 | 31 | 30 | 31 |
| Female | 38 | 26 | 24 | 31 |
| Born in institutions | 59 | 57 | 54 | 62 |
| Cause of Foetal deaths: | | | | |
| Dystocia | 21 | 21 | 13 | 23 |
| Prematurity | 5 | 6 | 8 | 6 |
| Toxaemia of pregnancy | 6 | 6 | 7 | 5 |
| Malformation | 10 | 13 | 8 | 9 |
| Placenta and membranes | 5 | 9 | 6 | 8 |
| Traumatism and overwork | 1 | ..... | ..... | 1 |
| Syphilis | 1 | ..... | 1 | ..... |
| Other conditions | 10 | 7 | 11 | 10 |
| Deaths | | | | |
| Total deaths | 1,694 | 1,556 | 1,609 | 1,482 |
| Resident deaths only | 1,141 | 964 | 1,003 | 918 |
| Male | 695 | 580 | 600 | 553 |
| Female | 446 | 384 | 403 | 365 |
| Resident rate per 1,000 population | 7.6 | 7.0 | 7.9 | 7.7 |
| Racial Origin | | | | |
| Canada | 384 | 295 | 282 | 279 |
| British Isles | 381 | 346 | 399 | 355 |
| Europe and Asia | 224 | 180 | 197 | 196 |
| U.S.A. | 64 | 54 | 65 | 40 |
| Others | 88 | 88 | 60 | 48 |
| Infant Mortality | | | | |
| Total deaths under 1 year of age | 196 | 161 | 204 | 201 |
| Resident deaths under 1 year of age | 118 | 99 | 126 | 123 |
| Male | 66 | 50 | 80 | 72 |
| Female | 52 | 49 | 46 | 51 |
| Legitimate | 114 | 91 | 113 | 106 |
| Infant mortality rate per 1,000 living births | 25.5 | 23.3 | 31.9 | 32.0 |

Abridged International Classification of Causes of Death, 1950 (Continued)

| | Under 1 | | 1-5 | | 5-14 | | 15-19 | | 20-29 | | 30-39 | | 40-49 | | 50-59 | | 60-69 | | 70-79 | | 80 & over | | | |
|--|---------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|----|
| | Total | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| 40. Complications of pregnancy, childbirth and puerperium..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 41. Congenital malformations | 20 | 7 | 13 | 7 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 42. Birth injuries, postnatal asphyxia, and atelectasis | 32 | 18 | 14 | 18 | 14 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 43. Infections of the newborn | 8 | 5 | 3 | 4 | 3 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 44. Other diseases of early infancy, and immaturity un-qualified | 32 | 20 | 12 | 20 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 45. Senility without mention of psychosis, ill-defined, and unknown causes | 22 | 17 | 5 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 46. All other diseases | 109 | 66 | 43 | 4 | 1 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 47. Motor vehicle accidents | 29 | 22 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 48. All other accidents | 50 | 35 | 15 | 3 | 3 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 49. Suicide and self-inflicted injury | 14 | 10 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 50. Homicide and operations of war | 5 | 4 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Totals | 1141 | 695 | 446 | 66 | 52 | 10 | 4 | 9 | 7 | 5 | 4 | 25 | 7 | 20 | 17 | 43 | 31 | 73 | 44 | 185 | 92 | 161 | 106 | 89 |

PRINCIPAL CAUSES OF DEATH, 1950

| | Total | Male | Female | % of Total Deaths | Rate per 100M Population |
|--|-------|------|--------|-------------------|--------------------------|
| 410-434 Diseases of the heart..... | 291 | 202 | 89 | 25.7 | 195.4 |
| 140-205 Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues | 203 | 104 | 99 | 17.9 | 136.4 |
| 330-334 Vascular lesions affecting central nervous system | 124 | 72 | 52 | 10.7 | 84.2 |
| 800-999 External causes | 98 | 71 | 27 | 8.5 | 65.8 |
| 750-776 Diseases of early infancy..... | 92 | 50 | 42 | 8.0 | 60.2 |
| 440-447 Hypertension | 49 | 23 | 26 | 4.3 | 32.8 |
| 490-493 Pneumonia | 39 | 22 | 17 | 3.4 | 26.0 |
| 794 Senility | 22 | 17 | 5 | 1.9 | 14.9 |
| 001-019 Tuberculosis (all forms) | 22 | 13 | 9 | 1.9 | 14.9 |
| 590-594 Nephritis and Nephrosis | 18 | 11 | 7 | 1.4 | 12.0 |
| All other diseases | 183 | 110 | 73 | ..... | ..... |
| | 1141 | 695 | 446 | | |

MORTALITY FROM HEART DISEASE

| Year | Total Deaths | Deaths From Heart Disease | Percentage of Total Deaths | Rate per 100M Population |
|------------|--------------|---------------------------|----------------------------|--------------------------|
| 1950 | 1141 | 291 | 25.5 | 195.4 |
| 1949 | 964 | 287 | 29.7 | 208.7 |
| 1948 | 1003 | 291 | 29.0 | 238.5 |
| 1947 | 918 | 260 | 25.9 | 219.3 |
| 1946 | 968 | 262 | 27.0 | 227.8 |

MORTALITY FROM CANCER

| Year | Total Deaths | Deaths From Cancer | Percentage of Total Deaths | Rate per 100M Population |
|------------|--------------|--------------------|----------------------------|--------------------------|
| 1950 | 1141 | 203 | 17.7 | 136.4 |
| 1949 | 964 | 159 | 16.4 | 115.6 |
| 1948 | 1003 | 160 | 15.9 | 126.3 |
| 1947 | 918 | 143 | 15.5 | 120.6 |
| 1946 | 968 | 146 | 15.1 | 126.9 |

