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# LOCAL BOARD OF HEALTH

## CITY OF CALGARY HEALTH DISTRICT

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## 1974 ANNUAL REPORT

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### LOCAL BOARD OF HEALTH FOR THE CITY OF CALGARY

His Worship Mayor R. Sykes (Chairman), Ex officio

Dr. B. Truscott

Dr. M. H. MacDonald

Dr. N. Maguire

R. Weint, City Engineer, Ex-officio

\*\*\*\*\*

D. J. Hosking, M.D., D.P.H., Medical Officer of Health, ex-officio

A. E. O'Neill, M.D., D.P.H., Assistant Medical Officer of Health



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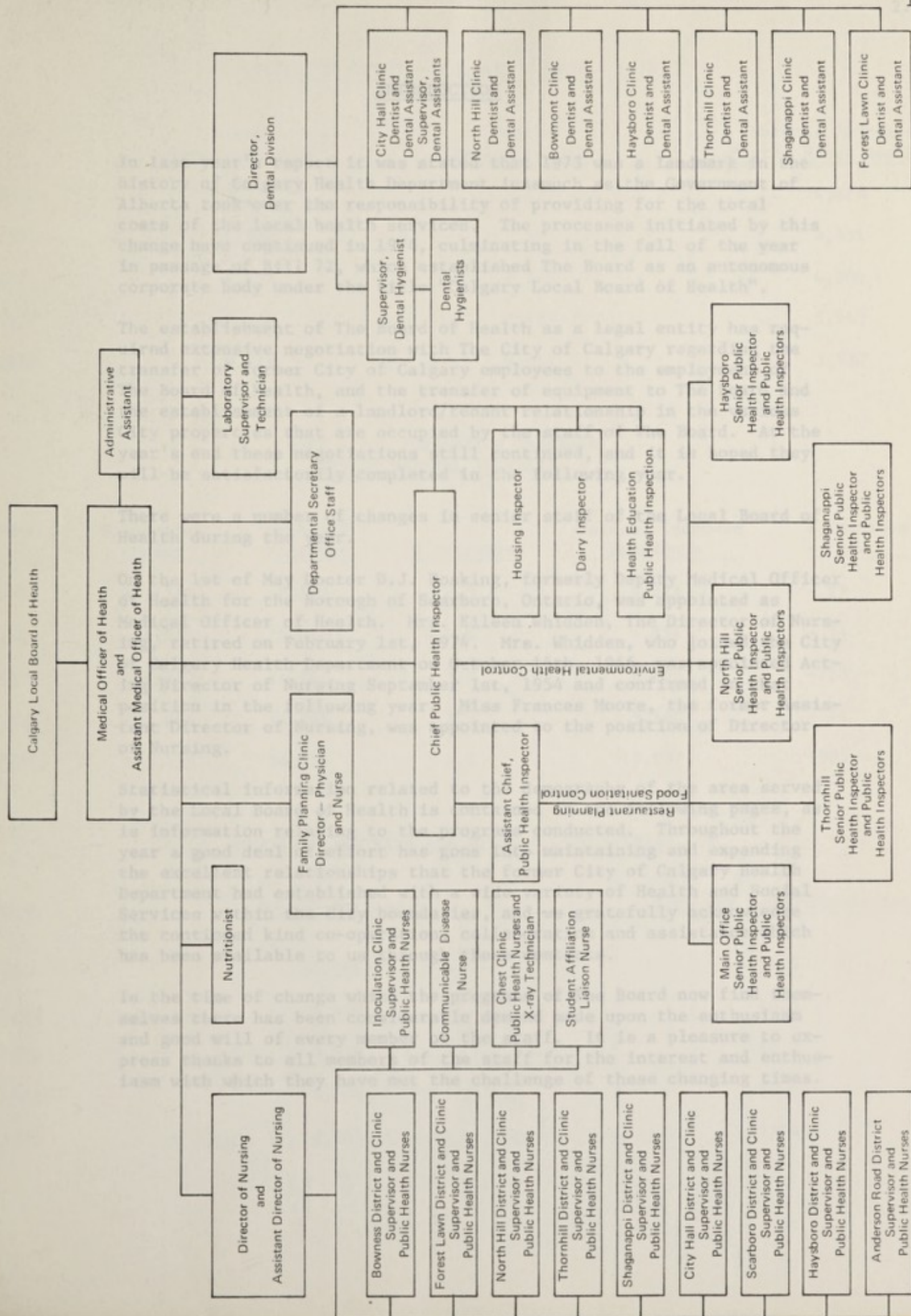
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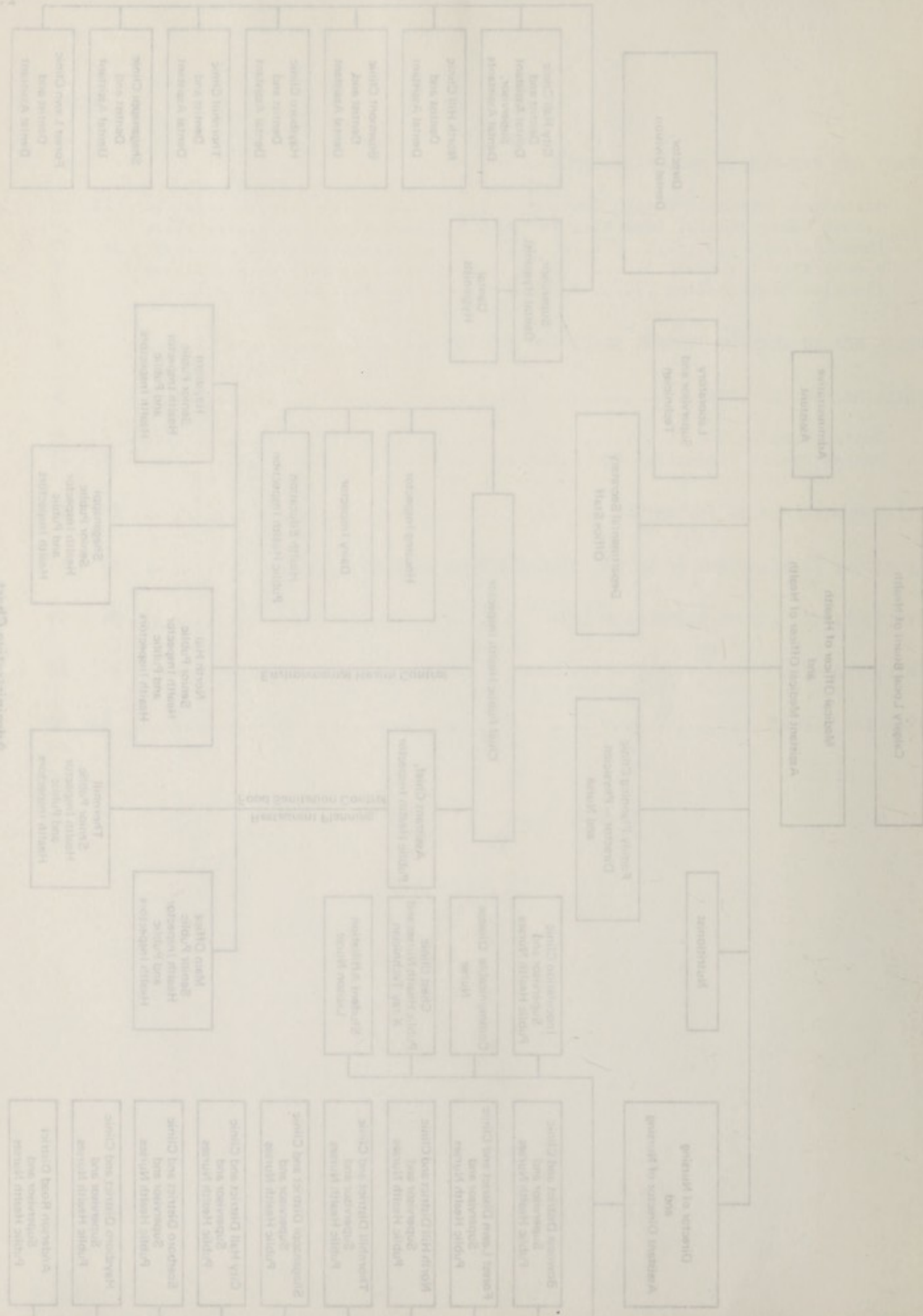
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## POPULATION GROWTH - CALGARY - 1970 - 1974

INTRODUCTION

In last year's report it was stated that 1973 was a landmark in the history of Calgary Health Department inasmuch as the Government of Alberta took over the responsibility of providing for the total costs of the local health services. The processes initiated by this change have continued in 1974, culminating in the fall of the year in passage of Bill 72, which established The Board as an autonomous corporate body under the title "Calgary Local Board of Health".

The establishment of The Board of Health as a legal entity has required extensive negotiation with The City of Calgary regarding the transfer of former City of Calgary employees to the employment of The Board of Health, and the transfer of equipment to The Board and the establishment of a landlord/tenant relationship in the various City properties that are occupied by the staff of The Board. At the year's end these negotiations still continued, and it is hoped they will be satisfactorily completed in the following year.

There were a number of changes in senior staff of the Local Board of Health during the year.

On the 1st of May Doctor D.J. Hosking, formerly Deputy Medical Officer of Health for the Borough of Scarborough, Ontario, was appointed as Medical Officer of Health. Mrs. Eileen Whidden, The Director of Nursing, retired on February 1st, 1974. Mrs. Whidden, who joined the City of Calgary Health Department on October 15th, 1946, was appointed Acting Director of Nursing September 1st, 1954 and confirmed in that position in the following year. Miss Frances Moore, the former Assistant Director of Nursing, was appointed to the position of Director of Nursing.

Statistical information related to the demography of the area served by the Local Board of Health is contained in the following pages, as is information relating to the programs conducted. Throughout the year a good deal of effort has gone into maintaining and expanding the excellent relationships that the former City of Calgary Health Department had established with a wide variety of Health and Social Services within the City boundaries, and we gratefully acknowledge the continued kind co-operation, collaboration and assistance which has been available to us through these contacts.

In the time of change which the programs of The Board now find themselves there has been considerable demand made upon the enthusiasm and good will of every member of the staff. It is a pleasure to express thanks to all members of the staff for the interest and enthusiasm with which they have met the challenge of these changing times.

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POPULATION GROWTH - CALGARY - 1970 - 1974

| <u>Year</u> | <u>Births<br/>Residents Only</u> | <u>Deaths<br/>Residents Only</u> | <u>Natural Increase<br/>Births Minus Deaths</u> |
|-------------|----------------------------------|----------------------------------|-------------------------------------------------|
| 1974        | 7,263                            | 2,439                            | 4,824                                           |
| 1973        | 7,224                            | 2,373                            | 4,851                                           |
| 1972        | 7,183                            | 2,278                            | 4,905                                           |
| 1971        | 7,586                            | 2,423                            | 5,163                                           |
| 1970        | 8,149                            | 2,212                            | 5,937                                           |

OVER - ALL POPULATION INCREASE  
VERSUS NATURAL INCREASE

| <u>Year</u> | <u>Population<br/>Census</u> | <u>Over-All<br/>Increase</u> | <u>% Increase</u> | <u>Natural Increase<br/>Residents</u> | <u>+ Previous<br/>- Year</u> |
|-------------|------------------------------|------------------------------|-------------------|---------------------------------------|------------------------------|
| 1974        | 433,389                      | 8,602                        | 2.0               | 4,824                                 | - 27                         |
| 1973        | 424,787                      | 12,010                       | 2.9               | 4,851                                 | - 54                         |
| 1972        | 412,777                      | 14,743                       | 3.7               | 4,905                                 | -258                         |
| 1971        | 398,034                      | 12,598                       | 3.3               | 5,163                                 | -774                         |
| 1970        | 385,436                      | 16,411                       | 4.4               | 5,937                                 | +595                         |

MARRIAGES AND MARRIAGE RATES - 1970 - 1974

| <u>Year</u> | <u>No. of Marriages</u> | <u>Rate per 1,000 Population</u> |
|-------------|-------------------------|----------------------------------|
| 1974        | 4,716                   | 11.0                             |
| 1973        | 4,460                   | 10.5                             |
| 1972        | 4,270                   | 10.3                             |
| 1971        | 4,178                   | 10.5                             |
| 1970        | 3,995                   | 10.4                             |

## POPULATION GROWTH - CALGARY - 1970 - 1974

| Year | Births<br>Residents Only | Deaths<br>Residents Only | Natural Increase<br>Births Minus Deaths |
|------|--------------------------|--------------------------|-----------------------------------------|
| 1974 | 7,283                    | 2,439                    | 4,844                                   |
| 1973 | 7,234                    | 2,373                    | 4,861                                   |
| 1972 | 7,183                    | 2,378                    | 4,805                                   |
| 1971 | 7,286                    | 2,423                    | 4,863                                   |
| 1970 | 8,149                    | 2,372                    | 5,777                                   |

OVER - ALL POPULATION INCREASE  
VERSUS NATURAL INCREASE

| Year | Population<br>Census | Over-All<br>Increase | Natural Increase<br>Residents | + Previous<br>- Year |
|------|----------------------|----------------------|-------------------------------|----------------------|
| 1974 | 432,389              | 8,602                | 4,844                         | - 27                 |
| 1973 | 424,787              | 12,010               | 4,861                         | - 24                 |
| 1972 | 412,777              | 14,743               | 4,805                         | -258                 |
| 1971 | 398,034              | 12,298               | 4,863                         | -774                 |
| 1970 | 385,736              | 16,411               | 5,777                         | +292                 |

## MARRIAGES AND MARRIAGE RATES - 1970 - 1974

| Year | No. of Marriages | Rate per 1,000 Population |
|------|------------------|---------------------------|
| 1974 | 4,716            | 11.0                      |
| 1973 | 4,460            | 10.2                      |
| 1972 | 4,270            | 10.3                      |
| 1971 | 4,178            | 10.2                      |
| 1970 | 3,992            | 10.4                      |

LIVE BIRTHS BY AGE OF MOTHER AND BIRTH ORDER (INCLUDING ILLEGITIMATE BIRTHS) - NON-RESIDENTS ONLY - 1974

| AGE OF MOTHER            | B I R T H   O R D E R |     |     |     |     |     |     |     |     |      |      |      |   |     | TOTALS | INFANTS BORN WITH<br>DEFORMITIES APPAR-<br>ENT AT BIRTH | SETS OF TWINS | SETS OF TRIPLETS |
|--------------------------|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|---|-----|--------|---------------------------------------------------------|---------------|------------------|
|                          | 1st                   | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 12th | 14th |   |     |        |                                                         |               |                  |
| Under 15 years           | 4                     |     |     |     |     |     |     |     |     |      |      |      |   | 4   |        |                                                         |               |                  |
| 15 - 19 years            | 125                   | 13  | 4   |     |     |     |     |     |     |      |      |      |   | 142 | 2      | *2                                                      |               |                  |
| 20 - 24 years            | 142                   | 121 | 31  | 7   |     | 1   |     |     |     |      |      |      |   | 302 | 5      | 3                                                       |               |                  |
| 25 - 29 years            | 82                    | 107 | 60  | 23  | 4   | 3   |     |     |     |      |      |      |   | 279 |        | 6                                                       |               |                  |
| 30 - 34 years            | 22                    | 26  | 22  | 11  | 7   | 3   | 4   |     | 1   | 1    |      |      |   | 97  | 1      | 2                                                       |               |                  |
| 35 - 39 years            | 3                     | 8   | 7   | 7   | 2   | 2   | 2   |     | 1   |      |      |      | 1 | 33  |        |                                                         |               |                  |
| 40 years & Over          | 1                     | 3   | 1   |     |     | 1   | 1   |     | 1   |      |      | 2    |   | 10  | 1      |                                                         |               |                  |
| 1974<br>TOTALS           | 379                   | 278 | 125 | 48  | 13  | 10  | 7   |     | 3   | 1    |      | 3    |   | 867 | 9      | 13                                                      |               |                  |
| 1973 (FOR<br>COMPARISON) | 307                   | 243 | 120 | 47  | 22  | 8   | 10  | 4   | 2   | 1    |      |      |   | 764 | 8      | 7                                                       |               |                  |

\* These two sets of twins were born to unwed mothers.

\* These are sums of values were paid to named workers.

| COMPARISON<br>TOTAL (ROW) | TOTAL | 542 | 150 | 41 | 55 | 8  | 101 | 4 | 5 | 1 |   |  |  | TOTAL | ENT. VI BIRTH<br>DEMOGRAPHICS APPAR-<br>INFLUENCE BORN WITH | SETS OF LIVING | SETS OF INTERESTS |
|---------------------------|-------|-----|-----|----|----|----|-----|---|---|---|---|--|--|-------|-------------------------------------------------------------|----------------|-------------------|
|                           |       |     |     |    |    |    |     |   |   |   |   |  |  |       |                                                             |                |                   |
| 1012                      | 316   | 518 | 152 | 42 | 13 | 10 | 1   | 1 | 3 | 1 | 2 |  |  | 801   | 8                                                           | 13             |                   |
| 1012 - 30                 | 1     | 3   | 1   |    |    | 1  | 1   | 1 | 1 |   | 5 |  |  | 10    | 1                                                           |                |                   |
| 1012 - 30                 | 2     | 0   | 1   | 1  | 5  | 5  |     | 5 | 1 |   | 1 |  |  | 23    |                                                             |                |                   |
| 1012 - 30                 | 35    | 50  | 33  | 11 | 1  | 2  | 1   | 1 | 1 | 1 |   |  |  | 19    | 1                                                           | 3              |                   |
| 1012 - 30                 | 85    | 101 | 80  | 33 | 1  | 3  |     |   |   |   |   |  |  | 518   |                                                             | 9              |                   |
| 1012 - 30                 | 141   | 131 | 31  | 1  |    | 1  |     |   |   |   |   |  |  | 305   | 2                                                           | 2              |                   |
| 1012 - 30                 | 152   | 13  | 0   |    |    |    |     |   |   |   |   |  |  | 143   | 5                                                           | 43             |                   |
| 1012 - 30                 | 1     |     |     |    |    |    |     |   |   |   |   |  |  | 4     |                                                             |                |                   |
| 1012 - 30                 | 141   | 131 | 31  | 1  |    | 1  |     |   |   |   |   |  |  | 305   | 2                                                           | 2              |                   |
| 1012 - 30                 | 152   | 13  | 0   |    |    |    |     |   |   |   |   |  |  | 143   | 5                                                           | 43             |                   |
| 1012 - 30                 | 1     |     |     |    |    |    |     |   |   |   |   |  |  | 4     |                                                             |                |                   |

BIRTH ORDER

LIVE BIRTHS BY AGE OF MOTHER AND BIRTH ORDER (INCLUDING ILLEGITIMATE BIRTHS) - CALGARY RESIDENTS ONLY - 1974

| AGE OF MOTHER         | BIRTH ORDER |       |     |     |     |     |     |     |     |      |           | TOTALS | INFANTS BORN WITH DEFORMITIES APPARENT AT BIRTH | SETS OF TWINS | SETS OF TRIPLETS |
|-----------------------|-------------|-------|-----|-----|-----|-----|-----|-----|-----|------|-----------|--------|-------------------------------------------------|---------------|------------------|
|                       | 1st         | 2nd   | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th & Up |        |                                                 |               |                  |
| Under 15 years        | 1           |       |     |     |     |     |     |     |     |      |           | 1      |                                                 |               |                  |
| 15 - 19 years         | 666         | 129   | 7   |     |     |     |     |     |     |      |           | 802    | 12                                              | 3             |                  |
| 20 - 24 years         | 1,295       | 896   | 228 | 36  | 13  |     |     |     |     |      |           | 2,468  | 26                                              | 17            |                  |
| 25 - 29 years         | 920         | 1,209 | 443 | 118 | 37  | 12  |     | 1   |     |      |           | 2,740  | 28                                              | 20            |                  |
| 30 - 34 years         | 192         | 372   | 239 | 119 | 43  | 13  | 4   | 2   |     |      |           | 984    | 13                                              | 4             | 1                |
| 35 - 39 years         | 35          | 59    | 56  | 38  | 21  | 11  | 6   | 1   | 1   | 1    | 1         | 230    | 5                                               |               |                  |
| 40 Years & over       | 2           | 8     | 9   | 5   | 6   | 3   | 3   |     | 1   |      | 1         | 38     |                                                 |               |                  |
| TOTALS 1974           | 3,111       | 2,673 | 982 | 316 | 120 | 39  | 13  | 4   | 2   | 1    | 2         | 7,263  | 84                                              | 44            | 1                |
| 1973 (FOR COMPARISON) | 3,140       | 2,566 | 980 | 338 | 125 | 41  | 17  | 10  | 4   | 1    | *2        | 7,224  | 73                                              | 71            | -                |

\* 12th and 14th child in 1973



ILLEGITIMATE LIVE BIRTHS BY AGE OF MOTHER AND BIRTH ORDER - CALGARY - 1974

| AGE OF MOTHERS        | ORDER OF BIRTH |               |           |               |           |               |           |               |           |               | Total Residents | Total Non-Residents | Total No. of Infants Born to Unwed Mothers | No. of Mothers Previously Married |   |           |               |
|-----------------------|----------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------------|---------------------|--------------------------------------------|-----------------------------------|---|-----------|---------------|
|                       | 1st            |               | 2nd       |               | 3rd       |               | 4th       |               | 5th       |               |                 |                     |                                            |                                   |   | 6th +     |               |
|                       | Residents      | Non-Residents | Residents | Non-Residents | Residents | Non-Residents | Residents | Non-Residents | Residents | Non-Residents |                 |                     |                                            |                                   |   | Residents | Non-Residents |
| 13 Years              |                |               |           |               |           |               |           |               |           |               |                 |                     |                                            |                                   |   |           |               |
| 14 Years              |                | 4             |           |               |           |               |           |               |           |               |                 | 4                   | 4                                          |                                   |   |           |               |
| 15 Years              | 22             | 2             |           |               |           |               |           |               |           |               | 22              | 2                   | 24                                         |                                   |   |           |               |
| 16 Years              | 48             | 11            |           |               |           |               |           |               |           |               | 48              | 11                  | 59                                         |                                   |   |           |               |
| 17 Years              | 76             | 28            | 5         |               |           |               |           |               |           |               | 81              | 28                  | 109                                        | 1                                 |   |           |               |
| 18 Years              | 85             | 27            | 10        | 1             |           |               |           |               |           |               | 95              | 28                  | 123                                        |                                   |   |           |               |
| 19 Years              | 63             | 21            | 12        | 3             |           | 1             |           |               |           |               | 75              | 25                  | 100                                        | 8                                 |   |           |               |
| 20-24 Years           | 132            | 23            | 62        | 8             | 25        | 3             | 5         | 3             | 3         |               | 227             | 37                  | 264                                        | 37                                | 2 |           |               |
| 25-29 Years           | 31             | 8             | 22        | 2             | 15        | 5             | 7         | 5             | 7         | 1             | 85              | 21                  | 106                                        | 35                                | 4 |           |               |
| 30-34 Years           | 8              | 2             | 5         | 2             | 5         | 1             | 3         |               | 5         |               | 28              | 9                   | 37                                         | 18                                | 1 |           |               |
| 35-39 Years           | 4              |               | 4         |               | 2         |               |           |               | 1         |               | 16              | 1                   | 17                                         | 9                                 |   |           |               |
| 40 Years +            |                |               | 1         |               | 1         |               |           |               | 2         |               | 5               | 1                   | 6                                          | 5                                 |   |           |               |
| 1974 TOTALS           | 469            | 126           | 121       | 16            | 48        | 10            | 15        | 8             | 18        | 1             | 11              | 6                   | 849                                        | 113                               | 7 |           |               |
| 1973 (FOR COMPARISON) | 420            | 99            | 60        | 15            | 40        | 9             | 22        | 5             | 12        | 4             | 16              | 8                   | 765                                        | 97                                | 4 |           |               |



## VITAL STATISTICS

## THE CHIEF CAUSES OF DEATH ARE:-

|    |                                                                                                                                                                                               |           |         |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|
| 1. | Diseases of the heart and circulatory system (Code No. A 79 - A 86) accounted for 825 deaths. Vascular lesions affecting the central nervous system (Code No. A 70) accounted for 281 deaths. | 825 + 281 | = 1,106 |
| 2. | Neoplasms of all forms (Code No. A 44 to A 60)                                                                                                                                                |           | = 662   |
| 3. | Violent and accidental deaths (Code No. AE 138 to AE 149)                                                                                                                                     |           | = 356   |
| 4. | Diseases of the respiratory system (Code No. A 87 to A 97) i.e., Influenza, Pneumonia, Bronchitis, Emphysema, Bronchiectasis, etc.                                                            |           | = 253   |
| 5. | Diseases of the digestive system (Code No. A 99 to A 107) i.e., Peptic Ulcers, Hernia, Appendicitis, Cirrhosis of Liver, Cholecystitis, etc.                                                  |           | = 175   |
| 6. | Certain diseases of early infancy, including birth injuries, infection and prematurity (Code No. A 130 to A 135)                                                                              |           | = 61    |
| 7. | Congenital malformations - deaths in all age groups (Code No. A 127 to A 129)                                                                                                                 |           | = 51    |
| 8. | Diabetes Mellitus (Code No. A 63)                                                                                                                                                             |           | = 30    |
| 9. | Diseases of the genito-urinary system (Code No. A 108 to A 114) i.e., Nephritis, Pyelitis, Renal Calculi, Prostatic Hypertrophy, etc.                                                         |           | = 50    |

## DEATHS FROM INFECTIVE DISEASES:-

|    |                                                                                                                             |  |     |
|----|-----------------------------------------------------------------------------------------------------------------------------|--|-----|
| 1. | Tuberculosis, Pulmonary, including deaths of Calgary residents in Sanatorium that were registered in Calgary (Code No. A 1) |  | = 3 |
| 2. | Infectious Hepatitis (all non-residents) (Code No. A 34)                                                                    |  | = 3 |
| 3. | Septicaemia and Pyaemia (one non-resident) (Code No. A 20)                                                                  |  | = 3 |
| 4. | Meningococcal Infection (Code No. A 23)                                                                                     |  | = 1 |
| 5. | Acute Viral Infection (Code No. A 43)                                                                                       |  | = 4 |
| 6. | Acute Infectious Encephalitis (Code No. A 29)                                                                               |  | = 1 |
| 7. | Herpes Simplex Encephalitis (Code No. A 43)                                                                                 |  | = 1 |
| 8. | Sarcoidosis (Code No. A 43)                                                                                                 |  | = 1 |
| 9. | Syphilis (Code No. A 10)                                                                                                    |  | = 1 |

# THE CHIEF CAUSES OF DEATH ARE:-

|    |                                                                                                                                                                                               |           |         |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|
| 1. | Diseases of the heart and circulatory system (Code No. A 79 - A 86) accounted for 825 deaths. Vascular lesions affecting the central nervous system (Code No. A 70) accounted for 281 deaths. | 825 + 281 | = 1,106 |
| 2. | Neoplasms of all forms (Code No. A 44 to A 60)                                                                                                                                                |           | = 682   |
| 3. | Violent and accidental deaths (Code No. AE 138 to AE 149)                                                                                                                                     |           | = 326   |
| 4. | Diseases of the respiratory system (Code No. A 87 to A 97) i.e., Influenza, Pneumonia, Bronchitis, Emphysema, Bronchiectasis, etc.                                                            |           | = 252   |
| 5. | Diseases of the digestive system (Code No. A 98 to A 107) i.e., Peptic Ulcers, Hernia, Appendicitis, Cirrhosis of Liver, Cholecystitis, etc.                                                  |           | = 172   |
| 6. | Certain diseases of early infancy, including birth injuries, infection and prematurity (Code No. A 130 to A 132)                                                                              |           | = 61    |
| 7. | Congenital malformations - deaths in all age groups (Code No. A 112 to A 129)                                                                                                                 |           | = 51    |
| 8. | Diabetes Mellitus (Code No. A 63)                                                                                                                                                             |           | = 30    |
| 9. | Diseases of the genito-urinary system (Code No. A 108 to A 114) i.e., Nephritis, Pyelitis, Renal Calculi, Prostatic Hypertrophy, etc.                                                         |           | = 20    |

## DEATHS FROM INFECTIVE DISEASES:-

|    |                                                                                                                             |  |     |
|----|-----------------------------------------------------------------------------------------------------------------------------|--|-----|
| 1. | Tuberculosis, Pulmonary, including deaths of Calgary residents in Sanatorium that were registered in Calgary (Code No. A 1) |  | = 3 |
| 2. | Infectious Hepatitis (all non-residents) (Code No. A 14)                                                                    |  | = 3 |
| 3. | Septicæmia and Pyæmia (one non-resident) (Code No. A 20)                                                                    |  | = 1 |
| 4. | Meningococcal Infection (Code No. A 23)                                                                                     |  | = 4 |
| 5. | Acute Viral Infection (Code No. A 43)                                                                                       |  | = 1 |
| 6. | Acute Infectious Encephalitis (Code No. A 29)                                                                               |  | = 1 |
| 7. | Herpes Simplex Encephalitis (Code No. A 45)                                                                                 |  | = 1 |
| 8. | Sarcoidosis (Code No. A 43)                                                                                                 |  | = 1 |
| 9. | Syphilis (Code No. A 10)                                                                                                    |  | = 1 |

# VITAL STATISTICS - 1974

## LIVE BIRTHS - 1970 - 1974

Out of 8,130 live-born babies born in Calgary in 1974, 656 were premature (the weight recorded as 5½ pounds and less) - - this represents 8.1% of all births

| Year | Population | Births Incl. Non-Residents | Rate per 1,000 Population | Births Residents Only | Rate per 1,000 Population |
|------|------------|----------------------------|---------------------------|-----------------------|---------------------------|
| 1974 | 433,389    | 8,130                      | 18.8                      | 7,263                 | 16.8                      |
| 1973 | 424,787    | 7,988                      | 18.8                      | 7,224                 | 17.0                      |
| 1972 | 412,777    | 7,967                      | 19.3                      | 7,183                 | 17.4                      |
| 1971 | 398,034    | 8,408                      | 21.1                      | 7,586                 | 19.0                      |
| 1970 | 385,436    | 9,136                      | 23.7                      | 8,149                 | 21.1                      |

## STILLBIRTHS - 1970 - 1974

| Year | No. of Stillbirths Incl. Non-Residents | Rate per 1,000 Live Births Gross | Stillbirths Residents Only | Rate per 1,000 Live Births net |
|------|----------------------------------------|----------------------------------|----------------------------|--------------------------------|
| 1974 | 63                                     | 7.7                              | 53                         | 7.3                            |
| 1973 | 67                                     | 8.4                              | 59                         | 8.2                            |
| 1972 | 68                                     | 8.5                              | 63                         | 8.8                            |
| 1971 | 89                                     | 10.6                             | 77                         | 10.1                           |
| 1970 | 112                                    | 12.2                             | 101                        | 12.4                           |

## MARRIAGES - 1974

Number of marriages performed in the City of Calgary in 1974 was 4,716. This represents a rate of 11.0 per 1,000 population.

## DEATHS AND MORTALITY RATES - 1970 - 1974

| Year | No. of Deaths Incl. Non-Residents | Rate per 1,000 Population | No. of Deaths Residents Only | Rate per 1,000 Population |
|------|-----------------------------------|---------------------------|------------------------------|---------------------------|
| 1974 | 2,927                             | 6.8                       | 2,439                        | 5.6                       |
| 1973 | 2,762                             | 6.5                       | 2,373                        | 5.6                       |
| 1972 | 2,626                             | 6.4                       | 2,278                        | 5.5                       |
| 1971 | 2,810                             | 7.0                       | 2,423                        | 6.1                       |
| 1970 | 2,591                             | 6.7                       | 2,212                        | 5.7                       |

# VITAL STATISTICS

## LIVE BIRTHS - 1970 - 1974

Out of 8,130 live-born babies born in Calgary in 1974, 636 were premature (the weight recorded as 5 1/2 pounds and less) - this represents 8.1% of all births

| Year | Population | Births Incl. Non-Residents | Rate per 1,000 Population | Births Residents Only | Rate per 1,000 Population |
|------|------------|----------------------------|---------------------------|-----------------------|---------------------------|
| 1974 | 433,389    | 8,130                      | 18.8                      | 7,263                 | 16.8                      |
| 1973 | 424,787    | 7,988                      | 18.8                      | 7,224                 | 17.0                      |
| 1972 | 412,777    | 7,967                      | 19.3                      | 7,183                 | 17.4                      |
| 1971 | 398,034    | 8,408                      | 21.1                      | 7,286                 | 19.0                      |
| 1970 | 382,436    | 9,136                      | 23.7                      | 8,149                 | 21.1                      |

## STILLBIRTHS - 1970 - 1974

| Year | No. of Stillbirths Incl. Non-Residents | Rate per 1,000 Live Births Gross | Stillbirths Residents Only | Rate per 1,000 Live Births net |
|------|----------------------------------------|----------------------------------|----------------------------|--------------------------------|
| 1974 | 63                                     | 7.7                              | 23                         | 7.3                            |
| 1973 | 67                                     | 8.4                              | 29                         | 8.2                            |
| 1972 | 68                                     | 8.2                              | 63                         | 8.8                            |
| 1971 | 89                                     | 10.6                             | 77                         | 10.1                           |
| 1970 | 112                                    | 12.2                             | 101                        | 12.4                           |

## MARRIAGES - 1974

Number of marriages performed in the City of Calgary in 1974 was 4,716. This represents a rate of 11.0 per 1,000 population.

## DEATHS AND MORTALITY RATES - 1970 - 1974

| Year | No. of Deaths Incl. Non-Residents | Rate per 1,000 Population | No. of Deaths Residents Only | Rate per 1,000 Population |
|------|-----------------------------------|---------------------------|------------------------------|---------------------------|
| 1974 | 2,927                             | 6.8                       | 2,429                        | 5.6                       |
| 1973 | 2,762                             | 6.2                       | 2,273                        | 5.6                       |
| 1972 | 2,626                             | 6.4                       | 2,278                        | 5.2                       |
| 1971 | 2,810                             | 7.0                       | 2,423                        | 6.1                       |
| 1970 | 2,291                             | 6.7                       | 2,212                        | 5.7                       |

INFANT DEATHS AND MORTALITY RATES - 1970 - 1974

MATERNAL MORTALITY (INCLUDING NON-RESIDENTS) - 1970 - 1974

| Deaths Within<br>First Year of Life | 1974  |      | 1973  |      | 1972  |      | 1971  |      | 1970  |      |
|-------------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
|                                     | Gross | Net  | Gross | Net  | Gross | Net  | Gross | Net  | Gross | Net  |
| Number of Infant Deaths             | 128   | 91   | 115   | 86   | 139   | 105  | 178   | 142  | 159   | 132  |
| Rate per 1,000 Live Births          | 15.8  | 12.5 | 14.4  | 11.9 | 17.4  | 14.6 | 19.5  | 17.4 | 19.0  | 17.8 |

Gross - Includes Non-Residents; Net - Residents Only

CAUSES OF INFANT DEATHS - 1970 - 1974

| CAUSE OF INFANT DEATH                                                                    | 1974 | 1973 | 1972 | 1971 | 1970 |
|------------------------------------------------------------------------------------------|------|------|------|------|------|
| Immaturity and ill-defined diseases of early infancy<br>(Code No. A 135)                 | 25   | 38   | 68   | 85   | 83   |
| Congenital malformations (A 127 to A 129)                                                | 35   | 37   | 32   | 33   | 39   |
| Acute respiratory infections including Pneumonia and<br>Bronchitis (A 132, A 87 to A 97) | 2    | 10   | 9    | 13   | 21   |
| *Accidental Causes (AE138 to AE147)                                                      | 1    | 9    | 5    | 5    | 9    |
| Injuries at birth (A 130)                                                                | 10   | 9    | -    | 2    | 5    |
| Haemolytic Disease of the Newborn (A133)                                                 | 1    | 3    | -    | 1    | 4    |
| Postnatal Asphyxia and Atelectasis (A131)                                                | 3    | 2    | 5    | 5    | 5    |
| Non-Meningococcal Meningitis (A71)                                                       | -    | 2    | 4    | 4    | 2    |
| Gastro-Intestinal Disorders (A101 to A107)                                               | 5    | 1    | -    | 1    | 1    |
| Infectious Hepatitis (A34)                                                               | -    | 1    | -    | -    | -    |
| Measles (A 32)                                                                           | 1    | -    | -    | -    | -    |
| Meningococcal Infection (A23)                                                            | -    | -    | 1    | -    | 1    |
| Septicaemia (A20)                                                                        | -    | -    | -    | -    | 1    |
| Malignant Neoplasm (A44 to A59)                                                          | 1    | -    | -    | -    | 3    |
| All other and unknown causes                                                             | 44   | 3    | 15   | 14   | 4    |
|                                                                                          | 128  | 115  | 139  | 164  | 178  |

# INFANT DEATHS AND MORTALITY RATES - 1970 - 1974

| Deaths Within<br>First Year of Life | 1974  |      | 1973  |      | 1972  |      | 1971  |      | 1970  |      |
|-------------------------------------|-------|------|-------|------|-------|------|-------|------|-------|------|
|                                     | Gross | Net  | Gross | Net  | Gross | Net  | Gross | Net  | Gross | Net  |
| Number of Infant Deaths             | 128   | 91   | 112   | 86   | 109   | 102  | 178   | 141  | 159   | 137  |
| Rate per 1,000 Live Births          | 15.8  | 12.2 | 14.4  | 11.9 | 17.4  | 14.6 | 19.2  | 17.4 | 19.9  | 17.8 |

Gross - Includes Non-Residents; Net - Residents Only

## CAUSES OF INFANT DEATHS - 1970 - 1974

| CAUSE OF INFANT DEATH                                                                    | 1974 | 1973 | 1972 | 1971 | 1970 |
|------------------------------------------------------------------------------------------|------|------|------|------|------|
| Immaturity and ill-defined diseases of early infancy<br>(Code No. A 122)                 | 25   | 38   | 68   | 82   | 83   |
| Congenital malformations (A 127 to A 129)                                                | 12   | 37   | 32   | 33   | 39   |
| Acute respiratory infections including pneumonia and<br>bronchitis (A 131, A 87 to A 97) | 2    | 10   | 9    | 13   | 21   |
| Accidental Causes (A2138 to A2147)                                                       | 1    | 9    | 2    | 2    | 9    |
| Injuries at birth (A 130)                                                                | 10   | 9    | -    | 2    | 2    |
| Hemolytic Disease of the Newborn (A133)                                                  | 1    | 3    | -    | 1    | 4    |
| Postnatal Asphyxia and Atelectasis (A131)                                                | 3    | 2    | 2    | 2    | 2    |
| Non-Meningococcal Meningitis (A71)                                                       | -    | 2    | 4    | 4    | 2    |
| Gastro-Intestinal Disorders (A101 to A107)                                               | 2    | 1    | -    | 1    | 1    |
| Infectious Hepatitis (A74)                                                               | -    | 1    | -    | -    | -    |
| Measles (A 32)                                                                           | 1    | -    | -    | -    | -    |
| Meningococcal Infection (A23)                                                            | -    | -    | 1    | -    | 1    |
| Septicemia (A20)                                                                         | -    | -    | -    | -    | 1    |
| Malignant Neoplasms (A44 to A59)                                                         | 1    | -    | -    | -    | 2    |
| All other and unknown causes                                                             | 46   | 3    | 12   | 14   | 4    |
|                                                                                          | 128  | 112  | 139  | 164  | 178  |

MATERNAL MORTALITY (INCLUDING NON-RESIDENTS) - 1970 - 1974

| Year | Live Births | Number of Maternal Deaths |              | Rate per 1,000 Live Births |
|------|-------------|---------------------------|--------------|----------------------------|
|      |             | Resident                  | Non-Resident |                            |
| 1974 | 8,130       | 1                         | -            | 0.12                       |
| 1973 | 7,988       | -                         | -            | -                          |
| 1972 | 7,967       | 1                         | -            | 0.13                       |
| 1971 | 8,408       | 1                         | -            | 0.12                       |
| 1970 | 9,136       | -                         | 1            | 0.11                       |

CAUSES OF MATERNAL DEATHS - 1973 - 1974

|                                                               | Number Including Non-Residents |      | Residents Only |      |
|---------------------------------------------------------------|--------------------------------|------|----------------|------|
|                                                               | 1974                           | 1973 | 1974           | 1973 |
|                                                               |                                |      |                |      |
| Sepsis of pregnancy & the puerperium                          | -                              | -    | -              | -    |
| Toxaemias of pregnancy & the puerperium                       | -                              | -    | -              | -    |
| Accidents of pregnancy & childbirth                           | -                              | -    | -              | -    |
| Abortions -- Septic & Non-Septic                              | -                              | -    | -              | -    |
| Other complications of pregnancy, Childbirth & the puerperium | 1                              | -    | -              | -    |

MATERNAL MORTALITY (INCLUDING NON-RESIDENTS) - 1970 - 1974

| Year | Live Births | Number of Maternal Deaths |              | Rate per 1,000 Live Births |
|------|-------------|---------------------------|--------------|----------------------------|
|      |             | Resident                  | Non-Resident |                            |
| 1974 | 8,130       | 1                         | -            | 0.12                       |
| 1973 | 7,988       | -                         | -            | -                          |
| 1972 | 7,967       | 1                         | -            | 0.12                       |
| 1971 | 8,408       | 1                         | -            | 0.12                       |
| 1970 | 9,136       | -                         | 1            | 0.11                       |

CAUSES OF MATERNAL DEATHS - 1973 - 1974

|                                                               | Number Including Non-Residents |      | Residents Only |      |
|---------------------------------------------------------------|--------------------------------|------|----------------|------|
|                                                               | 1974                           | 1973 | 1974           | 1973 |
| Septic of pregnancy & the puerperium                          | -                              | -    | -              | -    |
| Toxemia of pregnancy & the puerperium                         | -                              | -    | -              | -    |
| Accidents of pregnancy & childbirth                           | -                              | -    | -              | -    |
| Abortions -- Septic & Non-Septic                              | -                              | -    | -              | -    |
| Other complications of pregnancy, childbirth & the puerperium | 1                              | -    | -              | -    |

REPORTED CASES AND DEATHS FROM TUBERCULOSIS - CALGARY RESIDENTS - 1970 - 1974

| Year | New Active Cases | Number Died In Calgary | Number Died In Sanatoria Outside Calgary | Total Deaths | Death Rate Per 100,000 Population |
|------|------------------|------------------------|------------------------------------------|--------------|-----------------------------------|
| 1974 | 41               | 1                      | 2                                        | 3            | 0.7                               |
| 1973 | 34               | 1                      | 2                                        | 3            | 0.7                               |
| 1972 | 38               | 1                      | 1                                        | 2            | 0.5                               |
| 1971 | 33               | -                      | 4                                        | 4            | 1.0                               |
| 1970 | 57               | 2                      | 2                                        | 4            | 1.0                               |

REPORTED CASES AND DEATHS FROM CHICKENPOX, DIPHTHERIA,  
INFECTIOUS HEPATITIS, MEASLES, MENINGOCOCCAL MENINGITIS,  
PERTUSSIS, SALMONELLA INFECTION, ETC. - RESIDENTS ONLY - 1972 - 1974

| COMMUNICABLE DISEASE         | C A S E S |       |       | D E A T H S |      |      | Mortality Rate Per 100,000 Population |      |      |
|------------------------------|-----------|-------|-------|-------------|------|------|---------------------------------------|------|------|
|                              | 1972      | 1973  | 1974  | 1972        | 1973 | 1974 | 1972                                  | 1973 | 1974 |
| Chickenpox                   | 1,507     | 1,682 | 1,468 | -           | -    | -    | -                                     | -    | -    |
| Diphtheria                   | -         | -     | -     | -           | -    | -    | -                                     | -    | -    |
| Infectious Hepatitis         | 410       | 401   | 212   | 1           | 2    | 3    | 0.2                                   | 0.5  | 0.7  |
| Measles                      | 34        | 75    | 1,853 | -           | -    | 1    | -                                     | -    | 0.2  |
| Meningococcal Meningitis     | 4         | 4     | 5     | 2           | 1    | 1    | 0.5                                   | 0.2  | 0.2  |
| Pertussis                    | 35        | 10    | 20    | 1           | -    | -    | 0.2                                   | -    | -    |
| Rubella (Death of a Newborn) | 186       | 94    | 359   | -           | -    | -    | -                                     | -    | -    |
| Salmonella Infection         | 121       | 179   | 67    | -           | -    | -    | -                                     | -    | -    |
| Syphilis                     | 41        | 36    | 36    | 1           | 1    | 1    | 0.2                                   | 0.2  | 0.2  |

REPORTED CASES AND DEATHS FROM TUBERCULOSIS - CALGARY RESIDENTS - 1970 - 1974

| Year | New Active Cases | Number Died In Calgary | Number Died In Hospitals Outside Calgary | Total Deaths | Death Rate Per 100,000 Population |
|------|------------------|------------------------|------------------------------------------|--------------|-----------------------------------|
| 1974 | 41               | 1                      | 2                                        | 3            | 0.7                               |
| 1973 | 34               | 1                      | 2                                        | 3            | 0.7                               |
| 1972 | 28               | 1                      | 1                                        | 2            | 0.5                               |
| 1971 | 33               | -                      | 4                                        | 4            | 1.0                               |
| 1970 | 27               | 2                      | 2                                        | 4            | 1.0                               |

REPORTED CASES AND DEATHS FROM CHICKENPOX, DIPHTHERIA, INFECTIOUS HEPATITIS, MEASLES, MENINGOCOCCAL MENINGITIS, PERTUSSIS, SALMONELLA INFECTION, ETC. - RESIDENTS ONLY - 1972 - 1974

| COMMUNICABLE DISEASE         |       |       |       | C A S E S |      |      | D E A T H S |      |      | Mortality Rate<br>Per 100,000<br>Population |      |      |
|------------------------------|-------|-------|-------|-----------|------|------|-------------|------|------|---------------------------------------------|------|------|
|                              | 1972  | 1973  | 1974  | 1972      | 1973 | 1974 | 1972        | 1973 | 1974 | 1972                                        | 1973 | 1974 |
| Chickenpox                   | 1,207 | 1,682 | 1,468 | -         | -    | -    | -           | -    | -    | -                                           | -    | -    |
| Diphtheria                   | -     | -     | -     | -         | -    | -    | -           | -    | -    | -                                           | -    | -    |
| Infectious Hepatitis         | 410   | 401   | 212   | 1         | 2    | 3    | 0.2         | 0.2  | 0.2  | 0.2                                         | 0.2  | 0.7  |
| Measles                      | 34    | 72    | 1,822 | -         | -    | 1    | -           | -    | -    | -                                           | -    | 0.2  |
| Meningococcal Meningitis     | 4     | 4     | 2     | 2         | 1    | 1    | 0.2         | 0.2  | 0.2  | 0.2                                         | 0.2  | 0.2  |
| Pertussis                    | 32    | 20    | 20    | 1         | -    | -    | 0.2         | -    | -    | -                                           | -    | -    |
| Rubella (Death of a Newborn) | 186   | 94    | 229   | -         | -    | -    | -           | -    | -    | -                                           | -    | -    |
| Salmonella Infection         | 121   | 129   | 82    | -         | -    | -    | -           | -    | -    | -                                           | -    | -    |
| Syphilis                     | 41    | 36    | 36    | 1         | 1    | 1    | 0.2         | 0.2  | 0.2  | 0.2                                         | 0.2  | 0.2  |

## CAUSES OF DEATH BY AGE AND SEX (NON-RESIDENTS INCLUDED) - 1974

## ABBREVIATED LIST OF 15 CAUSES OF DEATH

|                                                                                                       | Male | Female | Under 1 year | 1 - 4 yrs. | 5 - 14 yrs. | 15 - 24 yrs. | 25 - 44 yrs. | 45 - 64 yrs. | 65 yrs. & up | TOTALS |
|-------------------------------------------------------------------------------------------------------|------|--------|--------------|------------|-------------|--------------|--------------|--------------|--------------|--------|
| 1. Infective & parasitis diseases                                                                     | 14   | 4      | 4            | 1          | 2           |              | 2            | 3            | 6            | 18     |
| 2. Neoplasms - All forms                                                                              | 352  | 310    | 1            | 4          | 10          | 7            | 40           | 218          | 382          | 662    |
| 3. Allergic, endocrine system, metabolic & nutritional diseases, diseases of the blood forming organs | 28   | 31     |              | 1          | 1           | 4            | 2            | 24           | 27           | 59     |
| 4. Mental, psychoneurotic & personality disorders (Alcoholism)                                        | 20   | 10     |              |            |             |              | 9            | 14           | 5            | 30     |
| 5. Diseases of the nervous system & sense organs (including Apoplexy)                                 | 161  | 154    |              | 1          |             | 4            | 11           | 63           | 236          | 315    |
| 6. Diseases of the circulatory system                                                                 | 511  | 314    |              |            |             | 3            | 25           | 181          | 616          | 825    |
| 7. Diseases of the respiratory system                                                                 | 170  | 83     |              | 5          | 1           |              | 6            | 31           | 210          | 253    |
| 8. Diseases of the digestive system                                                                   | 115  | 60     | 5            | 1          | 3           | 2            | 20           | 55           | 89           | 175    |
| 9. Diseases of the genito-urinary system                                                              | 37   | 13     |              |            | 1           |              | 8            | 8            | 33           | 50     |
| 10. Deliveries & complications of pregnancies, childbirth & puerperium                                |      | 1      |              |            |             |              | 1            |              |              | 1      |
| 11. Diseases of the skin & cellular tissue, diseases of the bones & organs of movement                | 8    | 11     |              |            |             | 1            | 1            | 5            | 12           | 19     |
| 12. Congenital malformations                                                                          | 33   | 18     | 35           | 3          | 4           | 3            | 3            | 3            |              | 51     |
| 13. Certain diseases of early infancy (including prematurity & birth injuries)                        | 35   | 26     | 61           |            |             |              |              |              |              | 61     |
| 14. Symptoms, senility, ill-defined & unknown causes of mortality                                     | 33   | 19     | 20           | 2          |             | 2            | 4            | 7            | 17           | 52     |
| 15. Accidents, poisonings & violence                                                                  | 240  | 115    | 2            | 12         | 18          | 89           | 87           | 64           | 83           | 355    |

CAUSES OF DEATH BY AGE AND SEX (NON-RESIDENTS INCLUDED) - 1974  
 ABBREVIATED LIST OF 15 CAUSES OF DEATH

|                                                                                                       | Male | Female | Under 1 year | 1 - 4 yrs. | 5 - 14 yrs. | 15 - 24 yrs. | 25 - 44 yrs. | 45 - 64 yrs. | 65 yrs. & up | TOTALS |
|-------------------------------------------------------------------------------------------------------|------|--------|--------------|------------|-------------|--------------|--------------|--------------|--------------|--------|
| 1. Infective & parasitic diseases                                                                     | 14   | 4      | 4            | 1          | 2           |              | 2            | 3            | 6            | 18     |
| 2. Neoplasms - All forms                                                                              | 352  | 310    | 1            | 4          | 10          | 7            | 40           | 218          | 382          | 663    |
| 3. Allergic, endocrine system, metabolic & nutritional diseases, diseases of the blood forming organs | 28   | 31     |              | 1          | 1           | 4            | 2            | 24           | 27           | 59     |
| 4. Mental, psychoneurotic & personality disorders (Alcoholism)                                        | 20   | 10     |              |            |             |              | 9            | 16           | 5            | 30     |
| 5. Diseases of the nervous system & sense organs (including Apoplexy)                                 | 161  | 154    |              | 1          |             | 4            | 11           | 63           | 236          | 315    |
| 6. Diseases of the circulatory system                                                                 | 211  | 214    |              |            |             | 3            | 25           | 181          | 616          | 825    |
| 7. Diseases of the respiratory system                                                                 | 170  | 83     |              | 2          | 1           |              | 6            | 31           | 210          | 282    |
| 8. Diseases of the digestive system                                                                   | 112  | 60     | 2            | 1          | 3           | 2            | 20           | 55           | 89           | 177    |
| 9. Diseases of the genito-urinary system                                                              | 37   | 13     |              |            | 1           |              | 8            | 8            | 23           | 50     |
| 10. Deliveries & complications of pregnancies, childbirth & puerperium                                |      | 1      |              |            |             |              | 1            |              |              | 1      |
| 11. Diseases of the skin & cellular tissue, diseases of the bones & organs of movement                | 8    | 11     |              |            |             | 1            | 1            | 2            | 12           | 21     |
| 12. Congenital malformations                                                                          | 33   | 18     | 25           | 3          | 4           | 3            | 3            | 2            |              | 61     |
| 13. Certain diseases of early infancy (including prematurity & birth injuries)                        | 35   | 28     | 61           |            |             |              |              |              |              | 124    |
| 14. Symptom, sensibility, ill-defined & unknown causes of mortality                                   | 33   | 19     | 20           | 2          |             | 2            | 4            | 7            | 17           | 82     |
| 15. Accidents, poisonings & violence                                                                  | 240  | 112    | 2            | 12         | 18          | 89           | 87           | 64           | 83           | 505    |