MORTALITY FROM INTRACRANIAL LESIONS OF VASCULAR ORIGIN

| Year | Total Deaths | Deaths From This Cause | Percentage of Total Deaths | Rate per 100M Population |
|------------|--------------|------------------------|----------------------------|--------------------------|
| 1950 | 1141 | 124 | 10.7 | 84.2 |
| 1949 | 964 | 101 | 12.5 | 74.1 |
| 1948 | 1003 | 113 | 11.1 | 89.2 |
| 1947 | 918 | 85 | 9.2 | 71.7 |
| 1946 | 968 | 97 | 10.0 | 84.3 |

MORTALITY FROM TUBERCULOSIS

| Year | Total Deaths | Deaths From Tuberculosis | Percentage of Total Deaths | Rate per 100M Population |
|------------|--------------|--------------------------|----------------------------|--------------------------|
| 1950 | 1141 | 22 | 1.9 | 14.9 |
| 1949 | 964 | 25 | 2.5 | 18.1 |
| 1948 | 1003 | 33 | 3.2 | 26.0 |
| 1947 | 918 | 28 | 3.0 | 23.6 |
| 1946 | 968 | 30 | 3.0 | 26.0 |

MORTALITY FROM PNEUMONIA

| Year | Total Deaths | Deaths From Pneumonia | Percentage of Total Deaths | Rate per 100M Population |
|------------|--------------|-----------------------|----------------------------|--------------------------|
| 1950 | 1141 | 39 | 3.4 | 26.0 |
| 1949 | 964 | 47 | 4.8 | 41.4 |
| 1948 | 1003 | 48 | 4.7 | 38.7 |
| 1947 | 918 | 56 | 6.1 | 47.2 |
| 1946 | 968 | 49 | 5.0 | 42.6 |

MORTALITY FROM EXTERNAL CAUSES

| Year | Total Deaths | Deaths From External Causes | Male | Female | Suicide | Homicide | Automobile Accidents | Other Accidents | Percentage of Deaths | Rate Per 100M Population |
|------|--------------|-----------------------------|------|--------|---------|----------|----------------------|-----------------|----------------------|--------------------------|
| 1950 | 1141 | 98 | 71 | 27 | 14 | 5 | 29 | 50 | 8.5 | 65.8 |
| 1949 | 964 | 73 | 57 | 16 | 10 | 3 | 20 | 40 | 7.4 | 53.0 |
| 1948 | 1003 | 57 | 40 | 17 | 6 | .... | 17 | 34 | 5.6 | 45.8 |
| 1947 | 918 | 56 | 46 | 10 | 8 | .... | 17 | 31 | 6.1 | 47.2 |
| 1946 | 968 | 83 | 64 | 19 | 25 | 1 | 17 | 40 | 8.3 | 72.2 |

IMMUNIZATION RECORD, 1950

| | Board of Health | Edmonton Public School Board | Edmonton Sep. School Board | Private Physicians |
|---------------------------|-----------------|------------------------------|----------------------------|--------------------|
| Diphtheria | | | | |
| 1st dose | 2,891 | 946 | 215 | 329 |
| Re-inforcing doses | 281 | 2,669 | .... | .... |
| Total doses | 10,880 | 4,966 | 488 | .... |
| Whooping Cough | | | | |
| 1st dose | 2,821 | 391 | .... | 319 |
| Re-inforcing doses | 2,462 | 161 | .... | .... |
| Total doses | 12,852 | 1,054 | .... | .... |
| Scarlet Fever | | | | |
| 1st dose | 650 | .... | .... | 18 |
| Re-inforcing doses | 319 | .... | .... | .... |
| Total doses | 3,313 | .... | .... | .... |
| Smallpox | 2,658 | 2,064 | 238 | 642 |
| Typhoid | | | | |
| 1st dose | 151 | .... | .... | 31 |
| Re-inforcing doses | 18 | .... | .... | .... |
| Total doses | 542 | .... | .... | .... |
| Tetanus | | | | |
| 1st dose | 1,605 | .... | .... | 8 |
| Re-inforcing doses | 2 | .... | .... | .... |
| Total doses | 4,065 | .... | .... | .... |
| Cholera | | | | |
| 1st dose | 5 | .... | .... | .... |
| Total doses | 9 | .... | .... | .... |
| Typhus | | | | |
| 1st dose | 5 | .... | .... | .... |
| Total doses | 10 | .... | .... | .... |
| Plague | | | | |
| 1st dose | 3 | .... | .... | .... |
| Total doses | 6 | .... | .... | .... |
| Dick Test | 99 | .... | .... | .... |
| Schick test | 71 | .... | .... | .... |
| Anti-Measles serum | .... | .... | .... | 5 |

IMMUNIZATION CLINIC

| | 1950 | 1949 | 1948 |
|---|--------|--------|--------|
| No. of persons receiving first doses | 9,235 | 10,703 | 7,325 |
| No. of persons receiving re-inforcing doses | 2,847 | 2,949 | 2,970 |
| Total procedures | 36,216 | 37,910 | 27,837 |
| Attendance | 21,624 | 24,811 | 18,177 |
| No. of Clinics held | 250 | 249 | 249 |
| Average attendance | 86.4 | 99.6 | 73 |

During the past year students attended our clinic for instruction and to observe our method and procedure. There were 90 student days during the year.