## CAUSES OF DEATHS - 1974

## Intermediate List of 150 Causes of Death

| List No. | Causes of Death                                        | Sex    | TOTAL    | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|--------------------------------------------------------|--------|----------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                        |        |          |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
| A 1      | Tuberculosis of respiratory system                     | M<br>F | 3        | 3         |               |              |       |        | 1       |         |         | 2               |
| A 10     | All Other Syphilis                                     | M<br>F | 1        | 1         |               |              |       |        |         |         |         | 1               |
| A 16     | Dysentery, all forms                                   | M<br>F | 1        |           | 1             | 1            |       |        |         |         |         |                 |
| A 20     | Septicaemia & Pyaemia                                  | M<br>F | 3        | 2         | 1             |              |       |        |         |         | 1       | 2               |
| A 23     | Meningococcal Infections                               | M<br>F | 1        | 1         |               |              |       |        |         |         | 1       |                 |
| A 29     | Acute Infectious Encephalitis                          | M<br>F | 1        |           | 1             |              |       |        |         |         | 1       |                 |
| A 32     | Measles                                                | M<br>F | 1        |           | 1             | 1            |       |        |         |         |         |                 |
| A 34     | Infectious Hepatitis                                   | M<br>F | 1<br>2   |           | 1<br>2        |              |       | 1      |         | 1       |         | 1               |
| A 43     | All other diseases classified as Infective & Parasitic | M<br>F | 3<br>1   | 2<br>1    | 1             | 1<br>1       | 1     |        | 1       | 1       |         |                 |
| A 44     | Malignant neoplasm of buccal cavity                    | M<br>F | 9<br>5   | 8<br>5    | 1             |              |       |        |         |         | 7<br>2  | 2<br>3          |
| A 45     | Malignant neoplasm of esophagus                        | M<br>F | 9<br>5   | 7<br>5    | 2             |              |       |        |         |         | 4<br>3  | 5<br>2          |
| A 46     | Malignant neoplasm of stomach                          | M<br>F | 24<br>18 | 22<br>14  | 2<br>4        |              |       |        |         | 2<br>1  | 5<br>1  | 17<br>16        |
|          | Carried Forward                                        |        | 88       | 71        | 17            | 4            | 1     | 1      | 1       | 5       | 25      | 51              |

## CAUSES OF DEATHS - 1974

## Intermediate List of 120 Causes of Death

| List No. | Causes of Death                                        | Sex    | TOTAL | Residence | Non-Residence | AGE AT DEATH |       |        |         |         |         |
|----------|--------------------------------------------------------|--------|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|
|          |                                                        |        |       |           |               | Under 1 Yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 84 |
| A 1      | Tuberculosis of respiratory system                     | M<br>F | 3     | 3         |               |              |       |        | 1       |         |         |
| A 10     | All Other Syphilis                                     | M<br>F | 1     | 1         |               |              |       |        |         |         |         |
| A 16     | Dysentery, all forms                                   | M<br>F | 1     |           | 1             | 1            |       |        |         |         |         |
| A 20     | Septicemia & Pyemia                                    | M<br>F | 3     | 2         | 1             |              |       |        |         |         | 1       |
| A 23     | Meningococcal Infections                               | M<br>F | 1     | 1         |               |              |       |        |         |         | 1       |
| A 29     | Acute Infectious Encephalitis                          | M<br>F | 1     |           | 1             |              |       |        |         |         | 1       |
| A 32     | Measles                                                | M<br>F | 1     |           | 1             | 1            |       |        |         |         |         |
| A 34     | Infectious Hepatitis                                   | M<br>F | 1     | 2         | 1             |              |       | 1      |         | 1       |         |
| A 43     | All other diseases classified as Infective & Parasitic | M<br>F | 3     | 1         | 2             | 1            | 1     |        |         | 1       |         |
| A 44     | Malignant neoplasms of buccal cavity                   | M<br>F | 3     | 2         | 1             |              |       |        |         |         | 2       |
| A 45     | Malignant neoplasms of esophagus                       | M<br>F | 9     | 3         | 6             |              |       |        |         |         | 4       |
| A 46     | Malignant neoplasms of stomach                         | M<br>F | 24    | 14        | 10            |              |       |        |         | 2       | 2       |
|          | Carried Forward                                        |        | 88    | 71        | 17            | 4            | 1     | 1      | 1       | 2       | 2       |

| List No. | Causes of Death                                                            | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|----------------------------------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                                            |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                                                            |     | 88    | 71        | 17            | 4            | 1     | 1      | 1       | 5       | 25      | 51              |
| A 47     | Malignant neoplasm of intestine, except rectum                             | M   | 42    | 38        | 4             |              |       |        |         | 3       | 9       | 30              |
|          |                                                                            | F   | 34    | 32        | 2             |              |       |        |         | 1       | 8       | 25              |
| A 48     | Malignant neoplasm of rectum                                               | M   | 6     | 6         |               |              |       |        |         |         | 1       | 5               |
|          |                                                                            | F   | 6     | 6         |               |              |       |        |         |         |         | 6               |
| A 49     | Malignant neoplasm of larynx                                               | M   | 4     | 3         | 1             |              |       |        |         |         | 3       | 1               |
|          |                                                                            | F   |       |           |               |              |       |        |         |         |         |                 |
| A 50     | Malignant neoplasm of trachea, bronchus & lung, not specified as secondary | M   | 92    | 69        | 23            |              |       |        |         | 2       | 33      | 57              |
|          |                                                                            | F   | 26    | 20        | 6             |              |       | 1      |         | 2       | 14      | 9               |
| A 51     | Malignant neoplasm of breast                                               | M   | 1     | 1         |               |              |       |        |         |         | 1       |                 |
|          |                                                                            | F   | 82    | 69        | 13            |              |       |        |         | 9       | 39      | 34              |
| A 52     | Malignant neoplasm of cervix uteri                                         | M   |       |           |               |              |       |        |         |         |         |                 |
|          |                                                                            | F   | 12    | 9         | 3             |              |       |        |         | 1       | 5       | 6               |
| A 53     | Malignant neoplasm of other & unspecified parts of uterus                  | M   |       |           |               |              |       |        |         |         |         |                 |
|          |                                                                            | F   | 2     | 2         |               |              |       |        |         |         | 2       |                 |
| A 54     | Malignant neoplasm of prostate                                             | M   | 49    | 37        | 12            |              |       |        |         |         | 6       | 43              |
|          |                                                                            | F   |       |           |               |              |       |        |         |         |         |                 |
| A 55     | Malignant neoplasm of skin                                                 | M   | 1     | 1         |               |              |       |        |         | 1       |         |                 |
|          |                                                                            | F   | 1     | 1         |               |              |       |        |         |         | 1       |                 |
| A 56     | Malignant neoplasm of bone & connective tissue                             | M   | 1     | 1         |               |              |       |        |         |         |         | 1               |
|          |                                                                            | F   | 3     | 3         |               |              |       |        | 1       |         | 1       | 1               |
| A 57     | Malignant neoplasm of all other & unspecified sites                        | M   | 80    | 64        | 16            |              |       | 1      | 2       | 4       | 27      | 46              |
|          |                                                                            | F   | 80    | 66        | 14            |              | 2     | 1      | 1       | 8       | 25      | 43              |
|          | Carried Forward                                                            |     | 610   | 499       | 111           | 4            | 3     | 4      | 5       | 36      | 200     | 358             |

Carried Forward

1054

875

179

5

7

12

12

61

310

647

| List No. | Cause of Death                                                             | Sex | Total | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |
|----------|----------------------------------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|
|          |                                                                            |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 |
|          | Brought Forward                                                            |     | 88    | 71        | 17            | 4            | 1     | 1      | 1       | 2       | 23      |
| A 47     | Malignant neoplasm of intestine, except rectum                             | M   | 42    | 38        | 4             |              |       |        |         | 3       | 9       |
|          |                                                                            | F   | 34    | 32        | 2             |              |       |        |         | 1       | 8       |
| A 48     | Malignant neoplasm of rectum                                               | M   | 6     | 6         |               |              |       |        |         |         | 1       |
|          |                                                                            | F   | 6     | 6         |               |              |       |        |         |         | 6       |
| A 49     | Malignant neoplasm of larynx                                               | M   | 4     | 3         | 1             |              |       |        |         |         | 3       |
|          |                                                                            | F   |       |           |               |              |       |        |         |         |         |
| A 50     | Malignant neoplasm of trachea, bronchus & lung, not specified as secondary | M   | 93    | 69        | 23            |              |       | 1      |         | 2       | 33      |
|          |                                                                            | F   | 28    | 20        | 8             |              |       |        |         | 2       | 14      |
| A 51     | Malignant neoplasm of breast                                               | M   | 1     | 1         |               |              |       |        |         | 1       | 1       |
|          |                                                                            | F   | 82    | 69        | 13            |              |       |        |         | 9       | 39      |
| A 52     | Malignant neoplasm of cervix uteri                                         | M   | 12    | 9         | 3             |              |       |        |         | 1       | 2       |
|          |                                                                            | F   |       |           |               |              |       |        |         |         |         |
| A 53     | Malignant neoplasm of other & unspecified parts of uterus                  | M   | 2     | 2         |               |              |       |        |         |         | 2       |
|          |                                                                            | F   |       |           |               |              |       |        |         |         |         |
| A 54     | Malignant neoplasm of prostate                                             | M   | 49    | 37        | 12            |              |       |        |         |         | 6       |
|          |                                                                            | F   |       |           |               |              |       |        |         |         |         |
| A 55     | Malignant neoplasm of skin                                                 | M   | 1     | 1         |               |              |       |        |         | 1       |         |
|          |                                                                            | F   | 1     | 1         |               |              |       |        |         |         | 1       |
| A 56     | Malignant neoplasm of bone & connective tissue                             | M   | 1     | 1         |               |              |       |        | 1       |         |         |
|          |                                                                            | F   | 3     | 3         |               |              |       |        |         |         | 1       |
| A 57     | Malignant neoplasm of all other & unspecified sites                        | M   | 80    | 64        | 16            |              | 2     | 1      | 2       | 4       | 27      |
|          |                                                                            | F   | 80    | 66        | 14            |              |       | 1      | 1       | 8       | 22      |
|          | Brought Forward                                                            |     | 610   | 499       | 111           | 4            | 3     | 4      | 2       | 36      | 200     |
|          |                                                                            |     |       |           |               |              |       |        |         |         | 328     |

| List No. | Causes of Death                                                      | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|----------------------------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                                      |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                                                      |     | 610   | 499       | 111           | 4            | 3     | 4      | 5       | 36      | 200     | 358             |
| A 58     | Leukaemia & Aleukaemia                                               | M   | 19    | 14        | 5             | 1            | 1     | 4      |         |         | 4       | 9               |
|          |                                                                      | F   | 16    | 12        | 4             |              | 1     | 2      | 3       | 1       | 3       | 6               |
| A 59     | Lymphosarcoma & other neoplasms of lymphatic & haematopoietic system | M   | 13    | 12        | 1             |              |       |        |         | 2       | 4       | 7               |
|          |                                                                      | F   | 18    | 13        | 5             |              |       | 1      |         | 3       | 6       | 8               |
| A 60     | Benign neoplasms & neoplasms of unspecified nature                   | M   | 2     | 2         |               |              |       |        |         |         | 2       |                 |
|          |                                                                      | F   | 2     | 1         | 1             |              |       |        |         |         | 2       |                 |
| A 62     | Thyrotoxicosis with or without goiter                                | M   | 1     |           | 1             |              |       |        |         |         |         | 1               |
|          |                                                                      | F   |       |           |               |              |       |        |         |         |         |                 |
| A 63     | Diabetes Mellitus                                                    | M   | 8     | 7         | 1             |              |       |        |         |         | 3       | 5               |
|          |                                                                      | F   | 22    | 19        | 3             |              | 1     |        |         |         | 10      | 11              |
| A 65     | Anaemias                                                             | M   | 6     | 4         | 2             |              |       |        |         | 1       | 1       | 4               |
|          |                                                                      | F   | 2     | 1         | 1             |              |       |        |         |         | 1       | 1               |
| A 66     | Allergic disorders; all other endocrine, metabolic & blood diseases  | M   | 13    | 13        |               |              |       | 1      | 3       |         | 7       | 2               |
|          |                                                                      | F   | 7     | 6         | 1             |              |       |        | 1       | 1       | 2       | 3               |
| A 67     | Psychoses                                                            | M   | 1     |           | 1             |              |       |        |         |         |         | 1               |
|          |                                                                      | F   | 1     | 1         |               |              |       |        |         |         |         | 1               |
| A 68     | Psychoneuroses & disorders of personality (alcoholism)               | M   | 19    | 15        | 4             |              |       |        |         | 6       | 8       | 5               |
|          |                                                                      | F   | 9     | 6         | 3             |              |       |        |         | 3       | 6       |                 |
| A 70     | Vascular lesions affecting central nervous system                    | M   | 140   | 119       | 21            |              |       |        |         | 2       | 29      | 109             |
|          |                                                                      | F   | 141   | 127       | 14            |              |       |        |         | 4       | 22      | 115             |
| A 71     | Non-Meningococcal Meningitis                                         | M   | 2     | 2         |               |              |       |        |         | 1       |         | 1               |
|          |                                                                      | F   | 2     | 2         |               |              | 1     |        |         | 1       |         |                 |
|          | Carried Forward                                                      |     | 1054  | 875       | 179           | 5            | 7     | 12     | 12      | 61      | 310     | 647             |

| List No. | Cause of Death                                                      | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |   |    |    |    |     | Under 1 yr. | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|----------|---------------------------------------------------------------------|-----|-------|-----------|---------------|--------------|---|----|----|----|-----|-------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                                     |     |       |           |               |              |   |    |    |    |     |             |       |        |         |         |         |                 |
|          | Brought Forward                                                     |     | 610   | 499       | 111           | 4            | 1 | 4  | 2  | 36 | 200 | 228         |       |        |         |         |         |                 |
| A 58     | Leukemia & Alkalemia                                                | M   | 19    | 14        | 5             | 1            | 1 | 4  |    |    | 4   | 9           |       |        |         |         |         |                 |
|          |                                                                     | F   | 16    | 12        | 4             | 1            | 1 | 2  | 3  | 1  | 3   | 6           |       |        |         |         |         |                 |
| A 59     | Lymphosarcoma & other neoplasms of lymphatic & hematopoietic system | M   | 13    | 12        | 1             |              |   |    |    | 2  | 4   | 7           |       |        |         |         |         |                 |
|          |                                                                     | F   | 18    | 13        | 5             |              |   | 1  |    | 3  | 6   | 8           |       |        |         |         |         |                 |
| A 60     | Benign neoplasms & neoplasms of unspecified nature                  | M   | 2     | 2         |               |              |   |    |    |    | 2   |             |       |        |         |         |         |                 |
|          |                                                                     | F   | 2     | 1         | 1             |              |   |    |    |    | 2   |             |       |        |         |         |         |                 |
| A 61     | Thyroidosis with or without goiter                                  | M   | 1     |           | 1             |              |   |    |    |    |     | 1           |       |        |         |         |         |                 |
|          |                                                                     | F   |       |           |               |              |   |    |    |    |     |             |       |        |         |         |         |                 |
| A 62     | Diabetes Mellitus                                                   | M   | 8     | 7         | 1             |              |   |    |    |    | 3   | 2           |       |        |         |         |         |                 |
|          |                                                                     | F   | 22    | 19        | 3             | 1            |   |    |    |    | 10  | 11          |       |        |         |         |         |                 |
| A 63     | Anaemia                                                             | M   | 6     | 4         | 2             |              |   |    |    | 1  | 1   | 4           |       |        |         |         |         |                 |
|          |                                                                     | F   | 2     | 1         | 1             |              |   |    |    |    | 1   | 1           |       |        |         |         |         |                 |
| A 64     | Allergic disorders; all other                                       | M   | 13    | 13        |               |              |   | 1  | 3  |    | 3   | 2           |       |        |         |         |         |                 |
|          | endocrine, metabolic & blood diseases                               | F   | 7     | 6         | 1             |              |   |    | 1  | 1  | 2   | 3           |       |        |         |         |         |                 |
| A 65     | Psychoses                                                           | M   | 1     |           | 1             |              |   |    |    |    |     | 1           |       |        |         |         |         |                 |
|          |                                                                     | F   | 1     | 1         |               |              |   |    |    |    |     | 1           |       |        |         |         |         |                 |
| A 66     | Psychoses & disorders of personality (alcoholism)                   | M   | 19    | 15        | 4             |              |   |    |    | 6  | 8   | 2           |       |        |         |         |         |                 |
|          |                                                                     | F   | 9     | 6         | 3             |              |   |    |    | 3  | 6   |             |       |        |         |         |         |                 |
| A 70     | Vascular lesions affecting central nervous system                   | M   | 140   | 119       | 21            |              |   |    |    |    | 29  | 109         |       |        |         |         |         |                 |
|          |                                                                     | F   | 141   | 127       | 14            |              |   |    |    | 4  | 22  | 115         |       |        |         |         |         |                 |
| A 71     | Non-Meningococcal Meningitis                                        | M   | 2     | 2         |               |              |   |    |    | 1  |     | 1           |       |        |         |         |         |                 |
|          |                                                                     | F   | 2     | 2         |               | 1            |   |    |    | 1  |     |             |       |        |         |         |         |                 |
|          | Carried Forward                                                     |     | 1024  | 875       | 149           | 2            | 7 | 12 | 12 | 61 | 310 | 647         |       |        |         |         |         |                 |

| List No. | Causes of Death                               | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|-----------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                               |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                               |     | 1054  | 875       | 179           | 5            | 7     | 12     | 12      | 61      | 310     | 647             |
| A 72     | Multiple Sclerosis                            | M   | 6     | 6         |               |              |       |        |         |         | 6       |                 |
|          |                                               | F   | 2     | 2         |               |              |       |        |         |         | 1       | 1               |
| A 73     | Epilepsy                                      | M   | 1     | 1         |               |              |       |        | 1       |         |         |                 |
|          |                                               | F   | 5     | 5         |               |              |       |        | 2       | 1       | 2       |                 |
| A 78     | All other diseases of the nervous system      | M   | 12    | 11        | 1             |              |       |        | 1       | 2       | 3       | 6               |
|          |                                               | F   | 4     | 4         |               |              |       |        |         |         |         | 4               |
| A 80     | Chronic Rheumatic Heart Disease               | M   | 7     | 5         | 2             |              |       |        |         |         | 5       | 2               |
|          |                                               | F   | 29    | 27        | 2             |              |       |        |         | 2       | 17      | 10              |
| A 81     | Arteriosclerotic & Degenerative Heart Disease | M   | 385   | 332       | 53            |              |       |        |         | 18      | 109     | 258             |
|          |                                               | F   | 190   | 174       | 16            |              |       |        |         | 2       | 20      | 168             |
| A 82     | Other diseases of heart                       | M   | 20    | 17        | 3             |              |       |        |         |         | 1       | 19              |
|          |                                               | F   | 22    | 19        | 3             |              |       |        |         | 1       | 1       | 20              |
| A 83     | Hypertension with Heart Disease               | M   | 22    | 21        | 1             |              |       |        |         |         | 9       | 13              |
|          |                                               | F   | 19    | 16        | 3             |              |       |        |         |         | 3       | 16              |
| A 84     | Hypertension without mention of heart         | M   | 5     | 5         |               |              |       |        |         |         |         | 5               |
|          |                                               | F   | 3     | 2         | 1             |              |       |        |         |         |         | 3               |
| A 85     | Disease of arteries                           | M   | 57    | 47        | 10            |              |       |        | 2       | 1       | 7       | 47              |
|          |                                               | F   | 38    | 34        | 4             |              |       |        | 1       | 1       | 3       | 33              |
| A 86     | Other diseases of circulatory system          | M   | 15    | 12        | 3             |              |       |        |         |         | 4       | 11              |
|          |                                               | F   | 13    | 12        | 1             |              |       |        |         |         | 2       | 11              |
| A 87     | Acute respiratory infections                  | M   | 1     | 1         |               |              |       | 1      |         |         |         |                 |
|          |                                               | F   | 1     | 1         |               |              |       |        |         |         |         | 1               |
| A 88     | Influenza                                     | M   | 1     | 1         |               |              |       |        |         |         |         | 1               |
|          |                                               | F   | 2     | 2         |               |              |       |        |         |         | 1       | 1               |
|          | Carried Forward                               |     | 1914  | 1632      | 282           | 5            | 7     | 13     | 19      | 89      | 504     | 1277            |

| List No. | Cause of Death                                | Brought Forward | Sex | TOTAL | Residence | Non-Residence | AGE AT DEATH |       |        |         |         |         |
|----------|-----------------------------------------------|-----------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|
|          |                                               |                 |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 |
|          |                                               | 647             |     | 1024  | 875       | 179           | 2            | 7     | 12     | 12      | 61      | 310     |
| A 72     | Mitral Stenosis                               |                 | M   | 6     | 6         |               |              |       |        |         |         | 6       |
|          |                                               |                 | F   | 2     | 2         |               |              |       |        |         |         | 1       |
| A 73     | Epilepsy                                      |                 | M   | 1     | 1         |               |              |       | 1      |         |         |         |
|          |                                               |                 | F   | 2     | 2         |               |              |       | 2      | 1       |         | 2       |
| A 78     | All other diseases of the nervous system      |                 | M   | 12    | 11        | 1             |              |       | 1      | 1       | 2       | 3       |
|          |                                               |                 | F   | 4     | 4         |               |              |       |        |         |         |         |
| A 80     | Chronic Rheumatic Heart Disease               |                 | M   | 7     | 5         | 2             |              |       |        |         | 2       | 2       |
|          |                                               |                 | F   | 29    | 27        | 2             |              |       |        |         | 2       | 17      |
| A 81     | Arteriosclerotic & Degenerative Heart Disease |                 | M   | 282   | 232       | 50            |              |       |        |         | 18      | 109     |
|          |                                               |                 | F   | 190   | 176       | 14            |              |       |        |         | 2       | 20      |
| A 82     | Other diseases of heart                       |                 | M   | 20    | 17        | 3             |              |       |        |         |         | 1       |
|          |                                               |                 | F   | 22    | 19        | 3             |              |       |        |         | 1       | 1       |
| A 83     | Hypertension with Heart Disease               |                 | M   | 22    | 21        | 1             |              |       |        |         |         | 9       |
|          |                                               |                 | F   | 19    | 16        | 3             |              |       |        |         |         | 3       |
| A 84     | Hypertension without mention of heart         |                 | M   | 2     | 2         |               |              |       |        |         |         |         |
|          |                                               |                 | F   | 3     | 1         | 1             |              |       |        |         |         |         |
| A 85     | Disease of arteries                           |                 | M   | 27    | 47        | 10            |              |       |        | 2       | 1       | 7       |
|          |                                               |                 | F   | 28    | 34        | 4             |              |       |        | 1       | 1       | 3       |
| A 86     | Other diseases of circulatory system          |                 | M   | 12    | 12        | 2             |              |       |        |         |         | 4       |
|          |                                               |                 | F   | 12    | 12        | 1             |              |       |        |         |         | 2       |
| A 87     | Acute respiratory infections                  |                 | M   | 1     | 1         |               |              | 1     |        |         |         |         |
|          |                                               |                 | F   | 1     | 1         |               |              |       |        |         |         |         |
| A 88     | Influenza                                     |                 | M   | 1     | 1         |               |              |       |        |         |         |         |
|          |                                               |                 | F   | 2     | 2         |               |              |       |        |         |         | 1       |
|          | Carried Forward                               | 127             |     | 1914  | 1632      | 282           | 2            | 7     | 12     | 12      | 89      | 204     |

| List No. | Causes of Death                                 | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|-------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                 |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                                 |     | 1914  | 1632      | 282           | 5            | 7     | 13     | 19      | 89      | 504     | 1277            |
| A 89     | Lobar Pneumonia                                 | M   | 2     | 2         |               |              |       |        | 1       | 1       |         | 2               |
|          |                                                 | F   | 1     | 1         |               |              | 1     |        |         |         |         |                 |
| A 90     | Bronchopneumonia                                | M   | 39    | 36        | 3             |              | 1     |        |         | 1       | 4       | 33              |
|          |                                                 | F   | 38    | 34        | 4             |              | 1     |        |         | 1       | 1       | 35              |
| A 91     | Primary atypical, other & unspecified pneumonia | M   | 46    | 40        | 6             |              |       |        |         |         |         | 46              |
|          |                                                 | F   | 19    | 16        | 3             |              |       |        |         |         |         | 19              |
| A 92     | Acute Bronchitis                                | M   | 6     | 6         |               |              | 2     |        |         |         |         | 4               |
|          |                                                 | F   | 1     | 1         |               |              |       |        |         |         |         | 1               |
| A 93     | Bronchitis, chronic & unqualified               | M   | 17    | 15        | 2             |              |       |        |         |         | 5       | 12              |
|          |                                                 | F   | 4     | 4         |               |              |       |        |         | 1       |         | 3               |
| A 95     | Empyema & abscess of lung                       | M   | 1     |           | 1             |              |       |        |         |         |         | 1               |
|          |                                                 | F   | 1     | 1         |               |              |       |        |         |         | 1       |                 |
| A 97     | All other respiratory diseases                  | M   | 57    | 47        | 10            |              |       |        |         | 2       | 16      | 39              |
|          |                                                 | F   | 16    | 15        | 1             |              |       |        |         | 1       | 3       | 12              |
| A 99     | Ulcer of stomach                                | M   | 4     | 4         |               |              |       |        |         |         |         | 4               |
|          |                                                 | F   | 5     | 4         | 1             |              |       |        |         |         | 1       | 4               |
| A 100    | Ulcer of duodenum                               | M   | 10    | 9         | 1             |              |       |        |         |         | 3       | 7               |
|          |                                                 | F   | 1     | 1         |               |              |       |        |         |         |         | 1               |
| A 102    | Appendicitis                                    | M   | 3     | 3         |               |              |       |        |         |         | 1       | 2               |
|          |                                                 | F   | 1     |           | 1             |              |       | 1      |         |         |         |                 |
| A 103    | Intestinal obstruction & hernia                 | M   | 20    | 14        | 6             | 1            |       | 1      | 1       |         | 3       | 14              |
|          |                                                 | F   | 14    | 11        | 3             |              |       |        |         |         | 1       | 13              |
|          | Carried Forward                                 |     | 2220  | 1896      | 324           | 6            | 12    | 15     | 20      | 95      | 543     | 1529            |

| Race  | Cause of Death                                  | Sex | TOTAL | Residence | Non-Residence | AGE AT DEATH |       |        |         |         |         |             |
|-------|-------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-------------|
|       |                                                 |     |       |           |               | Under 1 yr.  | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 and over |
|       |                                                 |     |       |           |               |              |       |        |         |         |         |             |
|       | Brought Forward                                 |     | 1914  | 1632 282  | 2             |              | 7     | 13     | 19      | 89      | 204     | 12          |
| A 89  | Lobar pneumonia                                 | M   | 2     | 2         |               |              | 1     |        |         |         |         |             |
|       |                                                 | F   | 1     | 1         |               |              |       |        |         |         |         |             |
| A 90  | Bronchopneumonia                                | M   | 39    | 36        | 3             |              | 1     |        |         | 1       | 4       |             |
|       |                                                 | F   | 38    | 34        | 4             |              | 1     |        |         | 1       | 1       |             |
| A 91  | Primary atypical, other & unspecified pneumonia | M   | 46    | 40        | 6             |              |       |        |         |         |         |             |
|       |                                                 | F   | 19    | 16        | 3             |              |       |        |         |         |         |             |
| A 92  | Acute bronchitis                                | M   | 6     | 6         |               |              | 2     |        |         |         |         |             |
|       |                                                 | F   | 1     | 1         |               |              |       |        |         |         |         |             |
| A 93  | Bronchitis, chronic & unspecified               | M   | 17    | 12        | 2             |              |       |        |         |         | 2       |             |
|       |                                                 | F   | 4     | 4         |               |              |       |        |         | 1       |         |             |
| A 95  | Empyema & abscess of lung                       | M   | 1     | 1         |               |              |       |        |         |         |         |             |
|       |                                                 | F   | 1     | 1         |               |              |       |        |         |         | 1       |             |
| A 97  | All other respiratory diseases                  | M   | 27    | 47        | 10            |              |       |        |         | 2       | 16      |             |
|       |                                                 | F   | 16    | 12        | 1             |              |       |        |         | 1       | 3       |             |
| A 99  | Ulcer of stomach                                | M   | 4     | 4         |               |              |       |        |         |         |         |             |
|       |                                                 | F   | 2     | 4         | 1             |              |       |        |         |         | 1       |             |
| A 100 | Ulcer of duodenum                               | M   | 10    | 9         | 1             |              |       |        |         |         |         |             |
|       |                                                 | F   | 1     | 1         |               |              |       |        |         |         |         |             |
| A 102 | Appendicitis                                    | M   | 3     | 3         |               |              |       |        |         |         |         |             |
|       |                                                 | F   | 1     | 1         |               |              |       | 1      |         |         |         |             |
| A 103 | Intestinal obstruction & hernia                 | M   | 20    | 14        | 6             | 1            |       | 1      | 1       |         | 2       |             |
|       |                                                 | F   | 18    | 11        | 3             |              |       |        |         |         | 1       |             |
|       | Brought Forward                                 |     | 2220  | 1696 224  | 8             | 12           | 12    | 20     | 92      | 243     | 12      |             |

| List No. | Causes of Death                                                                                           | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|-----------------------------------------------------------------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                                                                           |     |       |           |               | Under 1 yr   | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                                                                                           |     | 2220  | 1896      | 324           | 6            | 12    | 15     | 20      | 95      | 543     | 1529            |
| A 104    | Gastro-Enteritis & Colitis                                                                                | M   | 12    | 10        | 2             | 4            |       |        | 1       | 1       | 2       | 4               |
|          |                                                                                                           | F   | 11    | 9         | 2             |              | 1     |        |         |         | 2       | 8               |
| A 105    | Cirrhosis of liver                                                                                        | M   | 46    | 42        | 4             |              |       |        |         | 9       | 28      | 9               |
|          |                                                                                                           | F   | 19    | 16        | 3             |              |       | 1      |         | 5       | 9       | 4               |
| A 106    | Cholelithiasis & Cholecystitis                                                                            | M   | 10    | 8         | 2             |              |       |        |         | 1       | 2       | 7               |
|          |                                                                                                           | F   | 6     | 6         |               |              |       |        |         |         |         | 6               |
| A 107    | Other diseases of digestive system                                                                        | M   | 10    | 7         | 3             |              |       |        |         | 4       | 2       | 4               |
|          |                                                                                                           | F   | 3     |           | 3             |              |       |        |         |         | 1       | 2               |
| A 109    | Chronic, other & unspecified Nephritis                                                                    | M   | 16    | 14        | 2             |              |       |        |         | 3       | 5       | 8               |
|          |                                                                                                           | F   | 10    | 8         | 2             |              |       | 1      |         | 2       | 3       | 4               |
| A 110    | Infections of kidney                                                                                      | M   | 6     | 5         | 1             |              |       |        |         | 2       |         | 4               |
|          |                                                                                                           | F   | 1     | 1         |               |              |       |        |         |         |         | 1               |
| A 111    | Calculi of urinary system                                                                                 | M   | 1     | 1         |               |              |       |        |         |         |         | 1               |
|          |                                                                                                           | F   |       |           |               |              |       |        |         |         |         |                 |
| A 112    | Hyperplasia of prostate                                                                                   | M   | 9     | 8         | 1             |              |       |        |         |         |         | 9               |
|          |                                                                                                           | F   |       |           |               |              |       |        |         |         |         |                 |
| A 114    | Other diseases of genito-urinary system                                                                   | M   | 5     | 4         | 1             |              |       |        |         |         |         | 5               |
|          |                                                                                                           | F   | 2     | 1         | 1             |              |       |        |         | 1       |         | 1               |
| A 120    | Other complications of pregnancy, childbirth and the puerperium. Delivery without mention of complication | M   |       |           |               |              |       |        |         |         |         |                 |
|          |                                                                                                           | F   | 1     | 1         |               |              |       |        | 1       |         |         |                 |
|          | Carried Forward                                                                                           |     | 2388  | 2037      | 351           | 10           | 13    | 17     | 22      | 123     | 597     | 1606            |

Carried Forward

2473

2101

372

60

16

21

25

177

603

1618

| List No. | Cause of Death                                                                                            | Sex | TOTAL | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |
|----------|-----------------------------------------------------------------------------------------------------------|-----|-------|-----------|---------------|--------------|-------|--------|---------|---------|---------|
|          |                                                                                                           |     |       |           |               | Under 1 yr   | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 |
|          | Brought forward                                                                                           |     | 2220  | 1896      | 324           | 6            | 12    | 12     | 20      | 92      | 243     |
| A 104    | Gastro-Enteritis & Colitis                                                                                | M   | 12    | 10        | 2             | 4            |       |        | 1       | 1       | 2       |
|          |                                                                                                           | F   | 11    | 9         | 2             | 1            |       |        |         |         | 2       |
| A 105    | Cirrhosis of liver                                                                                        | M   | 46    | 42        | 4             |              |       | 1      |         | 9       | 28      |
|          |                                                                                                           | F   | 19    | 16        | 3             |              |       |        |         | 2       | 9       |
| A 106    | Cholelithiasis & Cholecystitis                                                                            | M   | 10    | 8         | 2             |              |       |        |         | 1       | 2       |
|          |                                                                                                           | F   | 6     | 6         |               |              |       |        |         |         |         |
| A 107    | Other diseases of digestive system                                                                        | M   | 10    | 7         | 3             |              |       |        |         | 4       | 2       |
|          |                                                                                                           | F   | 3     | 2         | 1             |              |       |        |         |         | 1       |
| A 109    | Chronic, other & unspecified Nephritis                                                                    | M   | 16    | 14        | 2             |              |       | 1      |         | 2       | 2       |
|          |                                                                                                           | F   | 10    | 8         | 2             |              |       |        |         | 2       | 2       |
| A 110    | Infections of kidney                                                                                      | M   | 6     | 2         | 1             |              |       |        |         | 2       |         |
|          |                                                                                                           | F   | 1     | 1         |               |              |       |        |         |         |         |
| A 111    | Calculi of urinary system                                                                                 | M   | 1     | 1         |               |              |       |        |         |         |         |
|          |                                                                                                           | F   |       |           |               |              |       |        |         |         |         |
| A 112    | Hypertrophy of prostate                                                                                   | M   | 9     | 8         | 1             |              |       |        |         |         |         |
|          |                                                                                                           | F   |       |           |               |              |       |        |         |         |         |
| A 114    | Other diseases of genito-urinary system                                                                   | M   | 5     | 4         | 1             |              |       |        |         | 1       |         |
|          |                                                                                                           | F   | 2     | 1         | 1             |              |       |        |         |         |         |
| A 120    | Other complications of pregnancy, childbirth and the puerperium. Delivery without mention of complication | M   | 1     | 1         |               |              |       |        | 1       |         |         |
|          |                                                                                                           | F   |       |           |               |              |       |        |         |         |         |
|          | Carrled forward                                                                                           |     | 2286  | 2037      | 249           | 10           | 13    | 17     | 22      | 123     | 297     |
|          |                                                                                                           |     |       |           |               |              |       |        |         |         | 160     |

| List No. | Causes of Death                                     | Sex    | TOTALS   | Residents | Non-Residents | AGE AT DEATH |        |        |         |         |         |                 |
|----------|-----------------------------------------------------|--------|----------|-----------|---------------|--------------|--------|--------|---------|---------|---------|-----------------|
|          |                                                     |        |          |           |               | Under 1 yr.  | 1 - 4  | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                                     |        | 2388     | 2037      | 351           | 10           | 13     | 17     | 22      | 123     | 597     | 1606            |
| A 121    | Infections of skin & subcutaneous tissue            | M<br>F | 1        | 1         |               |              |        |        |         |         |         | 1               |
| A 122    | Arthritis & Spondylitis                             | M<br>F | 4<br>7   | 3<br>5    | 1<br>2        |              |        |        |         |         | 1<br>3  | 3<br>4          |
| A 123    | Muscular Rheumatism & Rheumatism unspecified        | M<br>F | 2        | 2         |               |              |        |        |         |         | 1       | 1               |
| A 124    | Osteomyelitis & periostitis                         | M<br>F | 1        | 1         |               |              |        |        |         |         |         | 1               |
| A 126    | All other diseases of skin & musculoskeletal system | M<br>F | 1<br>3   |           | 1             |              |        |        | 1       | 1       |         | 2               |
| A 127    | Spina bifida & meningocele                          | M<br>F | 3        | 2         | 1             | 3            |        |        |         |         |         |                 |
| A 128    | Congenital malformations of circulatory system      | M<br>F | 12<br>6  | 7<br>3    | 5<br>3        | 10<br>5      |        | 2      |         | 1       |         |                 |
| A 129    | All other congenital malformations                  | M<br>F | 18<br>12 | 14<br>11  | 4<br>1        | 10<br>7      | 2<br>1 | 1<br>1 | 3       | 1<br>1  | 1<br>2  |                 |
| A 130    | Birth injuries                                      | M<br>F | 4<br>6   | 2<br>6    | 2             | 4<br>6       |        |        |         |         |         |                 |
| A 131    | Postnatal asphyxia & atelectasis                    | M<br>F | 3        | 2         | 1             | 3            |        |        |         |         |         |                 |
| A 132    | Infections of the newborn                           | M<br>F | 2        | 2         |               | 2            |        |        |         |         |         |                 |
|          | Carried Forward                                     |        | 2473     | 2101      | 372           | 60           | 16     | 21     | 26      | 127     | 605     | 1618            |

| List No. | Cause of Death                                      | Sex    | Totals   | Residence | Non-Residence | AGE AT DEATH |        |        |         |         |         |
|----------|-----------------------------------------------------|--------|----------|-----------|---------------|--------------|--------|--------|---------|---------|---------|
|          |                                                     |        |          |           |               | Under 1 yr.  | 1 - 4  | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 |
|          | Brought Forward                                     |        | 2388     | 2037      | 351           | 10           | 13     | 17     | 52      | 127     | 297     |
| A 121    | Infection of skin & subcutaneous tissue             | M<br>F | 1        | 1         |               |              |        |        |         |         |         |
| A 122    | Arthritis & Spondylitis                             | M<br>F | 4<br>7   | 3<br>2    | 1<br>2        |              |        |        |         |         | 1       |
| A 123    | Muscular Rheumatism & Rheumatism unspecified        | M<br>F | 2        | 2         |               |              |        |        |         |         | 1       |
| A 124    | Osteomyelitis & parosteitis                         | M<br>F | 1        | 1         |               |              |        |        |         |         |         |
| A 125    | All other diseases of skin & musculoskeletal system | M<br>F | 1<br>3   | 1<br>3    | 1             |              |        | 1      |         | 1       |         |
| A 127    | Spina bilis & meningococci                          | M<br>F | 3        | 2         | 1             | 3            |        |        |         |         |         |
| A 128    | Congenital malformations of circulatory system      | M<br>F | 12<br>6  | 7<br>3    | 5<br>3        | 10<br>2      |        | 2      |         | 1       |         |
| A 129    | All other congenital malformations                  | M<br>F | 18<br>12 | 14<br>11  | 4<br>1        | 10<br>7      | 5<br>1 | 1<br>1 | 3       | 1<br>1  | 1<br>2  |
| A 130    | Birth injuries                                      | M<br>F | 4<br>6   | 2<br>6    | 2             | 4<br>6       |        |        |         |         |         |
| A 131    | Postnatal asphyxia & atelectasis                    | M<br>F | 3        | 2         | 1             | 3            |        |        |         |         |         |
| A 132    | Infections of the newborn                           | M<br>F | 2        | 2         |               | 2            |        |        |         |         |         |
|          | Carried Forward                                     |        | 2473     | 2101      | 372           | 60           | 16     | 21     | 26      | 127     | 602     |

| List No. | Causes of Death                                                         | Sex | TOTALS | Residents | Non-Residents | AGE AT DEATH |       |        |         |         |         |                 |
|----------|-------------------------------------------------------------------------|-----|--------|-----------|---------------|--------------|-------|--------|---------|---------|---------|-----------------|
|          |                                                                         |     |        |           |               | Under 1 yr   | 1 - 4 | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 | 65 years & over |
|          | Brought Forward                                                         |     | 2473   | 2101      | 372           | 60           | 16    | 21     | 26      | 127     | 605     | 1618            |
| A 133    | Haemolytic disease of newborn                                           | M   |        |           |               |              |       |        |         |         |         |                 |
|          | explosion of combustible                                                | F   | 1      | 1         |               | 1            |       |        |         |         |         |                 |
| A 134    | All other defined diseases of early infancy                             | M   | 1      | 1         |               | 1            |       |        |         |         |         |                 |
|          | corrosive liquid                                                        | F   |        |           |               |              |       |        |         |         |         |                 |
| A 135    | Ill-defined diseases peculiar to early infancy & immaturity unqualified | M   | 25     | 17        | 8             | 25           |       |        |         |         |         |                 |
|          |                                                                         | F   | 19     | 15        | 4             | 19           |       |        |         |         |         |                 |
| A 136    | Senility without mention of psychosis                                   | M   | 8      | 7         | 1             |              |       |        |         |         |         | 8               |
|          | drowning & submersion                                                   | F   | 7      | 7         |               |              |       |        | 1       | 2       | 1       | 7               |
| A 137    | Ill-defined & unknown causes of mortality                               | M   | 25     | 22        | 3             | 12           | 1     |        | 2       | 2       | 7       | 1               |
|          | idental causes                                                          | F   | 12     | 9         | 3             | 8            | 1     |        |         | 2       |         | 1               |
| AE138    | Motor vehicle accidents                                                 | M   | 91     | 56        | 35            |              | 1     | 7      | 40      | 22      | 14      | 7               |
|          | suicide & self-inflicted injury                                         | F   | 23     | 12        | 11            |              | 3     | 3      | 8       | 5       | 2       | 2               |
| AE139    | Other transport accidents                                               | M   | 9      | 4         | 5             |              |       |        | 4       | 4       | 1       |                 |
|          | household & injury purposely inflicted by other persons                 | F   | 1      |           | 1             |              |       |        |         | 1       |         |                 |
| AE140    | Accidental poisoning                                                    | M   | 12     | 10        | 2             |              |       | 2      | 1       | 4       | 4       | 1               |
|          |                                                                         | F   | 10     | 9         | 1             |              |       |        | 1       | 1       | 8       |                 |
| AE141    | Accidental falls                                                        | M   | 42     | 30        | 12            |              | 1     |        | 1       | 6       | 6       | 28              |
|          |                                                                         | F   | 37     | 30        | 7             |              |       | 1      | 1       | 2       | 1       | 32              |
| AE142    | Accidents caused by machinery                                           | M   | 2      | 1         | 1             |              |       |        | 1       |         | 1       |                 |
|          |                                                                         | F   |        |           |               |              |       |        |         |         |         |                 |
|          | Carried Forward                                                         |     | 2798   | 2332      | 466           | 126          | 23    | 34     | 85      | 176     | 649     | 1705            |

| Case No. | Cause of Death                                                          | Sex    | Totals   | Residence | Non-Residence | AGE AT DEATH |        |        |         |         |         |
|----------|-------------------------------------------------------------------------|--------|----------|-----------|---------------|--------------|--------|--------|---------|---------|---------|
|          |                                                                         |        |          |           |               | Under 1 yr   | 1 - 4  | 5 - 14 | 15 - 24 | 25 - 44 | 45 - 64 |
|          | Brought forward                                                         |        | 3873     | 2161      | 1712          | 60           | 16     | 21     | 26      | 157     | 605     |
| A 133    | Hemolytic disease of newborn                                            | M<br>F | 1        | 1         | 1             | 1            |        |        |         |         |         |
| A 134    | All other defined diseases of early infancy                             | M<br>F | 1        | 1         | 1             | 1            |        |        |         |         |         |
| A 135    | Ill-defined diseases peculiar to early infancy & immaturity unspecified | M<br>F | 22<br>19 | 17<br>15  | 6<br>4        | 25<br>19     |        |        |         |         |         |
| A 136    | Sentility without mention of psychosis                                  | M<br>F | 8<br>7   | 7<br>7    | 1             |              |        |        |         |         |         |
| A 137    | Ill-defined & unknown causes of mortality                               | M<br>F | 25<br>12 | 22<br>9   | 3<br>3        | 12<br>8      | 1<br>1 |        | 2       | 2       | 7       |
| AE138    | Motor vehicle accidents                                                 | M<br>F | 91<br>23 | 56<br>12  | 35<br>14      |              | 1<br>3 | 7<br>3 | 40<br>8 | 22<br>2 | 14<br>3 |
| AE139    | Other transport accidents                                               | M<br>F | 9<br>1   | 4<br>1    | 5<br>1        |              |        |        | 4<br>1  |         | 1       |
| AE140    | Accidental poisoning                                                    | M<br>F | 12<br>10 | 10<br>9   | 2<br>1        |              |        | 2      | 1<br>1  | 4<br>1  | 4<br>8  |
| AE141    | Accidental falls                                                        | M<br>F | 42<br>27 | 36<br>10  | 12<br>7       |              | 1      | 1      | 1<br>1  | 6<br>3  | 6<br>1  |
| AE142    | Accidents caused by machinery                                           | M<br>F | 5        | 1         | 1             |              |        |        | 1       |         | 1       |
|          | Carried forward                                                         |        | 2798     | 2312      | 486           | 126          | 23     | 36     | 82      | 176     | 649     |

## DEATHS FROM ACCIDENTAL POISONING IN CALGARY - 1974

| List No. | Causes of Death                                                        | Sex    | TOTALS   | Residents | Non-Residents | AGE AT DEATH |        |        |         |          |          |                 |
|----------|------------------------------------------------------------------------|--------|----------|-----------|---------------|--------------|--------|--------|---------|----------|----------|-----------------|
|          |                                                                        |        |          |           |               | Under 1 yr.  | 1 - 4  | 5 - 14 | 15 - 24 | 25 - 44  | 45 - 64  | 65 years & over |
|          | Brought Forward                                                        |        | 2798     | 2332      | 466           | 126          | 23     | 34     | 85      | 176      | 649      | 1705            |
| AE143    | Accidents caused by fire & explosion of combustible material           | M<br>F | 6<br>7   | 3<br>7    | 3             |              | 1<br>2 |        | 1<br>1  |          | 1<br>1   | 3<br>3          |
| AE144    | Accidents caused by hot substances, corrosive liquid steam & radiation | M<br>F | 1        |           | 1             |              | 1      |        |         |          |          |                 |
| AE145    | Accidents caused by firearms                                           | M<br>F | 1        | 1         |               | 1            |        |        |         |          |          |                 |
| AE146    | Accidental drowning & submersion                                       | M<br>F | 4<br>2   | 3<br>1    | 1<br>1        |              | 1      |        | 1       | 2        | 1<br>1   |                 |
| AE147    | All other accidental causes                                            | M<br>F | 9<br>1   | 7<br>1    | 2             |              |        | 2      | 2<br>1  | 3        |          | 2               |
| AE148    | Suicide & self-inflicted injury                                        | M<br>F | 56<br>29 | 45<br>28  | 11<br>1       |              |        | 3      | 19<br>3 | 20<br>12 | 12<br>11 | 2<br>3          |
| AE149    | Homicide & injury purposely inflicted by other persons                 | M<br>F | 9<br>4   | 7<br>4    | 2             | 1            | 2      |        | 4       | 4<br>1   | 1        |                 |
|          | TOTALS                                                                 |        | 2927     | 2439      | 488           | 128          | 30     | 39     | 117     | 218      | 677      | 1718            |

| Cause of Death                                                            | Sex    | TOTALS   | Residents | Non-Residents | AGE AT DEATH |        |        |         |          |          |
|---------------------------------------------------------------------------|--------|----------|-----------|---------------|--------------|--------|--------|---------|----------|----------|
|                                                                           |        |          |           |               | Under 1 Yr.  | 1 - 4  | 5 - 14 | 15 - 24 | 25 - 44  | 45 - 64  |
| Brought Forward                                                           |        | 2798     | 2332      | 466           | 128          | 23     | 34     | 82      | 178      | 649      |
| Accidents caused by fire & explosion of combustible material              | M<br>F | 6<br>7   | 3<br>7    | 3             |              | 1<br>2 |        | 1<br>1  |          | 1<br>1   |
| Accidents caused by hot substances, corrosive liquids & steam & radiation | M<br>F | 1        |           | 1             |              | 1      |        |         |          |          |
| Accidents caused by firearms                                              | M<br>F | 1        | 1         |               | 1            |        |        |         |          |          |
| Accidental drowning & submersion                                          | M<br>F | 4<br>2   | 3<br>1    | 1<br>1        |              | 1      |        | 1       | 2        | 1<br>1   |
| ALL other accidental causes                                               | M<br>F | 9<br>1   | 7<br>1    | 2             |              | 2      | 2      | 2<br>1  | 3        |          |
| Suicide & self-inflicted injury                                           | M<br>F | 26<br>29 | 42<br>28  | 11<br>1       |              | 3      | 3      | 19<br>3 | 20<br>12 | 12<br>11 |
| Homicide & injury purposely inflicted by other persons                    | M<br>F | 9<br>4   | 7<br>4    | 2             | 1            | 2      |        | 4       | 4<br>1   | 1        |
| TOTALS                                                                    |        | 2927     | 2439      | 488           | 128          | 30     | 39     | 117     | 218      | 677      |

# DEATHS FROM ACCIDENTAL POISONING IN CALGARY - 1974

|                                                             | 1 - 4<br>Years |   | 5 -14<br>Years |   | 15-24<br>Years |   | 25-44<br>Years |   | 45-64<br>Years |   | 65 years<br>& over |   | TOTAL |
|-------------------------------------------------------------|----------------|---|----------------|---|----------------|---|----------------|---|----------------|---|--------------------|---|-------|
|                                                             | M              | F | M              | F | M              | F | M              | F | M              | F | M                  | F |       |
| 1. Overdose of Drugs & Medicine for Internal & External Use |                |   |                |   |                |   |                |   | 1              | 4 |                    |   | 5     |
| 2. Overdose of Drugs with Alcohol Intoxication              |                |   |                |   |                |   |                |   | 1              | 1 |                    |   | 2     |
| 3. Carbon Monoxide Fumes from Faulty Swimming Pool Heater   |                |   |                |   |                |   | *              | * |                |   |                    |   | 2     |
|                                                             |                |   |                |   |                |   | 1              | 1 |                |   |                    |   |       |
| 4. Car Exhaust Fumes                                        |                |   |                |   |                |   | 1              |   | 1              |   |                    |   | 2     |
| 5. Inhalation of Pam in plastic bag                         |                |   |                |   | 1              |   |                |   |                |   |                    |   | 1     |
| TOTAL                                                       |                |   |                |   | 1              |   | 2              | 1 | 3              | 5 |                    |   | 12    |