COMMUNICABLE DISEASES, 1950 - 1946

| | 1950 | | 1949 | | 1948 | | 1947 | | 1946 | |
|-------------------------------------|-------|------|-----------|------|-------|------|-------|------|-------|------|
| | C | D | C | D | C | D | C | D | C | D |
| Chickenpox..... | 1,327 | .... | 1,209 | .... | 927 | .... | 1,468 | .... | 934 | .... |
| Diphtheria..... | 1 | .... | 2 | 1 | 2 | .... | 6 | .... | 3 | .... |
| Diphtheria carriers..... | 2 | .... | 2 | .... | 12 | .... | 4 | .... | 4 | .... |
| Dysentery..... | 1 | .... | 3 | .... | 2 | 1 | .... | .... | .... | .... |
| Encephalitis..... | 5 | 2 | .... | .... | .... | .... | 3 | 1 | 4 | 2 |
| Erysipelas..... | 14 | .... | 17 | .... | 22 | .... | 17 | .... | 23 | .... |
| Food Poisoning..... | 5 | .... | 5 | .... | .... | .... | .... | .... | .... | .... |
| Influenza..... | .... | 3 | .... | 3 | .... | .... | .... | 2 | .... | 6 |
| Hepatitis (infectious)..... | 1 | .... | .... | .... | .... | .... | 1 | .... | .... | .... |
| Malaria..... | .... | .... | 1 | .... | .... | .... | 3 | .... | .... | .... |
| Measles..... | 465 | 1 | 3,080 | 1 | 1,285 | .... | 925 | .... | 2,563 | 1 |
| Meningitis (Meningococcic)..... | 2 | .... | 5 | .... | 2 | 1 | 2 | .... | 4 | .... |
| Mononucleosis (infectious)..... | 3 | .... | 5 | .... | .... | .... | 1 | .... | .... | .... |
| Mumps..... | 2,345 | .... | 424 | 1 | 196 | 1 | 300 | .... | 1,378 | .... |
| Paratyphoid..... | .... | .... | .... | .... | 7 | .... | 1 | .... | 1 | .... |
| Paratyphoid carrier..... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... |
| Pneumonia (lobar)..... | .... | 9 | .... | 6 | .... | 2 | .... | 5 | 1 | 8 |
| Poliomyelitis..... | 38 | 2 | 28 | .... | 88 | 6 | .... | .... | 8 | .... |
| Ringworm (microsporon audouini).... | 10 | .... | 7 | .... | .... | .... | .... | .... | .... | .... |
| Ringworm (others)..... | 1 | .... | 4 | .... | .... | .... | .... | .... | .... | .... |
| Rubella..... | 2,604 | .... | 788 | .... | 118 | .... | 87 | .... | 183 | .... |
| Scarlet Fever..... | 499 | 2 | 121 | .... | 83 | .... | 79 | .... | 173 | .... |
| Septic Sore Throat..... | 29 | 1 | 7 | .... | 2 | .... | 1 | .... | 7 | .... |
| Trachoma..... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... |
| Tuberculosis (Pulmonary)..... | 114 | 19 | 91 | 23 | 140 | 26 | 98 | 20 | 78 | 20 |
| Tuberculosis (other forms)..... | 23 | 3 | 12 | 2 | .... | 7 | 5 | 8 | 2 | 10 |
| Typhoid Fever..... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | .... |
| Typhoid carriers..... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... |
| Undulant Fever..... | 4 | .... | 2 | .... | 1 | .... | 9 | .... | 2 | .... |
| Vincent's Angina..... | 12 | .... | 4 | .... | 9 | .... | 7 | .... | 7 | .... |
| Whooping Cough..... | 30 | .... | 3 | .... | 364 | 2 | 628 | 2 | 92 | .... |
| Venereal Disease— | | | | | | | | | | |
| Gonorrhoea..... | 824 | .... | 703 | .... | 808 | .... | 666 | .... | 624 | .... |
| G. C. Vaginitis..... | .... | .... | .... | .... | .... | .... | 8 | .... | 3 | .... |
| Syphilis..... | 43 | 5 | 83 | 4 | 95 | 5 | 104 | 5 | 81 | 4 |
| Type Undetermined..... | .... | .... | .... | .... | 16 | .... | 4 | .... | 12 | .... |
| | 8,303 | 47 | 6,590 | 41 | 4,181 | 51 | 4,423 | 48 | 6,201 | 51 |
| Morbidity per 1,000 population..... | 55.7 | | 47.8 | | 33.0 | | 37.2 | | 53.9 | |
| C—Cases. | | | D—Deaths. | | | | | | | |

Communicable disease was responsible for 47 or 4.1% of the 1,141 City deaths during 1950.

Of these 47 deaths, 30 were over 19 years of age, 22 were due to all forms of Tuberculosis and 5 died from Syphilis.

31.2% or 2,604 cases of communicable disease were due to Rubella; 2,345 or 28.2% were due to Mumps; 15.5% or 1,327 were due to Chickenpox and 499 or 6.0% were due to Scarlet Fever.

| | No. of Cases | Percent of Cases | No. of Deaths | Percent of Deaths |
|------------------------------------|--------------|------------------|---------------|-------------------|
| Pre-school cases—1 to 5 years..... | 1,673 | 20.1% | 7 | 14.9% |
| School cases—6 to 14 years..... | 4,467 | 53.8% | 6 | 12.8% |
| Over 14..... | 1,916 | 23.1% | 34 | 72.3% |
| Age not stated..... | 245 | 2.9% | .... | .... |
| Armed forces..... | 2 | .1% | .... | .... |

COMMUNICABLE DISEASE BY SEASON AND SEX, 1950

| | Total | Male | Female | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Out- Side |
|--------------------------------------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| Chickenpox..... | 1327 | 677 | 650 | 232 | 113 | 62 | 37 | 95 | 105 | 115 | 51 | 39 | 74 | 163 | 241 | 9 |
| Diphtheria..... | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 4 |
| Diphtheria Carriers..... | 2 | 1 | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 5 |
| Dysentery..... | 1 | 1 | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6 |
| Encephalitis..... | 5 | 4 | 1 | ..... | ..... | 2 | 1 | ..... | ..... | 2 | ..... | ..... | 3 | 1 | 2 | 1 |
| Erysipelas..... | 14 | 6 | 8 | 2 | 1 | 1 | ..... | 2 | 1 | ..... | 1 | ..... | 2 | 1 | ..... | 6 |
| Food Poisoning..... | 5 | 4 | 1 | ..... | ..... | ..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Hepatitis (Infectious)..... | 1 | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Measles..... | 465 | 206 | 259 | 237 | 79 | 33 | 32 | 29 | 17 | 16 | 1 | 4 | 2 | 7 | 8 | 18 |
| Meningitis (mening.)..... | 2 | ..... | 2 | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2 |
| Mononucleosis (Infections)..... | 5 | 3 | 2 | ..... | ..... | 4 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... | ..... |
| Mumps..... | 2244 | 1158 | 1086 | 268 | 298 | 386 | 307 | 262 | 221 | 135 | 102 | 51 | 80 | 57 | 95 | 28 |
| Paratyphoid..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Polioyelitis..... | 38 | 20 | 18 | ..... | ..... | ..... | ..... | 10 | ..... | 5 | 23 | 5 | 4 | 1 | ..... | 31 |
| Ringworm (microsporan audouini)..... | 10 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Ringworm (others)..... | 1 | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Rubella..... | 2604 | 1230 | 1374 | 863 | 700 | 470 | 222 | 206 | 79 | 4 | 8 | 12 | 9 | 10 | 21 | 14 |
| Scarlet Fever..... | 499 | 235 | 264 | 28 | 18 | 35 | 35 | 40 | 40 | 16 | 16 | 47 | 57 | 82 | 85 | 46 |
| Scarlet Sore Throat..... | 29 | 19 | 10 | 4 | 2 | 6 | 2 | 4 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 2 |
| Tuberculosis (pulm.)..... | 114 | 48 | 66 | 5 | 10 | 13 | 15 | 12 | 6 | 5 | 17 | 1 | 9 | ..... | 21 | 2 |
| Tuberculosis (other forms)..... | 23 | 13 | 10 | 4 | 2 | 1 | 1 | 2 | 1 | ..... | ..... | ..... | 4 | ..... | 8 | ..... |
| Tularemia..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| Undulant Fever..... | 4 | 2 | 2 | ..... | ..... | ..... | 1 | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| Vincent's Angina..... | 12 | 4 | 8 | 5 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 1 | 4 | ..... | ..... | 2 |
| Whooping Cough..... | 30 | 17 | 13 | ..... | ..... | ..... | ..... | 1 | 3 | ..... | 6 | 4 | 6 | 2 | 8 | 8 |
| Veneral Disease | 824 | 472 | 352 | 57 | 65 | 42 | 62 | 45 | 72 | 74 | 72 | 78 | 89 | 94 | 74 | ..... |
| Gonorrhoea..... | ..... | ..... | 18 | 3 | 3 | 2 | 5 | 4 | 4 | 3 | 4 | 7 | 4 | 2 | 2 | ..... |
| Syphilis..... | 43 | 25 | 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| TOTALS..... | 8303 | 4158 | 4145 | 1705 | 1292 | 1042 | 725 | 715 | 552 | 380 | 301 | 249 | 352 | 421 | 569 | 187 |
| DEATHS | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Encephalitis..... | 2 | 1 | 1 | 1 | ..... | ..... | ..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... |
| Influenza..... | 3 | 2 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Measles..... | 1 | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Lobar Pneumonia..... | 9 | 7 | 2 | 1 | ..... | ..... | ..... | 3 | 1 | 1 | ..... | 2 | ..... | 1 | 2 | ..... |
| Polioyelitis..... | 2 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Scarlet Fever..... | 2 | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Septic Sore Throat..... | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Tuberculosis (pulmonary)..... | 19 | 12 | 5 | 3 | 2 | 1 | 1 | ..... | 4 | ..... | 2 | 3 | 2 | 1 | ..... | ..... |
| Tuberculosis (other forms)..... | 3 | 1 | 3 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Syphilis..... | 5 | 5 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | ..... | 2 | 1 | ..... | ..... | 1 | ..... |
| TOTALS..... | 47 | 33 | 14 | 5 | 2 | 2 | 1 | 4 | 9 | 1 | 5 | 6 | 2 | 5 | 6 | ..... |

ISOLATION HOSPITAL

Eight hundred and twelve patients were admitted to the Isolation Hospital during the year 1950. There were 48 outpatients and 17 patients died.