\*Non-Residents

# SELF-INFLICTED DEATHS (SUICIDES) IN CALGARY - 1974

|                                       | 12-14<br>Years |   | 15-24<br>Years |   | 25-44<br>Years |    | 45-64<br>Years |    | 65 years<br>& over |   | TOTAL |
|---------------------------------------|----------------|---|----------------|---|----------------|----|----------------|----|--------------------|---|-------|
|                                       | M              | F | M              | F | M              | F  | M              | F  | M                  | F |       |
| 1. Gunshot Wounds                     | 1              |   | *9             |   | *6             | 3  | 4              |    | *1                 |   | 24    |
| 2. Car Exhaust Fumes(Carbon Monoxide) |                |   | 5              | 1 | *4             | 1  | 4              | 4  |                    | 1 | 20    |
| 3. Overdose of drugs                  |                |   | 2              | 2 | 2              | 7  |                | 4  |                    | 2 | 19    |
| 4. Hanging & Strangulation            | 2              |   |                |   | *2             | *1 |                | 2  | 1                  |   | 8     |
| 5. Poisoning by Household Chemicals   |                |   |                |   |                | 1  |                |    |                    |   | 1     |
| 6. Jumping From Building              |                |   |                |   | *3             | 1  | 1              |    |                    |   | 5     |
| 7. Drowning                           |                |   |                |   |                | 1  | 1              |    |                    | 1 | 3     |
| 8. Automobile crash-self-inflicted    |                |   | 1              |   |                |    |                |    |                    |   | 1     |
| TOTALS                                | 3              |   | 17             | 3 | 17             | 15 | 10             | 10 | 2                  | 4 | 81    |

\*Non-Residents

# DEATHS FROM ACCIDENTAL POISONING IN CALGARY - 1974

|                                                              | 1 - 4 Years |   | 5 - 14 Years |   | 15 - 24 Years |   | 25 - 44 Years |   | 45 - 64 Years |   | 65 years & over |   | TOTAL |
|--------------------------------------------------------------|-------------|---|--------------|---|---------------|---|---------------|---|---------------|---|-----------------|---|-------|
|                                                              | M           | F | M            | F | M             | F | M             | F | M             | F | M               | F |       |
| 1. Overdose of Drugs & Medicines for Internal & External Use |             |   |              |   |               |   |               |   | 1             | 4 |                 |   |       |
| 2. Overdose of Drugs with Alcohol Intoxication               |             |   |              |   |               |   |               |   | 1             | 1 |                 |   |       |
| 3. Carbon Monoxide Pumes from Faulty Swimming Pool Heater    |             |   |              |   |               |   | 1             | 1 |               |   |                 |   |       |
| 4. Car Exhaust Pumes                                         |             |   |              |   |               |   | 1             |   | 1             |   |                 |   |       |
| 5. Inhalation of Pans in plastic bag                         |             |   |              |   | 1             |   |               |   |               |   |                 |   |       |
| TOTAL                                                        |             |   |              |   |               | 1 | 2             | 1 | 3             | 5 |                 |   | 1     |

\*Non-Residents

## SELF-INFLICTED DEATHS (SUICIDES) IN CALGARY - 1974

|                                       | 15 - 14 Years |   | 15 - 24 Years |   | 25 - 44 Years |    | 45 - 64 Years |    | 65 years & over |   | TOTAL |
|---------------------------------------|---------------|---|---------------|---|---------------|----|---------------|----|-----------------|---|-------|
|                                       | M             | F | M             | F | M             | F  | M             | F  | M               | F |       |
| 1. Gunshot Wounds                     | 1             |   |               |   | 1             | 1  | 4             |    | 1               |   | 3     |
| 2. Car Exhaust Pumes(Carbon Monoxide) |               |   | 2             | 1 | 1             | 1  | 4             | 4  | 1               |   | 3     |
| 3. Overdose of drugs                  |               |   | 2             | 2 | 2             | 2  | 4             |    | 2               |   | 1     |
| 4. Hanging & Strangulation            | 2             |   |               |   | 1             | 1  | 2             |    | 1               |   |       |
| 5. Poisoning by Household Chemicals   |               |   |               |   | 1             |    |               |    |                 |   |       |
| 6. Jumping from Building              |               |   |               |   | 1             | 1  | 1             |    |                 |   |       |
| 7. Drowning                           |               |   |               |   | 1             |    | 1             |    | 1               |   |       |
| 8. Automobile crash-self-inflicted    |               | 1 |               |   |               |    |               |    |                 |   |       |
| TOTALS                                | 3             |   | 17            | 3 | 17            | 12 | 10            | 10 | 2               | 4 | 8     |

REPORTED CASES AND DEATHS FROM NOTIFIABLE COMMUNICABLE DISEASES (RESIDENTS ONLY) - 1974

|                                           | Under 1 Year |    | 1 - 4 |     | 5 - 9 |     | 10 - 14 |     | 15 - 19 |    | 20 - 24 |    | 25 - 29 |    | 30 - 39 |    | 40 - 49 |    | 50 Yrs. & Over |    | Total Cases | Deaths If Any |
|-------------------------------------------|--------------|----|-------|-----|-------|-----|---------|-----|---------|----|---------|----|---------|----|---------|----|---------|----|----------------|----|-------------|---------------|
|                                           | M            | F  | M     | F   | M     | F   | M       | F   | M       | F  | M       | F  | M       | F  | M       | F  | M       | F  | M              | F  |             |               |
| Acute Food Poisoning                      |              |    |       |     |       |     |         |     |         |    |         |    | 1       |    |         | 1  |         |    |                |    | 2           |               |
| Amoebic Dysentery                         |              |    |       |     |       |     |         |     | 1       |    |         |    |         |    |         |    |         | 1  |                |    | 2           |               |
| Aseptic Viral Meningitis                  |              |    | 1     | 1   | 1     | 1   | 1       |     |         |    |         |    | 1       |    | 1       |    |         |    |                |    | 7           |               |
| Bacillary Dysentery                       | 1            | 1  | 11    | 13  | 1     | 5   | 1       | 1   | 1       | 1  | 1       | 4  | 4       |    | 2       | 1  |         |    |                |    | 45          | 1             |
| Brucellosis                               |              |    |       |     |       |     |         |     |         |    |         |    |         |    |         |    |         | 1  |                |    | 1           |               |
| Diarrhoea of Newborn                      | 1            | 4  |       |     |       |     |         |     |         |    |         |    |         |    |         |    |         |    |                |    | 5           |               |
| Infectious Hepatitis                      |              |    | 2     | 1   | 8     | 9   | 9       | 9   | 17      | 17 | 18      | 18 | 18      | 18 | 18      | 18 | 6       | 10 | 2              | 2  | 212         | 3             |
| Malaria                                   |              |    |       | 1   | 1     |     | 3       |     |         |    | 1       |    |         |    |         | 1  |         |    |                |    | 7           |               |
| Meningococcal Infection                   | 1            |    | 1     | 1   |       | 1   |         |     |         |    |         |    |         |    | 1       |    | 1       |    |                |    | 5           | 1             |
| Pertussis                                 | 1            | 1  | 5     | 6   | 2     | 4   |         |     |         |    |         | 1  |         |    |         |    |         |    |                |    | 20          |               |
| Q - Fever                                 |              |    |       |     |       |     |         |     |         |    |         |    |         |    | 1       | 1  |         |    |                |    | 2           |               |
| Red Measles                               | 13           | 19 | 167   | 159 | 478   | 452 | 267     | 251 | 19      | 19 | 3       |    | 1       | 1  | 2       | 1  |         | 1  |                |    | 1,853       | 1             |
| Rubella                                   | 7            | 6  | 24    | 27  | 84    | 88  | 43      | 44  | 7       | 8  | 3       | 8  |         | 4  | 3       | 2  |         | 1  |                |    | 359         |               |
| Salmonella Infection                      | 1            | 4  | 8     | 6   | 1     | 3   | 2       | 1   | 1       | 1  | 2       | 2  | 3       | 3  | 7       | 7  | 3       | 3  | 4              | 6  | 67          |               |
| Scarlet Fever & Streptococcal Sore Throat | 1            | 3  | 21    | 18  | 47    | 39  | 27      | 22  | 6       | 6  | 7       | 11 | 4       | 4  | 2       | 2  |         | 1  |                |    | 221         |               |
| Serum Hepatitis                           |              |    |       |     |       |     |         | 1   | 5       | 3  | 7       | 4  | 3       | 3  |         |    |         |    |                |    | 26          |               |
| Tuberculosis, Pulmonary                   |              |    |       |     |       |     | 2       |     | 1       | 1  |         | 3  | 3       | 1  | 2       |    | 4       | 4  | 3              | 1  | 25          | 2             |
| Tuberculosis, Non-Pulmonary               |              |    |       |     |       |     |         |     |         |    |         |    |         |    |         |    |         |    |                |    |             |               |
| TOTALS                                    | 24           | 39 | 239   | 233 | 623   | 603 | 354     | 337 | 57      | 62 | 50      | 51 | 40      | 35 | 38      | 26 | 16      | 26 | 11             | 11 | 2,875       | 9             |



REPORTED COMMUNICABLE DISEASES BY MONTH IN 1974

| D I S E A S E                             | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | TOTALS |
|-------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Acute Food Poisoning                      |     |     |     |     |     |     | 2   |     |     |     |     |     | 2      |
| Amoebic Dysentery                         |     |     |     |     | 1   |     | 1   |     |     |     |     |     | 2      |
| Aseptic Viral Meningitis                  |     |     |     |     |     | 1   | 1   | 1   |     | 2   | 1   | 1   | 7      |
| Bacillary Dysentery                       | 2   | 4   | 4   | 10  | 1   | 2   | 4   | 5   | 5   | 2   | 2   | 4   | 45     |
| Brucellosis                               |     |     |     |     |     |     | 1   |     |     |     |     |     | 1      |
| Diarrhoea of Newborn                      |     |     |     |     |     |     |     | 5   |     |     |     |     | 5      |
| Infectious Hepatitis                      | 19  | 29  | 15  | 21  | 19  | 23  | 6   | 12  | 25  | 15  | 10  | 18  | 212    |
| Malaria                                   |     |     |     |     | 3   | 2   |     | 2   |     |     |     |     | 7      |
| Meningococcal infection                   |     |     |     | 1   | 1   |     | 1   |     |     |     |     | 2   | 5      |
| Pertussis                                 |     |     | 1   | 2   | 1   |     | 1   | 3   | 5   | 2   | 1   | 4   | 20     |
| Q - Fever                                 |     |     |     | 2   |     |     |     |     |     |     |     |     | 2      |
| Red Measles                               | 12  | 17  | 41  | 60  | 63  | 300 | 198 | 88  | 74  | 87  | 161 | 752 | 1,853  |
| Rubella                                   | 25  | 42  | 45  | 34  | 32  | 49  | 5   | 2   | 16  | 20  | 21  | 68  | 359    |
| Salmonella Infection                      | 6   | 2   | 5   | 3   | 11  | 6   | 7   | 4   | 8   | 4   | 3   | 8   | 67     |
| Scarlet Fever & Streptococcal Sore Throat | 18  | 29  | 21  | 13  | 15  | 13  | 7   | 4   | 14  | 23  | 21  | 43  | 221    |
| Serum Hepatitis                           |     | 1   | 5   | 5   | 3   | 3   | -   | 1   | 5   | -   | 1   | 2   | 26     |
| Tuberculosis, Non-Pulmonary               | 1   |     |     | 1   | 2   | 2   | 1   | 5   | 2   |     | 1   | 1   | 16     |
| Tuberculosis, Pulmonary                   | 1   | 3   | 2   | 1   | 1   | 3   | 1   | 2   | 1   | 5   | 3   | 2   | 25     |
| TOTALS                                    | 84  | 127 | 139 | 153 | 153 | 404 | 236 | 134 | 155 | 160 | 225 | 905 | 2,875  |

COMMUNICABLE DISEASES NOT NOTIFIABLE IN THE PROVINCE OF ALBERTA - REPORTED IN 1974

|            | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | TOTALS |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Mumps      | 120 | 101 | 166 | 137 | 185 | 96  | 3   | 18  | 37  | 52  | 83  | 99  | 1,097  |
| Chickenpox | 256 | 186 | 122 | 133 | 126 | 116 | 15  | 19  | 33  | 125 | 157 | 180 | 1,468  |
| TOTALS     | 376 | 287 | 288 | 270 | 311 | 212 | 18  | 37  | 70  | 177 | 240 | 279 | 2,565  |

## REPORTED COMMUNICABLE DISEASES BY MONTH IN 1974

| DISEASE                                   | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | TOTAL |
|-------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Acute Food Poisoning                      |     |     |     |     |     |     | 2   |     |     |     |     |     |       |
| Anoxic Dysentery                          |     |     |     |     | 1   |     | 1   |     |     |     |     |     |       |
| Asplenic Viral<br>Hemorrhagic             |     |     |     |     |     | 1   | 1   | 1   |     | 2   | 1   | 1   | 4     |
| Bacterial Dysentery                       | 2   | 4   | 4   | 10  | 1   | 2   | 4   | 2   | 2   | 2   | 2   | 4   | 4     |
| Brucellosis                               |     |     |     |     |     |     | 1   |     |     |     |     |     |       |
| Dysentery of Newborn                      |     |     |     |     |     |     |     | 2   |     |     |     |     |       |
| Infectious Hepatitis                      | 19  | 29  | 12  | 21  | 19  | 22  | 6   | 12  | 22  | 12  | 10  | 18  | 21    |
| Malaria                                   |     |     |     |     | 2   | 2   |     | 2   |     |     |     |     |       |
| Meningococcal Infection                   |     |     |     | 1   | 1   |     | 1   |     |     |     |     | 2   |       |
| Pertussis                                 |     |     | 1   | 2   | 1   |     | 1   | 2   | 2   | 2   | 1   | 4   |       |
| Q - Fever                                 |     |     |     | 2   |     |     |     |     |     |     |     |     |       |
| Red Measles                               | 12  | 17  | 41  | 60  | 62  | 200 | 198 | 88  | 74  | 87  | 161 | 222 | 1,872 |
| Rubella                                   | 22  | 42  | 42  | 24  | 22  | 42  | 2   | 2   | 18  | 20  | 21  | 68  | 37    |
| Salmonella Infection                      | 6   | 2   | 2   | 2   | 11  | 6   | 7   | 6   | 8   | 4   | 3   | 8   |       |
| Scarlet Fever & Streptococcal Sore Throat | 18  | 29  | 21  | 12  | 12  | 12  | 7   | 6   | 16  | 22  | 21  | 42  | 21    |
| Serum Hepatitis                           |     | 1   | 2   | 2   | 2   | 2   | -   | 1   | 2   | -   | 1   | 2   |       |
| Tuberculosis, Non-Pulmonary               | 1   |     |     | 1   | 2   | 2   | 1   | 2   |     |     | 1   | 1   |       |
| Tuberculosis, Pulmonary                   | 1   | 2   | 2   | 1   | 1   | 2   | 1   | 2   | 1   | 2   | 3   | 2   |       |
| TOTALS                                    | 84  | 127 | 129 | 122 | 122 | 404 | 236 | 124 | 122 | 160 | 222 | 202 | 2,878 |

## COMMUNICABLE DISEASES NOT NOTIFIABLE IN THE PROVINCE OF ALBERTA - REPORTED IN 1974

|            | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | TOTAL |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Chickenpox | 256 | 186 | 122 | 122 | 126 | 116 | 12  | 12  | 22  | 122 | 122 | 180 | 1,422 |
| Measles    | 120 | 101 | 166 | 122 | 182 | 96  | 2   | 18  | 22  | 22  | 82  | 92  | 1,022 |
| TOTALS     | 376 | 287 | 288 | 244 | 312 | 212 | 18  | 32  | 30  | 122 | 240 | 272 | 2,444 |

VENEREAL DISEASE INCIDENCE - CALGARY - 1974

|                                        | 1 - 4 Years |   | 10-14 Years |   | 15-19 Years |     | 20-24 Years |     | 25-29 Years |    | 30-39 Years |    | 40-59 Years |    | 60 Years & Over |   | Age not Stated |    | TOTALS |
|----------------------------------------|-------------|---|-------------|---|-------------|-----|-------------|-----|-------------|----|-------------|----|-------------|----|-----------------|---|----------------|----|--------|
|                                        | M           | F | M           | F | M           | F   | M           | F   | M           | F  | M           | F  | M           | F  | M               | F | M              | F  |        |
| Syphilis: - Prenatal (Congenital)      | 1           |   |             |   |             |     |             |     |             |    |             |    |             |    |                 |   |                |    | 1      |
| Syphilis: - Acquired Primary           |             |   |             |   |             |     | 1           |     | 2           |    | 1           |    | 4           |    | 1               |   |                |    | 9      |
| Syphilis: - Acquired Secondary         |             |   |             |   |             |     |             |     | 2           | 1  | 3           |    |             | 1  |                 |   |                |    | 7      |
| Syphilis: - Acquired *Tertiary         |             |   |             |   |             |     |             |     |             |    |             |    |             | 1  |                 |   |                |    | 1      |
| Syphilis: - Acquired Latent - Early    |             |   |             |   |             |     | 1           |     | 1           | 1  | 1           | 1  | 1           |    |                 |   |                |    | 6      |
| Syphilis: - Acquired Latent - Late     |             |   |             |   |             |     |             |     |             |    | 1           |    | 2           | 3  | 2               | 3 |                |    | 11     |
| Syphilis: - Acquired Type Undetermined |             |   |             |   |             |     |             |     |             |    | 1           | 1  |             |    |                 |   |                |    | 3      |
| Gonorrhoea: (All form)                 |             | 2 |             | 6 | 203         | 190 | 466         | 221 | 368         | 97 | 255         | 64 | 104         | 19 | 13              | 1 | 26             | 12 | 2,047  |
| TOTALS                                 | 1           | 2 |             | 6 | 203         | 190 | 468         | 221 | 373         | 99 | 262         | 66 | 112         | 24 | 16              | 4 | 26             | 12 | 2,085  |

In the age group 5 - 9 years no venereal diseases were reported.

\* The tertiary syphilis in this case was diagnosed as neurosyphilis.

1. The following table shows the results of the survey of the incidence of disease in the population of the Republic of Armenia in 1964. The data are presented in the following order: by region, by sex, by age group, by type of disease, and by season. The total number of cases is given in the last column.

| Region   | Sex    | Age Group | Type of Disease | Season | Total | Incidence of Disease in the Population of the Republic of Armenia in 1964 |     |     |     |     |     |     |     |     |     |     |     |
|----------|--------|-----------|-----------------|--------|-------|---------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|          |        |           |                 |        |       | 1                                                                         | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| Yerevan  | Male   | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          | Female | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Gyumri   | Male   | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          | Female | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Vanadzor | Male   | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          | Female | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Tbilisi  | Male   | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          | Female | 15-20     | Tuberculosis    | Winter | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|          |        |           |                 | Summer | 100   | 100                                                                       | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

# CHEST CLINIC - NURSING SERVICES

Clinic Attendance 1926

Home Visits 1368

Other Calls  
(To Sanatorium - Employers etc.) 34

Tuberculin Tests 2135

At Clinic 1284  
Outside Clinic 851  
Total reactors 322

School Tuberculin Tests 19408

Grade I - reactor rate 0.32  
Grade IV - reactor rate 0.90

Tuberculosis Cases - new, active 41

Case rate per 100,000 9.5  
Pulmonary 25  
Non Pulmonary 16

Chemotherapy 150 (approx.)  
or

Chemoprophylaxis at any given time

# XRAY CLINIC - ALBERTA T.B.R.D. ASSOCIATION

| # PERSONS<br>X-RAYED | PROBABLE TB |          | OTHER ABNORMALITIES  |                                     |                      |                        |
|----------------------|-------------|----------|----------------------|-------------------------------------|----------------------|------------------------|
|                      | ACTIVE      | INACTIVE | PLEURISY<br>INACTIVE | FURTHER<br>EXAMINATION<br>REQUESTED | NON-TB<br>CONDITIONS | TOTAL<br>ABNORMALITIES |
| 13,149               | 2           | 599      | 132                  | 71                                  | 83                   | 887                    |

# XRAY CLINIC - ALBERTA T.B.D. ASSOCIATION

Chemoprophylaxis at any given time

Chemotherapy  
or

1 150 (approx.)

Non Pulmonary  
Pulmonary  
Case rate per 100,000

16  
22

9.2

Tuberculosis Cases - new, active

41

Grade IV - reactor rate  
Grade I - reactor rate

0.90  
0.32

19408

School Tuberculosis Tests

Total reactors  
Outside Clinic  
At Clinic

322  
621  
1284

2132

Tuberculosis Tests

(To Sanatorium - Employers etc.)

34

Other Cells

Home Visits

1368

Clinic Attendance

1026

CHEST CLINIC - NURSING SERVICES

| X-RAVED<br>& EXPOSED | PROBABLE TB |          | OTHER ABNORMALITIES   |                       |                       |
|----------------------|-------------|----------|-----------------------|-----------------------|-----------------------|
|                      | CELLS       | IMMUNITY | CELLS<br>AND<br>TUBES | CELLS<br>AND<br>TUBES | CELLS<br>AND<br>TUBES |
| 13,149               | 2           | 299      | 132                   | 71                    | 887                   |
| 83                   |             |          |                       |                       |                       |

|                                         | Anderson<br>Road | Bowness | Brent-<br>Wood | City<br>Hall | Forest<br>Lawn | Haysboro | North<br>Hill | Scarboro | Shaga-<br>nappi | Thorn-<br>hill | TOTALS |
|-----------------------------------------|------------------|---------|----------------|--------------|----------------|----------|---------------|----------|-----------------|----------------|--------|
| <u>INFANTS</u><br>Attendance            | 551              | 2,109   | 421            | 2,173        | 4,998          | 5,223    | 4,672         | 2,421    | 2,832           | 764            | 26,164 |
| New Admissions                          | 128              | 452     | 76             | 538          | 1,231          | 1,327    | 1,190         | 579      | 610             | 177            | 6,308  |
| On Breast                               | 22               | 163     | 18             | 83           | 158            | 279      | 257           | 160      | 133             | 41             | 1,314  |
| On Bottle                               | 103              | 292     | 35             | 453          | 1,072          | 1,032    | 933           | 419      | 476             | 134            | 4,949  |
| Denver Developmental<br>Screening Tests | 58               | 241     | 73             | 200          | 454            | 620      | 660           | 216      | 287             | 88             | 2,897  |
| <u>PRE-SCHOOL</u><br>Attendance         | 868              | 3,096   | 533            | 2,909        | 6,087          | 5,926    | 4,727         | 2,841    | 3,891           | 779            | 31,657 |
| New Admissions                          | 94               | 413     | 38             | 233          | 534            | 774      | 369           | 170      | 436             | 84             | 3,145  |
| Doctor's Examinations                   | -                | 264     | -              | 60           | 11             | 300      | 20            | 430      | 432             | 3              | 1,520  |
| Doctor's Days                           | -                | 35      | -              | 29           | 8              | 46       | 10            | 47       | 47              | 10             | 232    |
| Denver Developmental<br>Screening Tests | 61               | 379     | 75             | 358          | 522            | 1,161    | 909           | 346      | 443             | 110            | 4,364  |
| GRAND TOTAL ATTENDANCE                  | 1,419            | 5,205   | 954            | 5,082        | 7,085          | 11,149   | 9,399         | 5,262    | 6,723           | 1,543          | 5,821  |
| NO. OF CLINIC DAYS                      | 65               | 154     | 41             | 240          | 241            | 231      | 241           | 205      | 230             | 44             | 1,692  |
| AVERAGE ATTENDANCE                      | 21.8             | 33.8    | 23.3           | 21.2         | 29.4           | 48.3     | 39.0          | 25.7     | 29.2            | 35.1           | 31.8   |

Included in the figures for City Hall are clinic sessions held at Ogden Clinic and the Alberta Vocational Centre. It should also be mentioned that the figures for Brentwood Clinic are indicative only of a part year in that Brentwood Clinic was united with the North Hill Clinic in May of 1974. It is also noted that Anderson Road Clinic and Thornhill Clinic were only opened in September of 1974 thus these figures do not represent a full clinic year.