The admissions to the hospital were for the following causes:

| | | | |
|----------------------------------|-----|--------------------------|----|
| Scarlet Fever | 371 | Erysipelas | 17 |
| Diphtheria | 6 | Measles | 29 |
| Diphtheria carriers | 2 | Rubella | 50 |
| Poliomyelitis | 65 | Whooping Cough | 7 |
| Meningitis (meningococcic) | 2 | Chickenpox | 12 |
| Meningitis (tuberculosis) | 5 | Mumps | 89 |
| Tuberculosis | 24 | Septic sore throat | 14 |
| Typhoid Fever | 1 | Vincent's Angina | 6 |
| Typhoid carrier | 1 | Ringworm | 11 |
| Paratyphoid | 4 | Others | 90 |
| Encephalitis | 6 | | |

The deaths included:

| | | | |
|---------------------|---|---------------------------------|---|
| Scarlet Fever | 3 | Poliomyelitis | 3 |
| Measles | 2 | Tuberculosis (meningitis) | 4 |
| Diphtheria | 1 | Others | 4 |

SCHOOL MEDICAL SERVICES

| | Public School Board | R.C. Separate School Board |
|---------------------------------------|------------------------|-------------------------------|
| Complete examinations | 7947 | 530 |
| Number reported with defects | 3447 | 114 |
| Number reported without defects | 7331 | 416 |
| Parents present at examinations | 4850 | 288 |
| Home visits by nurses | 609 | 97 |
| Talks to classes | 370 | .... |

TUBERCULOSIS CONTROL

Kinsmen's Club Service

| | 1950 | 1949 | 1948 |
|-------------------------------|------|------|------|
| Total visits by Nurse | 2007 | 1986 | 2585 |
| Visits to T.B. cases | 693 | 610 | 709 |
| Visits to suspect cases | 125 | 123 | 125 |
| Visits to contact cases | 1063 | 1102 | 1596 |
| Co-operative visits | 126 | 107 | 115 |
| Not seen, moved, etc. .... | .... | 44 | 40 |

Provincial Tuberculosis Division

Examinations:

| | | | |
|---------------------------------|------|------|-------|
| Active cases | 131 | 91 | 61 |
| Suspects | 220 | 164 | 123 |
| Contacts | 552 | 569 | 339 |
| Non-contacts | 350 | 741 | 640 |
| Total examinations | 4251 | 3891 | 3210 |
| Total X-rays | 3698 | 3169 | 3420 |
| Tuberculin test made | 1987 | 1670 | 1703 |
| Tuberculin tests positive | 850 | 516 | 585 |
| Mobile X-ray clinic ..... | .... | .... | 61699 |

WELL BABY AND PRE-SCHOOL CLINIC

| | 1950 | 1949 | 1948 | 1947 | 1946 |
|---|-------|-------|-------|-------|------|
| Number of clinics | 250 | 249 | 232 | 240 | 200 |
| Attendance under 1 year | 10954 | 10429 | 9594 | 10260 | .... |
| Attendance over 1 year of age.... | 4368 | 4823 | 3793 | 1690 | .... |
| Total attendance..... | 15322 | 15272 | 13387 | 11950 | 8167 |
| Average attendance | 61 | 61 | 58 | 50 | 41 |
| New admissions under 1 year..... | 2869 | 2768 | 2417 | 2564 | 1881 |
| New admissions over 1 year | 723 | 829 | 784 | 511 | 328 |
| Re-admissions | 113 | 121 | 123 | 109 | 97 |
| Referred to Family doctor | 170 | 135 | 112 | 107 | 31 |
| Oot-of-town cases..... | 370 | 356 | 335 | 225 | 153 |
| Total attendance from out of town | 886 | .... | .... | .... | .... |

338 children were discharged, leaving 9,545 on the active roll.

4 senior interns, under Dr. D. B. Leitch, as consultant, attended the clinics during the year and examined 929 children.

There were 2,564 home visits made to problem cases and very young babies.

During the year there were 191 student days. These were made up of B.Sc. and Public Health nurses from the University of Alberta who were with us for observations at Clinics as well as home visiting, and student nurses from the University Outdoor Clinic, Royal Alexandra Hospital, Misericordia Hospital and new staff members from the Provincial Department of Health.

VICTORIAN ORDER OF NURSES

| | 1950 | 1949 | 1948 | 1947 | 1946 |
|-----------------------------------|------|------|------|------|------|
| Pre-natal visits | 84 | 165 | 295 | 171 | 198 |
| Obstetrical (nursing care) ..... | .... | 9 | 6 | 11 | 0 |
| Obstetrical (advice) | 1145 | 1353 | 1470 | 1447 | 1333 |
| Newborn (Nursing care) | 432 | 559 | 711 | 754 | 657 |
| Newborn (health supervision) | 1474 | 1576 | 1358 | 1303 | 1796 |
| Other visits | 5615 | 5157 | 5609 | 3922 | 2450 |
| Total visits | 8750 | 8819 | 8449 | 7602 | 6434 |
| Pre-natal clinics | 35 | .... | 50 | 50 | 59 |
| Total attendance | 393 | 391 | 550 | 528 | 577 |
| Average attendance | 11 | .... | 11 | 10 | 12 |
| Mothers enrolled | 100 | 58 | 114 | 115 | 115 |

SANITATION

INSPECTIONS:

| | | |
|--|--------------|---------------|
| | 1950 | 1949 |
| Dwellings | 216 | 423 |
| Hotels, lodging houses, apartment blocks | 271 | 260 |
| Schools, blocks, public buildings | 67 | 74 |
| Stores, business establishments | 53 | 98 |
| Food handling establishments | 7,025 | 6,600 |
| Garbage cans, etc. | 417 | 746 |
| Streets, lanes, yards, dumps, etc. | 79 | 326 |
| Miscellaneous | 785 | 1,930 |
| | <u>8,913</u> | <u>10,457</u> |
| Re-inspections | 465 | 424 |

NOTICES:

| | | |
|---------------|-----|-----|
| Written | 287 | 381 |
| Verbal | 569 | 958 |
| Garbage | 63 | 180 |

COMPLAINTS:

| | | |
|---------------------------------------|-----|-----|
| Received from public | 545 | 639 |
| Justified | 438 | 576 |
| Received from other departments | 23 | 12 |
| Referred to other departments | 46 | 77 |

The complaints were made up as follows:

| | | |
|--------------------------------------|-----|-----|
| Garbage, streets, lanes, etc. | 204 | 232 |
| Vermin | 32 | 31 |
| Housing, plumbing and drainage | 188 | 250 |
| Food and drink | 52 | 53 |
| Miscellaneous | 69 | 73 |

LICENSES:

| | | |
|---|-------|-------|
| License applications investigated | 2,936 | 2,952 |
|---|-------|-------|

PLUMBING:

| | | |
|---|-------|-------|
| Sewer and water notices issued | 11 | 15 |
| Sewer and water installed, buildings removed, etc. | 14 | 14 |
| Extension of time granted | 23 | 9 |
| Plumbing permits issued | 3,383 | 2,990 |
| Plumbing permits issued for old buildings | 41 | 41 |
| Alterations to existing plumbing (fixtures) | 1,241 | 1,630 |
| Privies eliminated through installation of plumbing | 41 | 41 |
| Number of septic tanks installed | 6 | 19 |

DISINFESTING STATION:

| | | |
|----------------------------------|-------|-------|
| Baths | 3,539 | 3,401 |
| Verminous | 3 | ..... |
| Scabies | 89 | 151 |
| Disinfested | 91 | 151 |
| No. of Men Washing Clothes | 2,683 | 2,497 |
| Units Washed | 8,049 | 7,491 |

SCAVENGING CLEAN-UP WORK:

| | | |
|--|--------|--------|
| Refuse removed during Clean-up Week (cubic yards)..... | 11,766 | 12,624 |
|--|--------|--------|

ANIMALS, BARNS, STYES:

| | | |
|-----------------------|-----|-----|
| Cow owners | 171 | 247 |
| Hog owners | 51 | 78 |
| Goat owners | 15 | 23 |
| Fur farm owners | 62 | 76 |

FOOD:

| | | |
|---|-------|--------|
| Samples submitted to Provincial Laboratory..... | 2 | 15 |
| Foodstuffs condemned (lbs.) | 3,573 | 27,688 |

WATER:

| | | |
|---------------------------|-------|-------|
| Water samples taken | 33 | 20 |
| Negative | 9 | 12 |
| *Positive | 3 | 8 |
| *Suspicious ..... | ..... | ..... |
| For fluorine | 21 | ..... |
| Wells chlorinated | 2 | 1 |
| Wells placarded | 1 | ..... |
| Ice samples ..... | ..... | 1 |
| Rinse water samples..... | ..... | ..... |

*—Wells condemned or further samples taken after chlorination.

HOUSING:

Vermin, overcrowding and other insanitary conditions were checked in 216 dwellings and 271 hotels, lodging houses, apartment blocks, etc. Necessary notices were issued.

POISON GAS FUMIGATION:

Vermin were eliminated from ten establishments by hydrocyanic acid gas.

ENFORCEMENT OF REGULATIONS:

| | | |
|--------------------|-------|---|
| Prosecutions | | 1 |
|--------------------|-------|---|

FOOD INSPECTION

MEATS INSPECTED AND CONDEMNED

| | | | |
|--|--------|--------|--------|
| Beef | 1950 | 1949 | 1948 |
| No. of carcasses inspected | 2,618 | 2,763 | 3,026 |
| Carcasses condemned | 8 | 21 | 20 |
| Portions condemned | 191 | 234 | 253 |
| Weight (lbs.) of carcasses and portions condemned | 7,305 | 13,380 | 13,340 |
| Veal: | | | |
| No. of carcasses inspected | 1,642 | 2,168 | 1,886 |
| Carcasses condemned | 4 | 4 | 10 |
| Portions condemned | 49 | 69 | 35 |
| Weight (lbs.) of carcasses and portions condemned | 1,755 | 1,955 | 2,440 |
| Mutton: | | | |
| No. of carcasses inspected | 225 | 404 | 367 |
| Carcasses condemned | 5 | 9 | 8 |
| Portions condemned | 5 | 15 | 2 |
| Weight (lbs.) of carcasses and portions condemned | 345 | 645 | 430 |
| Pork: | | | |
| No. of carcasses inspected | 3,572 | 2,798 | 2,831 |
| Carcasses condemned | 17 | 21 | 33 |
| Portions condemned | 1,210 | 834 | 760 |
| Weight (lbs.) of carcasses and portions condemned | 18,607 | 15,660 | 16,540 |
| Totals: | | | |
| No. of carcasses inspected | 8,057 | 8,133 | 8,110 |
| Carcasses condemned | 34 | 55 | 71 |
| Portions condemned | 1,455 | 1,152 | 1,050 |
| Weight (lbs.) of carcasses and portions condemned | 28,012 | 31,720 | 32,750 |

CARCASSES FOUND TO BE INFECTED WITH T.B.