and throughout clinic were only observed in September of 1944 from these figures as not tabulated in this clinic report. Bluntwood Clinic was visited with the North Hill Clinic in May of 1944. It is also noted that information from Clinic It is noted that no mention was made of the figures for Bluntwood Clinic were included only of a brief visit to that included in the figures for City Hill was clinic mentioned only as other Clinic and the Virginia Association of

| NAME OF CLINIC     | 51-8  | 33-8  | 53-2 | 51-5  | 50-4  | 48-3   | 30-0  | 32-1  | 50-5  | 32-1  | 32-1  | 31-8   |
|--------------------|-------|-------|------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| CLINIC NAME        | 51-8  | 33-8  | 53-2 | 51-5  | 50-4  | 48-3   | 30-0  | 32-1  | 50-5  | 32-1  | 32-1  | 31-8   |
| NO. OF CLINIC DAYS | 28    | 124   | 41   | 345   | 341   | 125    | 145   | 302   | 320   | 44    | 44    | 1'005  |
| CLINIC NAME        | 1'010 | 2'502 | 824  | 2'085 | 1'082 | 11'140 | 8'300 | 2'585 | 8'153 | 1'243 | 1'243 | 2'851  |
| CLINIC NAME        | 10    | 210   | 12   | 328   | 252   | 101'1  | 300   | 340   | 443   | 110   | 110   | 4'300  |
| CLINIC NAME        | -     | 32    | -    | 30    | 8     | 40     | 10    | 41    | 41    | 10    | 10    | 535    |
| CLINIC NAME        | -     | 304   | -    | 00    | 11    | 300    | 50    | 430   | 435   | 3     | 3     | 1'250  |
| CLINIC NAME        | 20    | 410   | 38   | 533   | 452   | 415    | 300   | 110   | 430   | 84    | 84    | 3'102  |
| CLINIC NAME        | 800   | 2'000 | 222  | 5'000 | 1'800 | 2'350  | 155   | 100   | 3'001 | 110   | 110   | 31'021 |
| CLINIC NAME        | 80    | 105   | 12   | 500   | 420   | 050    | 000   | 510   | 385   | 88    | 88    | 1'005  |
| CLINIC NAME        | 101   | 505   | 32   | 524   | 1'010 | 1'035  | 433   | 410   | 410   | 130   | 130   | 4'000  |
| CLINIC NAME        | 55    | 101   | 18   | 48    | 104   | 510    | 325   | 100   | 133   | 10    | 10    | 1'310  |
| CLINIC NAME        | 851   | 420   | 20   | 202   | 1'010 | 1'035  | 1'100 | 250   | 010   | 111   | 111   | 8'000  |
| CLINIC NAME        | 222   | 601   | 150  | 511   | 800   | 2'355  | 4'015 | 3'451 | 3'035 | 100   | 100   | 30'100 |
| CLINIC NAME        | 800   | 2'000 | 222  | 5'000 | 1'800 | 2'350  | 155   | 100   | 3'001 | 110   | 110   | 31'021 |

## SUMMARY OF WORK DONE BY PHYSICIANS IN CALGARY CHILD HEALTH CENTRES - 1974

## ATTENDANCE AT CHILD HEALTH CENTRES

|                          | <u>1968</u>   | <u>1969</u>   | <u>1970</u>   | <u>1971</u>   | <u>1972</u>   | <u>1973</u>   | <u>1974</u>   |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>Infant Attendance</u> |               |               |               |               |               |               |               |
| New                      | 5,620         | 6,037         | 6,374         | 6,760         | 6,068         | 6,237         | 6,308         |
| Old                      | <u>14,959</u> | <u>14,963</u> | <u>16,400</u> | <u>18,760</u> | <u>17,953</u> | <u>19,184</u> | <u>19,856</u> |
| Total Infant Attendance  | 20,579        | 21,000        | 22,774        | 25,520        | 24,021        | 25,421        | 26,164        |

Pre-School Attendance

|                             |               |               |               |               |               |               |               |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| New                         | 3,297         | 3,285         | 3,183         | 3,339         | 2,759         | 3,036         | 3,145         |
| Old                         | <u>23,695</u> | <u>22,892</u> | <u>24,521</u> | <u>29,523</u> | <u>26,186</u> | <u>27,161</u> | <u>28,512</u> |
| Total Pre-School Attendance | 26,992        | 26,177        | 27,704        | 32,862        | 28,945        | 30,197        | 31,657        |

## NEW ENROLLMENTS EXPRESSED AS PERCENTAGE OF BIRTHS MINUS DEATHS

|        | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1972</u> | <u>1973</u> | <u>1974</u> |
|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Births | 7,184       | 7,429       | 8,149       | 7,586       | 7,183       | 7,224       | 7,263       |
| minus  | <u>112</u>  | <u>132</u>  | <u>178</u>  | <u>142</u>  | <u>105</u>  | <u>86</u>   | <u>91</u>   |
|        | 7,072       | 7,297       | 7,971       | 7,444       | 7,078       | 7,138       | 7,172       |

|                            |              |              |              |              |              |              |              |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| New Infants                | 5,620        | 6,037        | 6,374        | 6,760        | 6,068        | 6,237        | 6,308        |
| plus                       |              |              |              |              |              |              |              |
| New Pre-Schoolers Enrolled | <u>3,297</u> | <u>3,285</u> | <u>3,183</u> | <u>3,339</u> | <u>2,759</u> | <u>3,036</u> | <u>3,145</u> |
|                            | 8,917        | 9,322        | 9,557        | 10,099       | 8,827        | 9,273        | 9,453        |

ATTENDANCE AT CHILD HEALTH CENTRES

|                             | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1972</u> | <u>1973</u> | <u>1974</u> |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Infant Attendance           |             |             |             |             |             |             |             |
| New                         | 2,620       | 6,037       | 6,374       | 6,760       | 6,088       | 6,237       | 6,374       |
| Old                         | 14,928      | 14,923      | 16,400      | 16,760      | 17,923      | 19,184      | 19,184      |
| Total Infant Attendance     | 20,578      | 21,000      | 22,774      | 23,520      | 24,011      | 25,421      | 25,558      |
| Pre-School Attendance       |             |             |             |             |             |             |             |
| New                         | 3,297       | 3,282       | 3,183       | 3,339       | 3,729       | 3,036       | 3,183       |
| Old                         | 23,492      | 23,893      | 24,221      | 26,223      | 26,186      | 27,161      | 28,223      |
| Total Pre-School Attendance | 26,992      | 26,177      | 27,404      | 29,562      | 29,915      | 30,197      | 31,406      |

NEW ENROLMENTS EXPRESSED AS PERCENTAGE OF BIRTHS MINUS DEATHS

|                            | <u>1968</u> | <u>1969</u> | <u>1970</u> | <u>1971</u> | <u>1972</u> | <u>1973</u> | <u>1974</u> |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Births minus               | 7,184       | 7,429       | 8,149       | 7,286       | 7,183       | 7,234       | 7,234       |
| Deaths                     | 112         | 132         | 178         | 142         | 102         | 86          | 86          |
|                            | 7,072       | 7,297       | 7,971       | 7,144       | 7,081       | 7,148       | 7,148       |
| New Infants                | 2,620       | 6,037       | 6,374       | 6,760       | 6,088       | 6,237       | 6,374       |
| plus                       |             |             |             |             |             |             |             |
| New Pre-Schoolers Enrolled | 3,297       | 3,282       | 3,183       | 3,339       | 3,729       | 3,036       | 3,183       |
|                            | 8,917       | 9,322       | 9,557       | 10,099      | 9,817       | 9,273       | 9,557       |

SUMMARY OF WORK DONE BY PHYSICIANS IN CALGARY CHILD HEALTH CENTRES - 1974

|                                        | INFANTS<br>0 - 1 yr. | PRE-SCHOOL<br>2 - 3 yrs. | PRE-SCHOOL<br>4 - 6 yrs. | SCHOOL AGE                      |
|----------------------------------------|----------------------|--------------------------|--------------------------|---------------------------------|
| No. of children examined               | 627                  | 247                      | 614                      | 13                              |
|                                        | DOCTORS              | DENTISTS                 | EYE EXAMINERS            |                                 |
| No. of children referred to:           | 73                   | 36                       | 28                       |                                 |
| Counselling in Minor Ailments.....     | 672                  |                          |                          | Counselling in Nutrition.....13 |
| Denver Developmental Screening Tests.. | 676                  |                          |                          | Physical Examinations.....925   |
| Minor Physical Ailments Found.....     | 888                  |                          |                          | Major Defects Found.....172     |

It will be noted from the tables that attendance at the Child Health Centres increased by 2,200 over last year. There has also been an increase in the number of children seen by the Public Health Nurses in the school. Increasing involvement and co-operation with other agencies in the community is reflected in the increase in number of contacts with these agencies and in the number of meetings attended and addressed by the Public Health Nurses. Over the last year the number of occasions that the Public Health Nurses showed films and presented classroom talks has also increased.

In several of the Nursing Districts this year "group nursing" has been practiced. This is proving to be a very effective way of presenting health teaching and health promotion programs.

It is worthy of note that the percentage of positive T.B. Skin Test reactors in the Grade IX group is below that considered by the W.H.O. as indicative of a Tuberculosis Controlled area.

May I take this opportunity to thank the staff of the Nursing Division for a job well done and also to thank the staff of the Local Board of Health for their support and co-operation. On behalf of the staff, Dr. Hosking, say I thank you most sincerely for your guidance, support and counsel.

Sincerely,

Frances M. Moore  
Director of Nursing



PUBLIC HEALTH NURSING DIVISION

It is my privilege to present a few comments to accompany the statistical tables pertaining to the service provided to the families of Calgary by the Public Health Nursing Division of the Calgary Local Board of Health for the year 1974.

In February, Mrs. Eileen Whidden retired after 19 years as Director of Nursing and 28 years with the Department. We are very indebted to Mrs. Whidden's planning, foresight and her vision of Public Health Nursing.

Miss Betty Eggen joined our staff in September as Assistant Director of Nursing and is a very valuable addition to our staff. Our total Public Health Nursing staff was increased by six bringing the total to 102.

Two new Nursing Districts were established in September, Thornhill and Anderson Road. The Thornhill District Office was opened in the Thornhill Community Services Building to serve that northern part of the City. In the southern half of the Haysboro area the type of program provided in the Child Health Centres is now available by appointment on a home visit basis out of the Anderson Road Centre Office. The programs in each of these areas have been very well received by the families in the Districts.

This year evening clinics have been held in the Child Health Centres throughout the City and are proving very popular. To meet the needs of the public, several of the Child Health Centres have also increased the number of morning clinics provided.

It will be noted from the tables that attendance at the Child Health Centres increased by 2,200 over last year. There has also been an increase in the number of children seen by the Public Health Nurse in the school. Increasing involvement and co-operation with other agencies in the community is reflected in the increase in number of contacts with these agencies and in the number of meetings attended and addressed by the Public Health Nurses. Over the last year the number of occasions that the Public Health Nurses showed films and presented classroom talks has also increased.

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This year evening clinics have been held in the Child Health Center throughout the City and are proving very popular. To meet the needs of the public, several of the Child Health Centers have also increased the number of morning clinics provided.

It will be noted from the tables that attendance at the Child Health Centers increased by 2,300 over last year. There has also been an increase in the number of children seen by the Public Health Nurse in the school. Increasing involvement and co-operation with other agencies in the community is reflected in the increase in number of contacts with these agencies and in the number of meetings attended and addressed by the Public Health Nurses. Over the last year the number of occasions that the Public Health Nurses showed films and presented classroom talks has also increased.

In several of the Nursing Districts this year "group nursing" has been practiced. This is proving to be a very effective way of presenting health teaching and health promotion programs.

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Sincerely,

Frances M. Moore  
Director of Nursing

# PUBLIC HEALTH NURSING SERVICES - 1974

## Inspections and Tests in Schools

|                                                   |        |
|---------------------------------------------------|--------|
| No. of children inspected by P.H.N.'s             | 31,403 |
| No. referred to Family Physician                  | 2,273  |
| No. referred to S.M.O.                            | 50     |
| No. of vision tests                               | 35,547 |
| No. referred re: vision                           | 4,253  |
| No. of color vision tests                         | 4,481  |
| No. found to be color blind                       | 234    |
| No. of audiometer tests                           | 12,524 |
| No. referred re: hearing                          | 488    |
| No. of dental inspections                         | 21,874 |
| No. requiring dental treatment                    | 4,385  |
| No. of T.B. Tests                                 | 20,162 |
| No. of positive T.B. Tests                        | 187    |
| No. excluded from school re: Communicable Disease | 2,765  |

Inspection for Pediculosis - 892

No. of First-Aid Treatments - 14,698

## Home Visits Re:Sickness and Health Education - 1974

|                                 |        |
|---------------------------------|--------|
| Pre-Natal.....                  | 281    |
| Newborn.....                    | 8,244  |
| Other than newborn infants..... | 2,332  |
| Pre-school children.....        | 8,701  |
| Nurseries & kindergartens.....  | 408    |
| School children.....            | 7,802  |
| Adults.....                     | 17,446 |
| Geriatric.....                  | 743    |
| Handicapped.....                | 1,124  |
| Mental Health.....              | 3,180  |
| T.B. ....                       | 26     |
| T.B. contacts.....              | 34     |

|                                       |        |
|---------------------------------------|--------|
| Acute Communicable Disease.....       | 1,195  |
| Investigations re: complaint.....     | 226    |
| Poison Control and safety in home.... | 327    |
| Family Planning.....                  | 3,925  |
| Co-op Social Welfare.....             | 1,953  |
| Family Folder.....                    | 1,520  |
| First Visits to Homes.....            | 10,730 |
| Repeat Visits to Homes.....           | 5,461  |
| Not Home.....                         | 5,461  |
| Not Found.....                        | 962    |

## Conferences Regarding Health Problems With:-

|               |        |
|---------------|--------|
| Doctors.....  | 479    |
| Teachers..... | 18,897 |
| Parents.....  | 7,912  |

|                           |        |
|---------------------------|--------|
| Students.....             | 22,082 |
| Supervisors.....          | 2,728  |
| Co-op Other Agencies..... | 1,953  |

## Health Education in Classrooms

No. of Films Shown..... 1,648

No. of Classroom Talks..... 1,496

## Miscellaneous

|                               |        |
|-------------------------------|--------|
| Meetings Attended.....        | 5,261  |
| Total No. of Phone Calls..... | 33,367 |

Meetings Addressed..... 420

# PUBLIC HEALTH NURSING SERVICES - 1974

## Inspections and Tests in Schools

|                                      |                                                   |
|--------------------------------------|---------------------------------------------------|
| 31,403                               | No. of children inspected by P.H.N.'s             |
| 2,273                                | No. referred to Family Physician                  |
| 50                                   | No. referred to S.M.O.                            |
| 32,247                               | No. of vision tests                               |
| 4,223                                | No. referred for vision                           |
| 4,481                                | No. of color vision tests                         |
| 234                                  | No. found to be color blind                       |
| 12,224                               | No. of audiometer tests                           |
| 488                                  | No. referred for hearing                          |
| 21,874                               | No. of dental inspections                         |
| 4,382                                | No. requiring dental treatment                    |
| 20,182                               | No. of T.B. Tests                                 |
| 187                                  | No. of positive T.B. Tests                        |
| 2,762                                | No. excluded from school for Communicable Disease |
| Inspection for Pediculosis - 892     |                                                   |
| No. of First-Aid Treatments - 14,898 |                                                   |

## Home Visits Re: Sickness and Health Education - 1974

|                                        |        |
|----------------------------------------|--------|
| Pre-Natal.....                         | 181    |
| Newborn.....                           | 8,244  |
| Other than newborn infants.....        | 2,323  |
| Pre-school children.....               | 8,701  |
| Nurses & kindergarten.....             | 408    |
| School children.....                   | 7,802  |
| Adults.....                            | 17,446 |
| Geriatric.....                         | 743    |
| Handicapped.....                       | 1,124  |
| Mental Health.....                     | 2,180  |
| T.B. ....                              | 26     |
| T.B. contacts.....                     | 34     |
| Not Home.....                          | 2,461  |
| Not Found.....                         | 962    |
| First Visits to Home.....              | 10,730 |
| Repeat Visits to Home.....             | 2,461  |
| Family Folder.....                     | 1,220  |
| Co-op Social Welfare.....              | 1,923  |
| Family Planning.....                   | 3,922  |
| Poison Control and safety in home..... | 327    |
| Investigations re: complaint.....      | 226    |
| Acute Communicable Disease.....        | 1,192  |

## Conferences Regarding Health Problems With:-

|                           |        |
|---------------------------|--------|
| Doctors.....              | 479    |
| Teachers.....             | 18,897 |
| Parents.....              | 7,912  |
| Co-op Other Agencies..... | 1,923  |
| Supervisors.....          | 2,728  |
| Students.....             | 22,082 |

## Health Education in Classrooms

|                             |       |
|-----------------------------|-------|
| No. of Films Shown.....     | 1,648 |
| No. of Classroom Talks..... | 1,496 |

## Miscellaneous

|                               |        |
|-------------------------------|--------|
| Meetings Attended.....        | 2,261  |
| Total No. of Phone Calls..... | 23,367 |
| Meetings Addressed.....       | 420    |

# SCHOOL TUBERCULOSIS TESTS - 1974

## GRADE I

| GRADE I<br>NO. PUPILS | TUBERCULIN TESTS<br>ACCEPTED | %<br>ACCEPTING TESTS | TUBERCULIN TESTS<br>POSITIVE | % FOUND POSITIVE<br>REACTORS |
|-----------------------|------------------------------|----------------------|------------------------------|------------------------------|
|-----------------------|------------------------------|----------------------|------------------------------|------------------------------|

|       |       |      |    |      |
|-------|-------|------|----|------|
| 8,159 | 7,434 | 91.1 | 24 | 0.32 |
|-------|-------|------|----|------|

The group of 24 Positive Reactors includes:  
14 Immigrants with 10 BCG  
4 Others with BCG

## GRADE IX

| GRADE IX<br>NO. PUPILS | TUBERCULIN TESTS<br>ACCEPTED | %<br>ACCEPTING TESTS | TUBERCULIN TESTS<br>POSITIVE | % FOUND POSITIVE<br>REACTORS |
|------------------------|------------------------------|----------------------|------------------------------|------------------------------|
|------------------------|------------------------------|----------------------|------------------------------|------------------------------|

|       |       |      |    |      |
|-------|-------|------|----|------|
| 8,233 | 7,544 | 91.6 | 68 | 0.90 |
|-------|-------|------|----|------|

The group of 68 Positive Reactors includes:  
28 Immigrants with 17 BCG  
14 Others with BCG  
2 Previous Positive Reactors

## STAFF

## CONTACTS ( STAFF & STUDENTS)

|                                 | No.<br>TESTED | No. of<br>REACTORS | No.<br>X-RAYED | No.<br>TESTED | No.<br>REACTORS | No.<br>X-RAYED |
|---------------------------------|---------------|--------------------|----------------|---------------|-----------------|----------------|
| School                          | 4,430         | 89                 | 1,338          |               |                 |                |
| Administration                  | 189           | 2                  |                | 144           | 28              | 119            |
| Maintenance &<br>Library Centre | 243           | 1                  |                |               |                 |                |

## FLUORIDE DISTRIBUTION PROGRAM

| CLINIC        | NEW PRESCRIPTION | REFILL PRESCRIPTION | TOTAL  |
|---------------|------------------|---------------------|--------|
| Anderson Road | -                | -                   | -      |
| Bowness       | 827              | 465                 | 1292   |
| City Hall     | 1695             | 2038                | 3733   |
| Forest Lawn   | 2880             | 1486                | 4366   |
| Haysboro      | 5667             | 5294                | 10,961 |
| North Hill    | 3847             | 3870                | 7717   |
| Scarboro      | 1451             | 818                 | 2269   |
| Shaganappi    | 1887             | 1167                | 3054   |
| Thornhill     | 586              | -                   | 586    |
| TOTALS        | 18,840           | 15,138              | 33,978 |

## SCHOOL TUBERCULOSIS TESTS - 1974

| GRADE I<br>NO. PUPILS | TUBERCULIN TESTS<br>ACCEPTED | 2<br>ACCEPTING TESTS | TUBERCULIN TESTS<br>POSITIVE | 2 FOUND POSITIVE<br>REACTORS |
|-----------------------|------------------------------|----------------------|------------------------------|------------------------------|
| 8,159                 | 7,434                        | 91.1                 | 24                           | 0.32                         |

The group of 24 Positive Reactors includes:  
14 Insurgents with 10 BCG  
4 Others with BCG

| GRADE IX<br>NO. PUPILS | TUBERCULIN TESTS<br>ACCEPTED | 2<br>ACCEPTING TESTS | TUBERCULIN TESTS<br>POSITIVE | 2 FOUND POSITIVE<br>REACTORS |
|------------------------|------------------------------|----------------------|------------------------------|------------------------------|
| 8,233                  | 7,244                        | 91.6                 | 68                           | 0.90                         |

The group of 68 Positive Reactors includes:  
38 Insurgents with 17 BCG  
14 Others with BCG  
2 Previous Positive Reactors

|                                 | STAFF         |                            | CONTACTS (STAFF & STUDENTS) |                 |                |
|---------------------------------|---------------|----------------------------|-----------------------------|-----------------|----------------|
|                                 | No.<br>TESTED | No. of<br>REACTORS X-RAYED | No.<br>TESTED               | No.<br>REACTORS | No.<br>X-RAYED |
| School                          | 4,430         | 89                         | 1,338                       |                 |                |
| Administration                  | 189           | 2                          | 144                         | 28              | 119            |
| Maintenance &<br>Library Centre | 243           | 1                          |                             |                 |                |

## FLUORIDE DISTRIBUTION PROGRAM

| CLINIC        | NEW PRESCRIPTION | REFILL PRESCRIPTION | TOTAL  |
|---------------|------------------|---------------------|--------|
| Anderson Road | -                | -                   | -      |
| Bowman        | 817              | 482                 | 1299   |
| City Hall     | 1692             | 2028                | 3720   |
| Forest Lawn   | 2880             | 1486                | 4366   |
| Hayboro       | 2667             | 2294                | 10,961 |
| North Hill    | 2847             | 2670                | 5517   |
| Scarboro      | 1451             | 818                 | 2269   |
| Shenandoah    | 1887             | 1167                | 3054   |
| Thornhill     | 286              | -                   | 286    |
| TOTALS        | 18,840           | 12,138              | 30,978 |

GRADE I IMMUNIZATION STATUS - OCTOBER, 1973

| DISEASE        | FULL %    | LAPSED %  | IN-ADEQUATE % | NONE %    | UN-KNOWN % | TOTAL %  |
|----------------|-----------|-----------|---------------|-----------|------------|----------|
| Diphtheria     | 6097 69.7 | 1044 11.9 | 509 5.8       | 517 5.9   | 585 6.7    | 8752 100 |
| Tetanus        | 6098 69.7 | 1044 11.9 | 509 5.8       | 517 5.9   | 584 6.7    | 8752 100 |
| Polio          | 5422 62.0 | 734 8.4   | 1391 15.9     | 616 7.0   | 589 6.7    | 8752 100 |
| Smallpox       | 4123 47.1 | 1091 12.5 |               | 2919 33.3 | 619 7.1    | 8752 100 |
| Measles: -     |           |           |               |           |            |          |
| a) LIVE        | 6358 72.6 |           |               | 1309 15.0 | 629 7.2    | 8752 100 |
| b) HAD DISEASE | 456 5.2   |           |               |           |            |          |

GRADE I IMMUNIZATION STATUS - MAY, 1974

| DISEASE        | FULL %    | LAPSED %  | IN-ADEQUATE % | NONE %    | UN-KNOWN % | TOTAL %  |
|----------------|-----------|-----------|---------------|-----------|------------|----------|
| Diphtheria     | 8292 94.9 | 123 1.4   | 111 1.3       | 85 1.0    | 125 1.4    | 8736 100 |
| Tetanus        | 8292 94.9 | 123 1.4   | 111 1.3       | 85 1.0    | 125 1.4    | 8736 100 |
| Polio          | 8211 94.0 | 95 1.1    | 199 2.3       | 105 1.2   | 126 1.4    | 8736 100 |
| Smallpox       | 3672 42.0 | 1751 20.1 |               | 3121 35.7 | 192 2.2    | 8736 100 |
| Measles: -     |           |           |               |           |            |          |
| a) LIVE        | 6653 76.2 |           |               | 1370 15.7 | 210 2.4    | 8736 100 |
| b) HAD DISEASE | 503 5.7   |           |               |           |            |          |

GRADE 1 IMMUNIZATION STATUS - OCTOBER, 1973

| DISEASE      | FULL      | LAPSED    | IN-<br>ADEQUATE | KNOW      | IN-<br>KNOWN | TOTAL   |
|--------------|-----------|-----------|-----------------|-----------|--------------|---------|
| lighter      | 6097 69.7 | 1044 11.9 | 509 5.8         | 517 5.9   | 587 6.7      | 8752 10 |
| scars        | 6098 69.7 | 1044 11.9 | 509 5.8         | 517 5.9   | 584 6.7      | 8752 10 |
| olio         | 5452 62.0 | 734 8.4   | 1331 15.3       | 618 7.0   | 588 6.7      | 8752 10 |
| malpox       | 4123 47.1 | 1091 12.5 |                 | 3919 45.3 | 619 7.1      | 8752 10 |
| analysis: -  |           |           |                 |           |              |         |
| (LIVE        | 6358 75.6 |           |                 | 1302 15.0 | 629 7.3      | 8752 10 |
| (HAD DISEASE | 456 5.3   |           |                 |           |              |         |

GRADE 1 IMMUNIZATION STATUS - MAY, 1974

| DISEASE      | FULL      | LAPSED    | IN-<br>ADEQUATE | KNOW      | IN-<br>KNOWN | TOTAL  |
|--------------|-----------|-----------|-----------------|-----------|--------------|--------|
| lighter      | 8292 94.9 | 123 1.4   | 111 1.3         | 82 1.0    | 125 1.4      | 8736 1 |
| scars        | 8292 94.9 | 123 1.4   | 111 1.3         | 82 1.0    | 125 1.4      | 8736 1 |
| olio         | 8211 94.0 | 92 1.1    | 139 1.6         | 102 1.2   | 156 1.8      | 8736 1 |
| malpox       | 3672 42.0 | 1751 20.1 |                 | 3121 35.7 | 192 2.2      | 8736 1 |
| analysis: -  |           |           |                 |           |              |        |
| (LIVE        | 6623 76.2 |           |                 | 1370 15.7 | 210 2.4      | 8736 1 |
| (HAD DISEASE | 203 2.3   |           |                 |           |              |        |