| | | | |
|----------------|-------|-------|-------|
| Beef: | | | |
| Infected | 8 | 18 | 25 |
| Percent | .30 | .65 | .82 |
| Pork: | | | |
| Infected | 729 | 556 | 515 |
| Percent | 20.41 | 19.83 | 18.20 |

CHIEF CAUSES OF CONDEMNATION, 1950

| Beef: | Carcasses | Portions | Weight Lbs. |
|--|-----------|----------|----------------|
| Abscess ..... | ..... | 46 | 645 |
| Abscess multiple | 1 | ..... | 400 |
| Actinomycosis ..... | ..... | 103 | 2,035 |
| Bruised | 1 | 3 | 725 |
| Emaciation | 1 | ..... | 450 |
| Tuberculosis | 1 | 12 | 725 |
| Septicemia | 1 | ..... | 550 |
| Pneumonia | 3 | ..... | 1,425 |
| Miscellaneous (adhesions, jaundice, parasites) ..... | ..... | 27 | 350 |
| | <hr/> | <hr/> | <hr/> |
| | 8 | 191 | 7,305 |
| Veal: | | | |
| Abscess ..... | ..... | 23 | 310 |
| Actinomycosis ..... | ..... | 8 | 120 |
| Abscess multiple | 1 | ..... | 220 |
| Bruised | 1 | 3 | 260 |
| Gangrene | 1 | ..... | 300 |
| Peritonitis | 1 | ..... | 400 |
| Miscellaneous (adhesions, jaundice, parasites) ..... | ..... | 15 | 145 |
| | <hr/> | <hr/> | <hr/> |
| | 4 | 49 | 1,755 |
| Mutton: | | | |
| Abscess multiple | 2 | ..... | 125 |
| Bruised ..... | ..... | 4 | 45 |
| Parasites | 2 | ..... | 105 |
| Miscellaneous (abscess, pneumonia) | 1 | 1 | 70 |
| | <hr/> | <hr/> | <hr/> |
| | 5 | 5 | 345 |
| Pork: | | | |
| Abscess multiple | 3 | ..... | 550 |
| Adhesions ..... | ..... | 89 | 1,275 |
| Arthritis | 2 | ..... | 300 |
| Contamination ..... | ..... | 155 | 2,380 |
| Parasites ..... | ..... | 144 | 428 |
| Pneumonia | 2 | ..... | 325 |
| Tuberculosis | 9 | 787 | 12,764 |
| Jaundice ..... | ..... | 19 | 275 |
| Miscellaneous (abscess, bruised, emaciation, rhinitis inf.) | 1 | 16 | 310 |
| | <hr/> | <hr/> | <hr/> |
| | 17 | 1,210 | 18,607 |

DISEASED ANIMALS

| | 1950 | 1949 | 1948 |
|--------------------------------------|--------|--------|--------|
| Beef | 184 | 221 | 245 |
| Veal | 43 | 62 | 38 |
| Mutton | 5 | 16 | 6 |
| Pork | 910 | 657 | 605 |
| Total amount of meat condemned | 28,012 | 31,640 | 32,750 |