# USAGE OF MULTIPLE ANTIGENS IN 1974 IMMUNIZATIONS

(D) DOSES = Total Doses including the Completed and Reinforcing

(C) COMPLETED = The Last Dose in a Series

(R) REINFORCING = Booster Subsequent to a Series

|                       | DIPHTHERIA & TETANUS |       |       |  | TETANUS & POLIO (BIAD) |    |    |  | DIPH. & PERTUSSIS + TETANUS (TRIPLE) |     |        |  | TRIPLE + POLIO (QUAD) |       |     |  |
|-----------------------|----------------------|-------|-------|--|------------------------|----|----|--|--------------------------------------|-----|--------|--|-----------------------|-------|-----|--|
|                       | D                    | C     | R     |  | D                      | C  | R  |  | D                                    | C   | R      |  | D                     | C     | R   |  |
| INFANTS               | 12                   | 1     | 3     |  |                        |    |    |  | 311                                  | 84  | 163    |  | 15,250                | 3,844 | 19  |  |
| PRE-SCHOOL            | 515                  | 21    | 434   |  | 1                      | 1  |    |  | 10,824                               | 341 | 10,304 |  | 2,732                 | 743   | 98  |  |
| SCHOOL                | 6,110                | 959   | 3,678 |  | 20                     | 7  | 2  |  | 19                                   | 1   | 16     |  |                       |       |     |  |
| ADULTS                | 53                   | 15    | 9     |  | 149                    | 43 | 14 |  |                                      |     |        |  |                       |       |     |  |
| 1974 TOTALS           | 6,690                | 996   | 4,124 |  | 170                    | 51 | 16 |  | 11,154                               | 426 | 10,438 |  | 17,982                | 4,587 | 117 |  |
| 1973 (FOR COMPARISON) | 8,209                | 1,047 | 5,517 |  | 253                    | 57 | 16 |  | 10,741                               | 494 | 9,840  |  | 17,966                | 5,096 | 76  |  |



# USAGE OF SINGLE ANTIGENS IN 1974 IMMUNIZATIONS

- (D) DOSES - All Doses including the Completed & Reinforcing
- (C) COMPLETED - The Last Dose in a Series
- (R) REINFORCING - Booster Dose Subsequent to a Series

## PRIMARY SMALLPOX VACCINATION

## (REV) SMALLPOX REVACCINATION

|                       | RED   | MEASLES | RUBELLA | SMALLPOX |       | SALK  |     |     | SABIN  |       |        | TETANUS |     |       |
|-----------------------|-------|---------|---------|----------|-------|-------|-----|-----|--------|-------|--------|---------|-----|-------|
|                       |       |         |         | P        | REV.  | D     | C   | R   | D      | C     | R      | D       | C   | R     |
| INFANTS               | 66    |         |         | 3        |       | 13    | 2   |     | 6,609  | 2,788 | 23     |         |     |       |
| PRE-SCHOOL            | 6,211 |         |         | 645      | 138   | 79    | 21  | 5   | 11,535 | 2,374 | 6,308  | 4       | 1   | 1     |
| SCHOOLS               |       |         | 5,212   | 59       | 897   | 1,912 | 690 | 76  | 6,873  | 2,076 | 2,818  | 138     | 11  | 106   |
| ADULTS                |       |         | 200     | 226      | 5,852 | 217   | 55  | 25  | 1,739  | 315   | 935    | 2,266   | 411 | 1,014 |
| 1974 TOTALS           | 6,277 |         | 5,412   | 933      | 6,887 | 2,221 | 768 | 106 | 26,756 | 7,553 | 10,074 | 2,408   | 423 | 1,121 |
| 1973 (FOR COMPARISON) | 5,823 |         | 4,998   | 1,105    | 9,920 | 2,496 | 815 | 66  | 28,098 | 7,792 | 10,522 | 2,510   | 452 | 1,126 |



# USAGE OF SINGLE ANTIGENS IN 1974 IMMUNIZATIONS

(D) DOSES = All Doses Including the Completed and Reinforcing

(C) COMPLETED = The Last Dose in a Series

(R) REINFORCING = Booster Dose

|                          | TYPHOID<br>PARATYPHOID AB |     |     |       | TYPHUS |     |   |       | TYPHOID MONOVALENT |     |   |  | ROCKY MOUNTAIN<br>SPOTTED FEVER |   |   |    | RABIES |   |    |  |
|--------------------------|---------------------------|-----|-----|-------|--------|-----|---|-------|--------------------|-----|---|--|---------------------------------|---|---|----|--------|---|----|--|
|                          | D                         | C   | R   |       | D      | C   | R |       | D                  | C   | R |  | D                               | C | R |    | D      | C | R  |  |
| INFANTS                  | 8                         | 5   |     | 1     | 1      |     |   | 3     |                    |     |   |  |                                 |   |   |    |        |   |    |  |
| PRE-SCHOOL               | 67                        | 35  | 1   | 80    | 38     | 1   |   | 102   | 45                 | 5   |   |  |                                 |   |   |    |        |   |    |  |
| SCHOOL                   | 271                       | 93  | 23  | 198   | 82     | 13  |   | 558   | 241                | 22  |   |  |                                 |   |   | 2  |        |   | 1  |  |
| ADULTS                   | 2,130                     | 531 | 618 | 1,481 | 569    | 218 |   | 2,225 | 881                | 129 |   |  | 6                               | 2 | 1 | 65 | 8      |   | 23 |  |
| 1974<br>TOTALS           | 2,476                     | 664 | 642 | 1,760 | 690    | 232 |   | 2,888 | 1,167              | 156 |   |  | 6                               | 2 | 1 | 67 | 8      |   | 24 |  |
| 1973 (FOR<br>COMPARISON) | 2,384                     | 661 | 625 | 1,535 | 650    | 237 |   | 3,079 | 1,415              | 130 |   |  | 9                               | 3 | 2 | 74 | 18     |   | 25 |  |

During the later part of 1974 TYPHOID MONOVALENT immunization was substituted for TYPHOID PARATYPHOID AB immunization, with the exception that cases started with TYPHOID PARATYPHOID AB were completed with same.



# USAGE OF SINGLE ANTIGENS IN 1974 IMMUNIZATIONS

- (D) DOSES - All Doses Including the Completed and Reinforcing
- (C) COMPLETED - The last Dose in a Series
- (R) REINFORCING - Booster Dose

|                       | CHOLERA |       |     | PLAGUE |   |   | DIPHTHERIA |   |   | SCHICK TESTS | GAMMA GLOBULIN |
|-----------------------|---------|-------|-----|--------|---|---|------------|---|---|--------------|----------------|
|                       | D       | C     | R   | D      | C | R | D          | C | R |              |                |
| INFANTS               | 10      | 4     |     |        |   |   |            |   |   |              | 39             |
| PRE-SCHOOL            | 181     | 81    | 9   |        |   |   |            |   |   |              | 205            |
| SCHOOL                | 391     | 176   | 11  |        |   |   |            |   |   | 192          | 275            |
| ADULTS                | 3,444   | 1,426 | 185 | 4      | 1 | 1 | 23         | 5 | 6 | 441          | 511            |
| 1974 TOTALS           | 4,026   | 1,687 | 205 | 4      | 1 | 1 | 23         | 5 | 6 | 633          | 1,030          |
| 1973 (FOR COMPARISON) | 4,894   | 2,102 | 138 | 9      | 3 |   | 21         | 1 | 5 | 664          | 1,291          |



PUBLIC HEALTH NURSING SECTION - STUDENT PROGRAM

|                                   |                                 |                 |
|-----------------------------------|---------------------------------|-----------------|
| <u>HOLY CROSS HOSPITAL</u>        | <u>School of Nursing</u>        | <u>DAYS</u>     |
|                                   | 50 Students - 1½ days =         | 75              |
|                                   | <u>Graduate Staff</u>           |                 |
|                                   | 28 R.N.'s - ½ day =             | 14              |
| <u>FOOTHILLS GENERAL HOSPITAL</u> | <u>School of Nursing</u>        |                 |
|                                   | 20 Students - 1½ days =         | 30              |
| <u>MOUNT ROYAL COLLEGE</u>        | <u>Nursing Refresher Course</u> |                 |
|                                   | 6 Students - 1 day =            | 6               |
| <u>UNIVERSITY OF CALGARY</u>      | <u>Nursing Students</u>         |                 |
|                                   | <u>4th Year</u>                 |                 |
|                                   | 4 Students x 20 days =          | 80              |
|                                   | 2 Students x 1 day =            | 2               |
|                                   | 3 Students x ½ day =            | 1.5             |
|                                   | <u>3rd Year</u>                 |                 |
|                                   | 3 Students x 5 days =           | 15              |
|                                   | <u>2nd Year</u>                 |                 |
|                                   | 31 Students x 5 day =           | 31              |
|                                   | <u>Medical Students</u>         |                 |
|                                   | 15 Students x ½ day =           | 7.5             |
| <u>UNIVERSITY OF ALBERTA</u>      | <u>Nursing Students</u>         |                 |
|                                   | 8 Students x 5 days =           | 40              |
|                                   | <u>Dental Auxiliaries</u>       |                 |
|                                   | 3 Students x 2 days =           | 6               |
| <u>DIETETIC INTERNE</u>           | 1 Student x 1 day =             | 1               |
|                                   | <u>TOTAL NO. OF STUDENTS -</u>  | <u>174</u>      |
|                                   |                                 | <u>309 days</u> |
| <u>PANEL PRESENTATIONS</u>        | P.H.N. 2                        |                 |
|                                   | P.H.N. & V.O.N. 1               |                 |
|                                   | <u>3</u>                        |                 |

PUBLIC HEALTH NURSING SECTION - STUDENT PROGRAM

|                                   |                                 |                 |
|-----------------------------------|---------------------------------|-----------------|
| <u>HOLY CROSS HOSPITAL</u>        | <u>School of Nursing</u>        | <u>DAYS</u>     |
|                                   | 30 Students - 1 1/2 days =      | 75              |
|                                   | <u>Graduate Staff</u>           |                 |
|                                   | 28 R.N.'s - 1/2 day =           | 14              |
| <u>FOOTHILLS GENERAL HOSPITAL</u> | <u>School of Nursing</u>        |                 |
|                                   | 30 Students - 1 1/2 days =      | 30              |
| <u>MOUNT ROYAL COLLEGE</u>        | <u>Nursing Refresher Course</u> |                 |
|                                   | 6 Students - 1 day =            | 6               |
| <u>UNIVERSITY OF CALGARY</u>      | <u>Nursing Students</u>         |                 |
|                                   | <u>4th Year</u>                 |                 |
|                                   | 4 Students x 20 days =          | 80              |
|                                   | 2 Students x 1 day =            | 2               |
|                                   | 2 Students x 1/2 day =          | 1.5             |
|                                   | <u>3rd Year</u>                 |                 |
|                                   | 2 Students x 2 days =           | 12              |
|                                   | <u>2nd Year</u>                 |                 |
|                                   | 21 Students x 2 days =          | 31              |
|                                   | <u>Medical Students</u>         |                 |
|                                   | 12 Students x 1/2 day =         | 7.5             |
| <u>UNIVERSITY OF ALBERTA</u>      | <u>Nursing Students</u>         |                 |
|                                   | 8 Students x 5 days =           | 40              |
|                                   | <u>Dental Auxiliaries</u>       |                 |
|                                   | 2 Students x 2 days =           | 6               |
| <u>DIETETIC INSTITUTE</u>         | 1 Student x 1 day =             | 1               |
| <u>PANEL PRESENTATIONS</u>        | <u>TOTAL NO. OF STUDENTS -</u>  | <u>309 days</u> |
|                                   | 174                             |                 |

P.H.N. 2  
P.H.N. & V.O.N. 1  
3

ANNUAL REPORT FOR THE LOCAL BOARD OF HEALTH, CITY OF CALGARY HEALTH DISTRICT  
DENTAL DIVISION - 1974

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In 1974, the Dental Division underwent a dramatic change with regard to the physical components of its Dental Health Care Delivery Systems. The Haysboro and North Hill dental arrangements were redesigned to accommodate four operatories (from the previous 2). A new clinical area was designed in the Thornhill Community Tri-Service Building to serve the northern part of the City. Plans for a Bowmont clinic which will serve the districts of Bowness and Montgomery, were initiated. This building should be operational (staff permitting) approximately September 1975. New equipment was purchased for the majority of the dental operatories.

The basic objective behind these renovations and additions is to increase the effectiveness of the Dental Health Care Delivery Systems. It is imperative that maximum effectiveness of the delivery of dental services be realized not only in private practice but also in public health. This statement is based on the fact that there is a shortage of dentists in Canada, and that the availability of dental services is declining in the face of a rising population. With the greater public awareness of the value of adequate health care, rise in personal income, broader coverage by health insurance and to a new attitude that health service now is a right rather than a privilege, it is expected that the total demand for dental care could increase by more than 40% by 1980.

Although a great amount of time, effort and money have been spent on the various dental areas, it must be understood that a clinical treatment program is not the only activity of a program of dental public health. The program must embrace, in addition, research, dental-health education, and preventive dentistry. These other areas require attention because a dental program supported by taxes should be directed toward the improvement of the oral health of all people living within the region that it serves. The clinical program, therefore, should be planned to be of benefit to the community in as many ways as possible.

ANNUAL REPORT FOR THE LOCAL BOARD OF HEALTH, CITY OF CALGARY HEALTH DISTRICT  
DENTAL DIVISION - 1974

In 1974, the Dental Division underwent a dramatic change with regard to the physical components of its Dental Health Care Delivery Systems. The Haysboro and North Hill Dental arrangements were redesigned to accommodate four operators (from the previous 2). A new clinical area was designed in the Thornhill Community 711-Service Building to serve the northern part of the City. Plans for a new clinic which will serve the districts of Bowmont and Montgomery, were initiated. This building should be operational (still pending) approximately September 1975. New equipment was purchased for the majority of the dental operators.

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By improving the physical components of the system it is to be hoped that there will be an accompanying improvement in the dental health directly of the patients served. These clinical areas should not only offer a place where people experiencing dental pain can go for help but also offer an opportunity for face-to-face teaching, tailored to each patient's dental needs. Indirectly, there are other ways in which the clinics can be of benefit. By observation, social service workers and non-dental members of a health-department's staff etc., can become aware of the magnitude of the dental problem and the types of services which should be available to combat it. These observers also should be able to gain insight in to that which constitutes dental service of a proper quality both with respect to the service itself and to the surroundings in which it is provided. By serving as a place for demonstrations of new and established dental techniques, a clinic can be of benefit to dental assistants, dental hygienists and dentists from private offices who should be encouraged to visit clinics or to inquire about the value of methods used in providing services there.

It is well to keep in mind, then, that the value of a clinical service in programs of dental public health can be far greater than the actual number of teeth filled, extracted, cleaned, or "painted". Its great value may lie in the opportunity that it offers to provide educational experiences for the patients, their parents and guardians, the public health nurses and clerks, the clinical physicians, the social workers, and the private dental practitioners and their employees. The pocket books of taxpayers furnish the funds to establish, equip, and maintain public dental clinics. Their money should be spent wisely and with proper consideration given to providing clinical services in such a way that all of the groups concerned can derive the maximum in benefit from them. In this way, clinical dollars will reach far more people than the handful who actually sit in the dental chair.

Attached are the statistical tables pertaining to the dental services provided to the families of Calgary by the Dental Division for the year 1974. It should be noted that because of the renovations to the clinics, North Hill dental services were interrupted for a period of seven (7) months and Haysboro for a period of five (5) months. Although a strong effort was made to direct the patients from these areas to other clinics in the City, it was perceived that only a small percentage of the population were amenable to the suggestion.

By improving the physical components of the system it is to be hoped that there will be an accompanying improvement in the dental health directly of the patients served. These clinical areas should not only offer a place where people experiencing dental pain can go for help but also offer an opportunity for face-to-face teaching, tailored to each patient's dental needs. Indirectly, there are other ways in which the clinician can be of benefit. By observation, social service workers and non-dental members of a health-department staff etc., can become aware of the magnitude of the dental problem and the types of services which should be available to combat it. These observers also should be able to gain insight in to that which constitutes dental service of a proper quality both with respect to the service itself and to the surroundings in which it is provided. By serving as a place for demonstration of new and established dental techniques, a clinic can be of benefit to dental assistants, dental hygienists and dentists from private offices who should be encouraged to visit clinics or to inquire about the value of methods used in providing services there.

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## DENTAL TREATMENT SERVICES

|                                                                                                                                                                                    |                               | SCHOOL |       | PRE-SCHOOL |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------|-------|------------|-----|
| SERVICES RENDERED                                                                                                                                                                  |                               | 1974   |       | 1974       |     |
| Unfortunately, this had the effect of producing large backlogs, especially in the case of the dental hygienist program, which will have to be carried over and dealt with in 1975. |                               | 4,939  | 4,042 | 711        | 445 |
| APPOINTMENTS                                                                                                                                                                       | Free                          | 974    | 782   | 81         | 58  |
|                                                                                                                                                                                    | Cancellations                 | 393    | 348   | 11         | 9   |
|                                                                                                                                                                                    | Missed                        | 478    | 401   | 30         | 13  |
|                                                                                                                                                                                    | Emergency                     | 155    | 180   | 18         | 19  |
|                                                                                                                                                                                    | Recall                        | 1,241  | 847   | 136        | 53  |
|                                                                                                                                                                                    | New                           | 561    | 445   | 176        | 86  |
| EXAMS                                                                                                                                                                              | Clinical                      | 2,004  | 1,716 | 339        | 187 |
|                                                                                                                                                                                    | No. of X-Rays                 | 3,907  | 3,819 | 583        | 373 |
|                                                                                                                                                                                    | Carious 6 Yr. Molar           | 1,206  | 1,108 | 29         | 21  |
| PREVENTIVE                                                                                                                                                                         | Parent and/or Child Education | 4,246  | 2,354 | 685        | 242 |
|                                                                                                                                                                                    | Prophylaxis Completed         | 1,584  | 1,263 | 279        | 154 |
|                                                                                                                                                                                    | Topical Fluoride Completed    | 1,579  | 1,257 | 277        | 153 |
|                                                                                                                                                                                    | Periodontal Treatment         | 20     | 90    | 2          | -   |
| RESTORATIONS                                                                                                                                                                       | Permanent Restorations        | 3,240  | 3,008 | 16         | 13  |
|                                                                                                                                                                                    | Permanent Surfaces            | 5,288  | 4,909 | 19         | 22  |
|                                                                                                                                                                                    | Deciduous Restorations        | 1,160  | 899   | 553        | 398 |
|                                                                                                                                                                                    | Deciduous Surfaces            | 2,284  | 1,764 | 959        | 725 |
|                                                                                                                                                                                    | Polished                      | 1,620  | 2,559 | 48         | 149 |
|                                                                                                                                                                                    | Temporary Fillings            | 140    | 115   | 18         | 13  |
| ENDO                                                                                                                                                                               | Pulpotomy Deciduous           | 171    | 68    | 113        | 39  |
|                                                                                                                                                                                    | Endo Periapical               | 18     | 12    | -          | -   |
|                                                                                                                                                                                    | No. of Endo Appointments      | 181    | 112   | 84         | 28  |
| CROWNS                                                                                                                                                                             | Deciduous                     | 129    | 73    | 64         | 34  |
|                                                                                                                                                                                    | Permanent                     | 90     | 41    | -          | -   |
| TEETH COMPLETED                                                                                                                                                                    | Deciduous                     | 1,289  | 968   | 617        | 432 |
|                                                                                                                                                                                    | Permanent                     | 3,130  | 3,049 | 16         | 13  |
| APPLIANCES                                                                                                                                                                         | Space Maintainers             | 126    | 69    | 11         | 11  |
|                                                                                                                                                                                    | Ortho Appliances              | 95     | 44    | 6          | 5   |
|                                                                                                                                                                                    | Appliance Checks              | 391    | 251   | 11         | 7   |
|                                                                                                                                                                                    | Impressions                   | 281    | 193   | 13         | 11  |
| SURGERY                                                                                                                                                                            | Permanent Teeth Extracted     | 200    | 164   | 6          | 13  |
|                                                                                                                                                                                    | Deciduous Teeth Extracted     | 629    | 503   | 75         | 46  |
|                                                                                                                                                                                    | Fractures, Etc.               | 26     | 37    | 3          | 7   |
| Completed Clinic Cases                                                                                                                                                             |                               | 1,466  | 1,101 | 271        | 166 |
| Patients Dismissed                                                                                                                                                                 |                               | 49     | 46    | 11         | 4   |

Unfortunately, this had the effect of producing large backlogs, especially in the case of the dental hygienist program, which will have to be carried over and dealt with in 1975.

## DENTAL TREATMENT SERVICES

|                                                   |                               | SCHOOL |       | PRE-SCHOOL |      |
|---------------------------------------------------|-------------------------------|--------|-------|------------|------|
| SERVICES RENDERED BY DENTISTS & DENTAL ASSISTANTS |                               | 1973   | 1974  | 1973       | 1974 |
| APPOINTMENTS                                      | Welfare                       | 284    | 480   | 29         | 63   |
|                                                   | Paying                        | 4,939  | 4,042 | 711        | 445  |
|                                                   | Free                          | 974    | 782   | 81         | 58   |
|                                                   | Cancellations                 | 393    | 348   | 11         | 9    |
|                                                   | Missed                        | 478    | 401   | 30         | 13   |
|                                                   | Emergency                     | 155    | 180   | 18         | 19   |
|                                                   | Recall                        | 1,241  | 847   | 136        | 53   |
|                                                   | New                           | 561    | 445   | 176        | 86   |
| EXAMS                                             | Clinical                      | 2,004  | 1,716 | 339        | 187  |
|                                                   | No. of X-Rays                 | 3,907  | 3,819 | 583        | 373  |
|                                                   | Carious 6 Yr. Molar           | 1,206  | 1,108 | 29         | 21   |
| PREVENTIVE                                        | Parent and/or Child Education | 4,246  | 2,354 | 665        | 242  |
|                                                   | Prophylaxis Completed         | 1,584  | 1,263 | 279        | 154  |
|                                                   | Topical Fluoride Completed    | 1,579  | 1,257 | 277        | 153  |
|                                                   | Periodontal Treatment         | 20     | 90    | 2          | -    |
| RESTORATIONS                                      | Permanent Restorations        | 3,240  | 3,008 | 16         | 13   |
|                                                   | Permanent Surfaces            | 5,288  | 4,909 | 19         | 22   |
|                                                   | Deciduous Restorations        | 1,160  | 899   | 553        | 398  |
|                                                   | Deciduous Surfaces            | 2,284  | 1,764 | 959        | 725  |
|                                                   | Polished                      | 1,620  | 2,559 | 48         | 149  |
|                                                   | Temporary Fillings            | 140    | 115   | 18         | 13   |
| ENDO                                              | Pulpotomy Deciduous           | 171    | 68    | 113        | 39   |
|                                                   | Endo Permanent                | 18     | 12    | -          | -    |
|                                                   | No. of Endo Appointments      | 181    | 112   | 84         | 28   |
| CROWNS                                            | Deciduous                     | 129    | 73    | 64         | 34   |
|                                                   | Permanent                     | 90     | 41    | -          | -    |
| TEETH COMPLETED                                   | Deciduous                     | 1,289  | 968   | 617        | 432  |
|                                                   | Permanent                     | 3,330  | 3,049 | 16         | 13   |
| APPLIANCES                                        | Space Maintainers             | 126    | 69    | 11         | 11   |
|                                                   | Ortho Appliances              | 95     | 44    | 6          | 5    |
|                                                   | Appliance Checks              | 391    | 251   | 11         | 7    |
|                                                   | Impressions                   | 281    | 193   | 13         | 11   |
| SURGERY                                           | Permanent Teeth Extracted     | 200    | 164   | 6          | 13   |
|                                                   | Deciduous Teeth Extracted     | 629    | 503   | 75         | 46   |
|                                                   | Frenectomy, Etc.              | 26     | 37    | 3          | 7    |
|                                                   | Completed Clinic Cases        | 1,466  | 1,101 | 271        | 166  |
|                                                   | Patients Dismissed            | 49     | 46    | 11         | 4    |

# DENTAL TREATMENT SERVICES

| SERVICES RENDERED BY DENTISTS & DENTAL ASSISTANTS | SCHOOL |       | PRE-SCHOOL |       |
|---------------------------------------------------|--------|-------|------------|-------|
|                                                   | 1973   | 1974  | 1973       | 1974  |
| Patient's Discharge                               | 49     | 11    | 46         | 11    |
| Completed Clinic Cases                            | 5,466  | 5,701 | 5,771      | 5,661 |
| Fracture, Etc.                                    | 30     | 31    | 35         | 3     |
| Deciduous Teeth Extracted                         | 655    | 503   | 75         | 46    |
| Permanent Teeth Extracted                         | 500    | 464   | 6          | 13    |
| Impactions                                        | 361    | 493   | 13         | 41    |
| Appliance Checks                                  | 361    | 551   | 11         | 7     |
| Ortho Appliances                                  | 92     | 64    | 6          | 5     |
| Space Maintainers                                 | 130    | 69    | 11         | 11    |
| Permanent                                         | 3,370  | 3,049 | 16         | 13    |
| Deciduous                                         | 1,389  | 968   | 617        | 633   |
| Permanent                                         | 90     | 41    | -          | -     |
| Deciduous                                         | 159    | 73    | 64         | 36    |
| No. of Endo Apointments                           | 181    | 115   | 84         | 58    |
| Endo Permanent                                    | 18     | 12    | -          | -     |
| Endo Temporary Deciduous                          | 171    | 68    | 113        | 39    |
| Temporary Fillings                                | 140    | 115   | 18         | 13    |
| Polished                                          | 1,650  | 2,559 | 48         | 149   |
| Deciduous Surfaces                                | 5,384  | 1,764 | 959        | 755   |
| Deciduous Restorations                            | 1,140  | 899   | 553        | 398   |
| Permanent Surfaces                                | 5,188  | 4,909 | 19         | 22    |
| Permanent Restorations                            | 1,240  | 3,008 | 16         | 13    |
| Periodontal Treatment                             | 50     | 90    | 5          | -     |
| Topical Fluoride Completed                        | 1,579  | 1,357 | 577        | 153   |
| Prophylaxis Completed                             | 1,584  | 1,503 | 579        | 154   |
| Patient and/or Child Education                    | 4,546  | 2,354 | 665        | 563   |
| Care of X-Ray                                     | 1,506  | 1,108 | 79         | 51    |
| No. of X-Rays                                     | 3,901  | 3,819 | 583        | 373   |
| Clinical                                          | 2,004  | 1,716 | 359        | 187   |
| New                                               | 561    | 445   | 156        | 86    |
| Recall                                            | 1,241  | 867   | 136        | 53    |
| Emergency                                         | 155    | 150   | 18         | 19    |
| Mixed                                             | 478    | 401   | 30         | 17    |
| Concussions                                       | 597    | 368   | 11         | 9     |
| Pain                                              | 374    | 582   | 81         | 58    |
| Restoring                                         | 4,939  | 4,045 | 711        | 445   |
| Referrals                                         | 584    | 480   | 59         | 63    |

# PREVENTIVE EDUCATION

The prevention of dental disease is based upon the application of dental health knowledge by the individual. For this reason, organized dental health education has now become an important factor in public health programs.