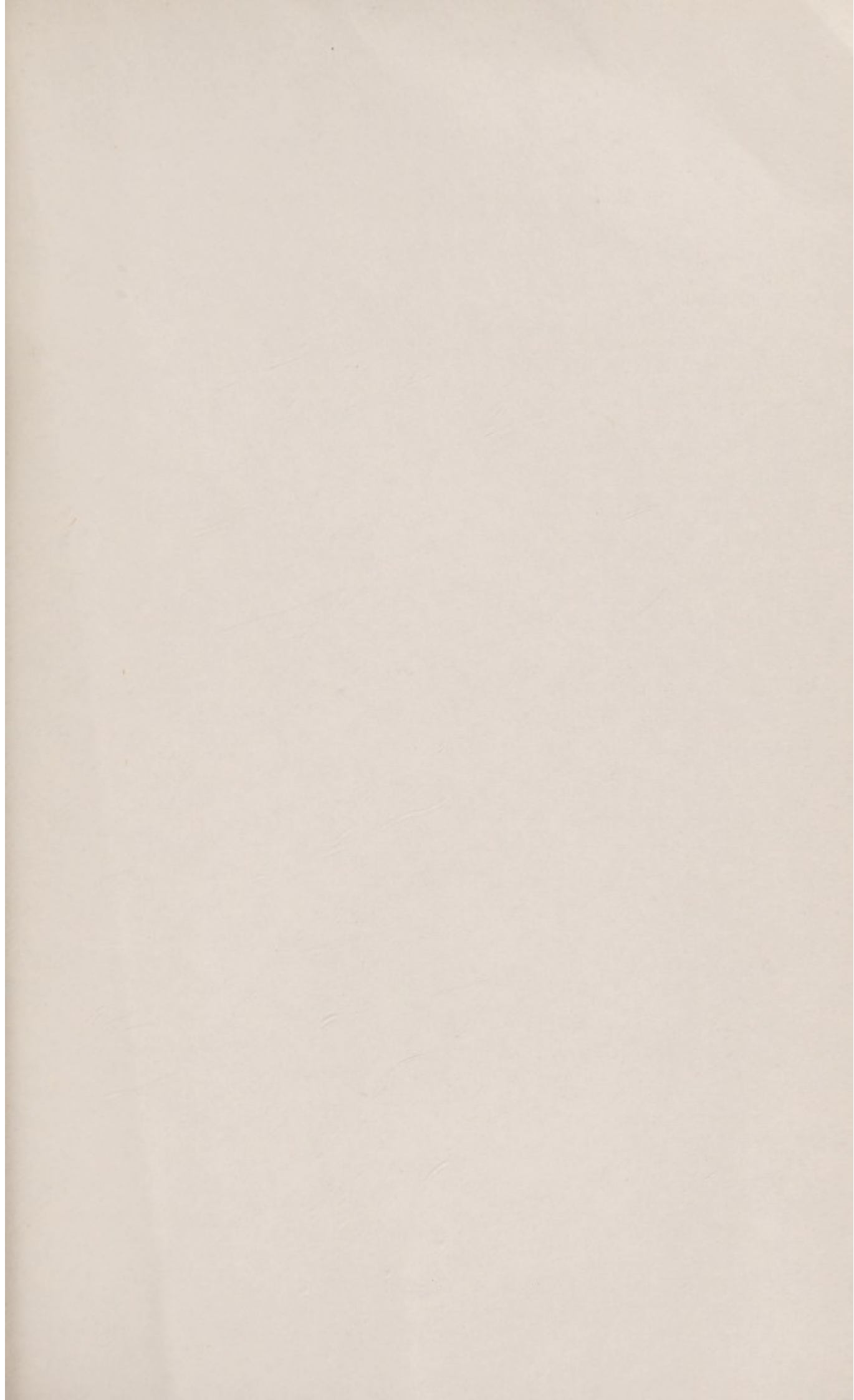
FOODSTUFFS CONDEMNED BY INSPECTORS

| | | | |
|-----------------------------------|-------|--------|--------|
| Canned goods ..... | ..... | ..... | 1 |
| Fruit and vegetables ..... | ..... | 13 | 30,085 |
| Meat | 12 | 185 | ..... |
| Fish ..... | ..... | ..... | 65 |
| Poultry | 154 | 108 | 270 |
| Damaged by fire, flood, etc. | 3,407 | 27,334 | 5,502 |
| Sundries ..... | ..... | 48 | 14 |
| Total (lbs.) | 3,573 | 27,688 | 35,937 |



MILK AND WATER REPORT

| | 1950 | | 1949 | |
|---|--------------------|--------------------|--------------------|--------------------|
| | Total No. Premises | No. of Inspections | Total No. Premises | No. of Inspections |
| Inspections: | | | | |
| Producer-distributors, raw milk | 1 | 23 | 2 | 25 |
| Producer-shippers, milk | 404 | 1,165 | 336 | 392 |
| Pasteurization Plants | 4 | 168 | 4 | 165 |
| Vehicles | | 215 | | 208 |
| Others, complaints, etc. | | 14 | | 9 |
| Licenses and Permits: | | | | |
| Retail milk certificates issued | | 568 | | 521 |
| Dairy Licenses issued | | 404 | | 376 |
| Dairy Licenses refused | | 12 | | 4 |
| Dairy Licenses suspended temporarily | | 73 | | 339 |
| Permits issued to cow keepers in the city | | 211 | | 297 |
| Samples: | | | | |
| Milk samples taken, retail | | 780 | | 827 |
| Milk samples taken, shippers | | 8,672 | | 14,804 |
| Cream samples taken | | 145 | | 22 |
| Special Milk samples | | 32 | | 5 |
| Chocolate Milk samples | | 98 | | 82 |
| Ice cream samples | | 14 | | 30 |
| TESTS—Milk: | | | | |
| Standard plate counts | | 780 | | 827 |
| Coliform tests | | 213 | | 21 |
| Phosphatase tests | | 621 | | 676 |
| Methylene Blue tests | | 8,672 | | 14,804 |
| Butterfat tests..... | | 133 | | 384 |
| Sediment tests | | | | 408 |
| Restaurants: | | | | |
| Swab tests of utensils | | 975 | | 203 |
| Water: | | | | |
| Standard plate counts | | 292 | | 292 |
| Coliform tests | | 292 | | 292 |
| Chlorine content checks | | 257 | | 260 |
| Raw river water plate counts..... | | 27 | | 29 |
| Swimming Pools: | | | | |
| Plate counts | | 142 | | 418 |
| Coliform tests | | 142 | | 418 |
| Inspections | | 77 | | |



RAIL AND WATER REPORT

| | 1911 | 1912 | 1913 | 1914 |
|-----------------------|------------------|------------------|------------------|------------------|
| Receipts | | | | |
| Freight | 1,000,000 | 1,100,000 | 1,200,000 | 1,300,000 |
| Passenger | 500,000 | 550,000 | 600,000 | 650,000 |
| Express | 100,000 | 110,000 | 120,000 | 130,000 |
| Other | 50,000 | 55,000 | 60,000 | 65,000 |
| Total Receipts | 1,650,000 | 1,815,000 | 1,980,000 | 2,145,000 |
| Expenses | | | | |
| Operating | 1,200,000 | 1,300,000 | 1,400,000 | 1,500,000 |
| Interest | 200,000 | 210,000 | 220,000 | 230,000 |
| Taxes | 100,000 | 110,000 | 120,000 | 130,000 |
| Depreciation | 150,000 | 160,000 | 170,000 | 180,000 |
| Other | 50,000 | 55,000 | 60,000 | 65,000 |
| Total Expenses | 1,700,000 | 1,835,000 | 1,970,000 | 2,105,000 |
| Net Income | -50,000 | -20,000 | 110,000 | 40,000 |