For the dentalhygienists employed in Public Health, prevention of dental disease is a primary objective.

## TOPICAL FLUORIDE PAINTING

During 1974 the Dental Hygienists carried out dental inspections, oral prophylaxes and topical fluoride applications on pre-school children and Grade 1 students.

These fluoride paintings not only provided the anti-cariogenic effect of the fluoride but offered a means of informing the parents concerning the accepted standard for dental health.

The following table presents a summary of the clinical services provided by the dental hygienists.

DENTAL HYGIENIST CLINICAL SERVICES - 1974

|                                                                    | PRE-SCHOOL |          | SCHOOL |            |
|--------------------------------------------------------------------|------------|----------|--------|------------|
|                                                                    | 1973       | 1974     | 1973   | 1974       |
| Appointments Made                                                  | 6,945      | 6,474    | 2,169  | 2,294      |
| Cancellations                                                      | 432        | 445      | 77     | 111        |
| Missed Appointments                                                | 340        | 300      | 91     | 92         |
| Recall Patients                                                    | 2,878      | 2,587    | 1,393  | 1,543      |
| New Patients                                                       | 3,295      | 3,142    | 608    | 548        |
| Visual Examination                                                 | 6,134      | 5,692    | 1,990  | 2,085      |
| Poor Oral Hygiene                                                  | 2,656      | 2,320    | 770    | 731        |
| Apparent Caries Free                                               | 3,856      | 3,660    | 725    | 820        |
| Visual Dental Decay                                                | 1,405      | 1,352    | 609    | 633        |
| Carious 6 Yr. Molar $\begin{smallmatrix} C \\ T \end{smallmatrix}$ | 21         | 24-C 4-T | 141    | 130-C 52-T |
| Treatment Completed                                                | 873        | 680      | 656    | 632        |
| Malocclusion/Malalignment                                          | 926        | 936      | 276    | 297        |
| Premature Loss of Primary Teeth                                    | 128        | 105      | 84     | 92         |
| Other Abnormalities *                                              | 536        | 849      | 190    | 298        |
| Prophylaxis                                                        | 6,118      | 5,657    | 1,978  | 2,073      |
| Fluoride                                                           | 6,009      | 5,646    | 1,974  | 2,073      |
| Parent and/or Child Education                                      | 5,925      | 5,649    | 1,968  | 2,072      |
| Unfinished Cases                                                   | 74         | 83       | 27     | 18         |
| Taking Systemic $F_2$                                              | 5,094      | 4,709    | 1,550  | 1,656      |
| Prescribed Systemic $F_2$                                          | 501        | 456      | 225    | 215        |
| Refused Systemic $F_2$                                             | 198        | 197      | 91     | 85         |
| Referred to Private Dentist                                        | 646        | 555      | 257    | 183        |
| Referred to City Dental Clinic                                     | 5          | -        | 8      | 3          |

## EXAMPLES OF ABNORMALITIES:

Calculus - 183 patients

Black Line Stain - 41 patients

## PREVENTIVE EDUCATION

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For the dental hygienists employed in Public Health, prevention of dental disease is a primary objective.

## TOPICAL FLUORIDE PAINTING

During 1974 the Dental Hygienists carried out dental inspections, oral prophylaxes and topical fluoride applications on pre-school children and Grade 1 students.

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The following table presents a summary of the clinical services provided by the dental hygienists.

DENTAL HYGIENIST CLINICAL SERVICES - 1974

|                                    | PRE-SCHOOL |          | SCHOOL |           |
|------------------------------------|------------|----------|--------|-----------|
|                                    | 1973       | 1974     | 1973   | 1974      |
| Appointments Made                  | 6,947      | 8,474    | 2,189  | 2,194     |
| Cancellations                      | 432        | 445      | 77     | 111       |
| Missed Appointments                | 340        | 309      | 91     | 92        |
| Recall Patients                    | 1,878      | 1,587    | 1,393  | 1,543     |
| New Patients                       | 1,295      | 1,142    | 803    | 848       |
| Visual Examination                 | 6,176      | 5,892    | 1,990  | 2,082     |
| Poor Oral Hygiene                  | 2,858      | 2,320    | 770    | 731       |
| Apparent Caries Free               | 1,856      | 1,880    | 735    | 820       |
| Visual Dental Decay                | 1,402      | 1,322    | 609    | 632       |
| Cavities & Yr. Molar               | 21         | 24-C & T | 141    | 130-C & T |
| Treatment Completed                | 873        | 680      | 626    | 632       |
| Malocclusion/Malalignment          | 926        | 936      | 276    | 297       |
| Restoration Loss of Primary Teeth  | 128        | 102      | 84     | 92        |
| Other Abnormalities *              | 238        | 849      | 190    | 288       |
| Prophylaxis                        | 6,118      | 5,823    | 1,978  | 2,073     |
| Fluoride                           | 6,000      | 5,646    | 1,976  | 2,073     |
| Parent and/or Child Education      | 2,922      | 2,848    | 1,868  | 2,073     |
| Untreated Cases                    | 74         | 83       | 37     | 18        |
| Taking Systemic F <sub>2</sub>     | 2,094      | 4,709    | 1,220  | 1,628     |
| Prescribed Systemic F <sub>2</sub> | 201        | 456      | 228    | 212       |
| Refused Systemic F <sub>2</sub>    | 198        | 197      | 91     | 82        |
| Referred to Private Dentist        | 646        | 522      | 227    | 181       |
| Referred to City Dental Clinic     | 2          | -        | 8      | 3         |

EXAMPLES OF ABNORMALITIES:

Cavities - 181 patients

Black Line Teeth - 41 patients

In addition to the clinical services, the dental hygienists provided extensive dental health education through school and community groups.

# 1. PROCTOR & GAMBLE PROGRAM

This program consists of:

- (a) Dental Inspection of Grade 2 and Grade 3 students and some special education classes.

Results of the inspections are as follows:

## DENTAL HEALTH EDUCATION - 1974

| S T U D E N T S      |        |        |        | O R A L   H Y G I E N E |        |        |       |        |        |        |        |
|----------------------|--------|--------|--------|-------------------------|--------|--------|-------|--------|--------|--------|--------|
| GRADE                | NUMBER | CF     | ATC    | MTR                     | NR     | X      | XR    | G      | F      | P      | R      |
| 2                    | 3,812  | 801    | 1,533  | 1,478                   | 584    | 711    | 108   | 414    | 1,505  | 1,893  | 1,050  |
|                      |        | 21.01% | 40.22% | 38.77%                  | 15.32% | 18.65% | 2.83% | 10.86% | 39.48% | 49.66% | 27.54% |
| 3                    | 3,943  | 461    | 1,908  | 1,574                   | 433    | 964    | 140   | 498    | 1,450  | 1,995  | 888    |
|                      |        | 11.69% | 48.39% | 39.92%                  | 10.98% | 24.45% | 3.55% | 12.63% | 36.77% | 50.60% | 22.52% |
| SPECIAL<br>EDUCATION | 25     | 4      | 13     | 8                       | 5      | 6      | 2     | 1      | 12     | 12     | 5      |
|                      |        | 16.00% | 52.00% | 32.00%                  | 20.00% | 24.00% | 8.00% | 4.00%  | 48.00% | 48.00% | 20.00% |
|                      | 7,780  | 1,266  | 3,454  | 3,060                   | 1,022  | 1,681  | 250   | 913    | 2,967  | 3,900  | 1,943  |
|                      |        | 16.27% | 44.40% | 39.33%                  | 13.14% | 21.61% | 3.21% | 11.74% | 38.14% | 50.12% | 24.97% |

LEGEND:- CF - caries free  
 ATC - all treatment completed  
 MTR - more treatment required  
 NR - no restorations  
 R - referral

X - tooth extracted  
 XR - due for extraction  
 OX - oral hygiene  
 G - good  
 F - fair  
 P - poor



These inspections are not considered as complete examinations as X-rays were not used.

- (b) Following the dental inspection each participating class received a dental health lesson.

Each Grade 3 student was supplied with a toothbrushing kit.

Following the instructions of a hygienist each Grade 3 student brushed all areas of the mouth. Individual instruction was given when necessary.

## 2. SPECIAL REQUESTS

Dental health lectures were also provided to parent groups and school groups. The majority of the requests for school groups came from the Public Health Nurses. Posters, films, models, experiments were used to present current and up to date information.

## 3. PRE-SCHOOL REQUESTS

A very popular program which the hygienists have offered to kindergarten groups is a dental health puppet show. Puppets, provide a very useful means of dental health education.

The following table presents a summary of the school and community lectures.

### DENTAL HYGIENISTS' SCHOOL VISITS

#### SCHOOLS INCLUDED IN THE PROCTOR & GAMBLE PROGRAM

|            |         |   |       |
|------------|---------|---|-------|
| 91 Schools | Grade 2 | = | 3,812 |
|            | Grade 3 | = | 3,943 |
|            | Special | = | 25    |
|            | TOTAL   | = | 7,780 |

#### PRE-SCHOOL

188 Classes ————— 3,967 Pre-schoolers

#### OTHER SCHOOLS

97 School Visits ————— 10,669 Students

|         |   |       |
|---------|---|-------|
| Grade 1 | = | 2,988 |
| Grade 2 | = | 1,706 |
| Grade 3 | = | 1,379 |
| Grade 4 | = | 803   |
| Grade 5 | = | 1,678 |
| Grade 6 | = | 964   |
| Grade 7 | = | 475   |
| Grade 8 | = | 255   |
| Grade 9 | = | 105   |
| Special | = | 316   |

#### ADULT EDUCATION

4 Lectures ————— 94 Adults

#### CAREER TALKS

2 Presentations ————— 50 Students

These inspections are not considered as complete examinations as X-rays were not used.

- (b) Following the dental inspection each participating class received a dental health lesson.  
Each Grade 3 student was supplied with a toothbrushing kit.  
Following the instructions of a hygienist each Grade 3 student brushed all areas of the mouth. Individual instruction was given when necessary.

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The following table presents a summary of the school and community lectures.

### DENTAL HYGIENISTS' SCHOOL VISITS

#### SCHOOLS INCLUDED IN THE PROJECT & GUMBLE PROGRAM

|            |         |   |       |
|------------|---------|---|-------|
| 21 Schools | Grade 1 | = | 2,812 |
|            | Grade 2 | = | 2,963 |
|            | Special | = | 22    |
|            | TOTAL   | = | 7,797 |

#### PRE-SCHOOL

188 Classes ————— 3,967 Pre-schoolers

#### OTHER SCHOOLS

97 School Visits ————— 10,669 Students

|         |   |       |
|---------|---|-------|
| Grade 1 | = | 2,988 |
| Grade 2 | = | 1,706 |
| Grade 3 | = | 1,379 |
| Grade 4 | = | 803   |
| Grade 5 | = | 1,678 |
| Grade 6 | = | 961   |
| Grade 7 | = | 472   |
| Grade 8 | = | 222   |
| Grade 9 | = | 102   |
| Special | = | 216   |

#### ADULT EDUCATION

4 Lectures ————— 94 Adults

#### CAREER TALKS

2 Presentations ————— 50 Students

#### 4. STUDENT PROGRAMS

Field practice and observation programs were once again provided for both Dental Hygiene and Dental Assisting Students.

- |                                                     |                                          |
|-----------------------------------------------------|------------------------------------------|
| A. Dental Hygiene students<br>University of Alberta | 4 Students -- 5 days                     |
| B. Dental Assisting Students<br>S.A.I.T.            | 11 Students -- 16.5 days<br>(1 1/2 days) |

The street Division of the Local Board of Health now has 17 districts with an inspector assigned to each district. He covers all phases of the health work in the city. With the Local Board: Health Officer, Milk and Dairy Inspector, Complaints Officer and Health Education Officer. This was increased by three inspectors over the previous year. We have had the good fortune of securing an inspector from Durham, England, by the name of Douglas Ware, who comes to us with all qualifications that are necessary for the position. We have two additional inspectors who have graduated from Ryerson Institute in Toronto and have been in the Public Health field in Brooks and Vegreville in the Province of Alberta, Ron Carlson and John Ewen. With the increase of population in the City of Calgary, we thought it necessary to increase our staff by three. With the ever increasing number of businesses that come under our inspectional services, it was apparent that there was a great need for additional staff.

There was an increase of 52 new restaurants in the City of Calgary over this past year, with most of them having either a beverage room or cocktail lounge. This increased the inspectional services for restaurants alone to 1,157 more inspectional calls. The alcoholic beverage outlets increased from 142 to 189 over this same period of time. There was a marked increase in the number of complaints and complaint call-backs done by the inspectors during the course of the year. What with new businesses in the City of Calgary, there was a marked increase of 473 over the previous year of requests for inspections from the Planning Department. This gives you a brief outline as to the necessity of the increase in staff.

The Health Education section has held seminars during the year for the staff of food services establishments who have had the opportunity to attend these classes. The attendance was most gratifying. The inspectors conducted educational tours for student nurses, student dental hygienists, nursing aides and hospital dietitians.

The Calgary Exhibition and Stampede was inspected by a team of four inspectors, two to a shift, during the opening hours of the Stampede. All food concessions were inspected numerous times during the day and night, and kept to a standard acceptable by the Board. All other facilities that were visited by the Public were inspected and from the few complaints that the department did receive, these establishments were kept up to a standard that was acceptable by the Public. Of the few complaints that were received, most were complaints regarding the noise from the rides and from the bands. Monitoring was done and we found that the sound levels in many cases were even dangerous in some instances. Verbal notices were issued to all causing the nuisances. All areas were kept under constant control after complaints had been received. During the Stampede there were no cases of food poisoning reported to this department. This was mainly due to constant inspection of all food establishments on the grounds.

## STUDENT PROGRAMS

Field practice and observation programs were once again provided for both Dental Hygiene and Dental Assisting Students.

A. Dental Hygiene students  
University of Alberta -- 4 Students -- 5 days

B. Dental Assisting Students  
S.A.I.T. -- 11 Students -- 16.5 days  
(1 1/2 days)

## ANNUAL REPORT FOR THE ENVIRONMENTAL HEALTH INSPECTIONAL DIVISION

## CITY OF CALGARY HEALTH DISTRICT

The structure of the Inspectional Division of the Local Board of Health now has 17 districts with an inspector assigned to each district. He covers all phases of Public Health in his field. There are 21 Inspectors with the Local Board: Housing Inspector, Milk and Dairy Inspector, Complaints Officer and Health Education Officer. This was increased by three inspectors over the previous year. We have had the good fortune of securing an inspector from Durham, England, by the name of Douglas Ware, who comes to us with all qualifications that are necessary for the position. We have two additional inspectors who have graduated from Ryerson Institute in Toronto and have been in the Public Health field in Brooks and Vegreville in the Province of Alberta, Ron Carlson and John Raven. With the increase of population in the City of Calgary, we thought it necessary to increase our staff by three. With the ever increasing number of businesses that come under our inspectional services, it was apparent that there was a great need for additional staff.

There was an increase of 52 new restaurants in the City of Calgary over this past year, with most of them having either a beverage room or cocktail lounge. This increased the inspectional services for restaurants alone to 1,157 more inspectional calls. The alcoholic beverage outlets increased from 142 to 189 over this same period of time. There was a marked increase in the number of complaints and complaint call-backs done by the inspectors during the course of the year. What with new businesses in the City of Calgary, there was a marked increase of 473 over the previous year of requests for inspections from the Planning Department. This gives you a brief outline as to the necessity of the increase in staff.

The Health Education section has held seminars during the year for the staff of food services establishments who have had the opportunity to attend these classes. The attendance was most gratifying. The inspectors conducted educational tours for student nurses, student dental hygienists, nursing aides and hospital dietitians.

The Calgary Exhibition and Stampede was inspected by a team of four inspectors, two to a shift, during the opening hours of the Stampede. All food concessions were inspected numerous times during the day and night, and kept to a standard acceptable by the Board. All other facilities that were visited by the Public were inspected and from the few complaints that the department did receive, these establishments were kept up to a standard that was acceptable by the Public. Of the few complaints that were received, most were complaints regarding the noise from the rides and from the bands. Monitoring was done and we found that the sound levels in many cases were even dangerous in some instances. Verbal notices were issued to all causing the nuisances. All areas were kept under constant control after complaints had been received. During the Stampede there were no cases of food poisoning reported to this department. This was mainly due to constant inspection of all food establishments on the grounds.

ANNUAL REPORT FOR THE ENVIRONMENTAL HEALTH INSPECTORIAL DIVISION  
CITY OF CALGARY HEALTH DISTRICT

The structure of the Inspectorial Division of the Local Board of Health now has 17 districts with an inspector assigned to each district. He covers all phases of Public Health in his field. There are 21 inspectors with the local Board: Housing Inspector, Milk and Dairy Inspector, Complaints Officer and Health Education Officer. This was increased by three inspectors over the previous year. We have had the good fortune of securing an inspector from Durham, England, by the name of Douglas Watts, who comes to us with all qualifications that are necessary for the position. We have two additional inspectors who have graduated from Ryerson Institute in Toronto and have been in the Public Health field in Brock and Vegreville in the Province of Alberta. Ron Carlson and John Raven. With the increase of population in the City of Calgary, we thought it necessary to increase our staff by three. With the ever increasing number of businesses that come under our inspectorial services, it was apparent that there was a great need for additional staff.

There was an increase of 52 new restaurants in the City of Calgary over this past year, with most of them having either a beverage room or cocktail lounge. This increased the inspectorial services for restaurants alone to 1,157 more inspections calls. The alcoholic beverage outlets increased from 142 to 189 over this same period of time. There was a marked increase in the number of complaints and complaint call-backs done by the inspectors during the course of the year. What with new businesses in the City of Calgary, there was a marked increase of 473 over the previous year of requests for inspections from the Planning Department. This gives you a brief outline as to the necessity of the increase in staff.

The Health Education section has held seminars during the year for the staff of food services establishments who have had the opportunity to attend these classes. The attendance was most gratifying. The inspectors conducted educational tours for student nurses, student dental hygienists, nursing aides and hospital dietitians.

The Calgary Exhibition and Stampede was inspected by a team of four inspectors, two on a shift, during the opening hours of the Stampede. All food concessions were inspected numerous times during the day and night, and kept to a standard acceptable by the Board. All other facilities that were visited by the Public Health Inspector and from the few complaints that the department did receive, these establishments were kept up to a standard that was acceptable by the Public. Of the few complaints that were received, most were complaints regarding the noise from the rides and from the bands. Monitoring was done and we found that the sound levels in many cases were even dangerous in some instances. Verbal notices were issued to all causing the nuisance. All areas were kept under constant control after complaints had been received. During the Stampede there were no cases of food poisoning reported to this department. This was mainly due to constant inspection of all food establishments on the grounds.

STATISTICAL SUMMARY OF DISTRICT INSPECTIONS  
DETAILED REPORT - 1974

|                                                                                                                                                                                                                                                                                           | Number Established | Number of Inspections Made |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------|
| I would like to take this opportunity to express my appreciation of a job well done by the inspectors, and may I express my appreciation of support and counsel received from the Medical Officer of Health, the Assistant Medical Officer of Health and the Public Health Nursing Staff. |                    | 1,456                      |
| Apartment Blocks                                                                                                                                                                                                                                                                          | 1,862              | 594                        |
| Arcades, Bowling, Billiards                                                                                                                                                                                                                                                               | 39                 | 390                        |
| Respectfully submitted,                                                                                                                                                                                                                                                                   |                    | 216                        |
| Bakeries, Wholesale                                                                                                                                                                                                                                                                       | 20                 | 159                        |
| Bakeshops, Retail                                                                                                                                                                                                                                                                         | 83                 | 763                        |
| Barber Shops                                                                                                                                                                                                                                                                              | 179                | 659                        |
| N.L. Bruce, C.P.H.I.(C), M.R.S.H.                                                                                                                                                                                                                                                         | 257                | 768                        |
| Chief Public Health Inspector                                                                                                                                                                                                                                                             | 2                  | 9                          |
| Bottling Works                                                                                                                                                                                                                                                                            | 9                  | 91                         |
| Breweries                                                                                                                                                                                                                                                                                 | 1                  | 8                          |
| Butchers                                                                                                                                                                                                                                                                                  | 138                | 1,031                      |
| Camp Grounds                                                                                                                                                                                                                                                                              | 6                  | 12                         |
| Caterers                                                                                                                                                                                                                                                                                  | 42                 | 212                        |
| Chicken Slaughter Houses                                                                                                                                                                                                                                                                  | 1                  | 5                          |
| Chinchillas                                                                                                                                                                                                                                                                               | 48                 | 30                         |
| Cold Storage Plants                                                                                                                                                                                                                                                                       | 5                  | 9                          |
| Concessions                                                                                                                                                                                                                                                                               | 129                | 2,770                      |
| Dairy Bars                                                                                                                                                                                                                                                                                | 21                 | 109                        |
| Delicatessen                                                                                                                                                                                                                                                                              | 25                 | 419                        |
| Dry Cleaners                                                                                                                                                                                                                                                                              | 103                | 181                        |
| Factories                                                                                                                                                                                                                                                                                 | 251                | 253                        |
| Farmer's Market                                                                                                                                                                                                                                                                           | 2                  | 52                         |
| Feed Lots                                                                                                                                                                                                                                                                                 | 4                  | 10                         |
| Fish Markets                                                                                                                                                                                                                                                                              | 4                  | 60                         |
| Fish Wholesale                                                                                                                                                                                                                                                                            | 2                  | 8                          |
| Food Poisoning - Complaints                                                                                                                                                                                                                                                               |                    | 42                         |
| Food Processors                                                                                                                                                                                                                                                                           | 3                  | 149                        |
| Food Stores                                                                                                                                                                                                                                                                               | 416                | 3,555                      |
| Garages - Complaints                                                                                                                                                                                                                                                                      |                    | 38                         |
| Garbage - Complaints                                                                                                                                                                                                                                                                      |                    | 1,264                      |
| Halls                                                                                                                                                                                                                                                                                     | 135                | 201                        |
| Hatcheries                                                                                                                                                                                                                                                                                | 2                  | 11                         |
| Hawkers                                                                                                                                                                                                                                                                                   | 37                 | 244                        |
| Health Parlors                                                                                                                                                                                                                                                                            | 27                 | 127                        |
| Health Education                                                                                                                                                                                                                                                                          |                    | 73                         |
| Home Occupations                                                                                                                                                                                                                                                                          | 72                 | 105                        |
| Horse Meat Packers                                                                                                                                                                                                                                                                        | 1                  | 2                          |
| Hospitals                                                                                                                                                                                                                                                                                 | 8                  | 76                         |
| Hostels                                                                                                                                                                                                                                                                                   | 1                  | 7                          |
| Hotels                                                                                                                                                                                                                                                                                    | 64                 | 125                        |
| Housing                                                                                                                                                                                                                                                                                   |                    | 2,971                      |

I would like to take this opportunity to express my appreciation of a job well done by the inspectors, and may I express my appreciation of support and counsel received from the Medical Officer of Health, the Assistant Medical Officer of Health and the Public Health Nursing Staff.

Respectfully submitted,

N.L. Bruce, C.F.H.I.(C), M.R.S.H.  
Chief Public Health Inspector



STATISTICAL SUMMARY OF DISTRICT INSPECTIONS  
DETAILED REPORT - 1974

| Number of Establishments as of December 31, 1974 | Number of Inspections Made |
|--------------------------------------------------|----------------------------|
| Housing                                          | 2,971                      |
| Hotels                                           | 125                        |
| Hostels                                          | 7                          |
| Hospitals                                        | 78                         |
| Horse Meat Packers                               | 1                          |
| Horse Occupations                                | 105                        |
| Health Education                                 | 73                         |
| Health Parlors                                   | 127                        |
| Howlers                                          | 244                        |
| Hatcheries                                       | 11                         |
| Malis                                            | 201                        |
| Garbage - Complaints                             | 1,264                      |
| Garage - Complaints                              | 38                         |
| Food Stores                                      | 3,522                      |
| Food Processors                                  | 149                        |
| Food Poisoning - Complaints                      | 42                         |
| Fish Wholesaler                                  | 8                          |
| Fish Markets                                     | 60                         |
| Feed Lots                                        | 10                         |
| Farmer's Market                                  | 22                         |
| Factories                                        | 253                        |
| Dry Cleaners                                     | 181                        |
| Delicatessen                                     | 419                        |
| Dairy Bars                                       | 109                        |
| Concessions                                      | 2,770                      |
| Cold Storage Plants                              | 9                          |
| Chinchillas                                      | 30                         |
| Chicken Slaughter Houses                         | 2                          |
| Caterers                                         | 212                        |
| Camp Grounds                                     | 12                         |
| Butchers                                         | 1,021                      |
| Breweries                                        | 8                          |
| Bottling Works                                   | 91                         |
| Boarding Houses                                  | 9                          |
| Beauty Parlors                                   | 768                        |
| Barber Shops                                     | 659                        |
| Bakery Shops, Retail                             | 783                        |
| Bakeries, Wholesale                              | 159                        |
| Arcades, Bowling, Billiards                      | 216                        |
| Apartment Blocks                                 | 380                        |
| Animals - Complaints                             | 284                        |
| Alcoholic Beverage Sales                         | 1,456                      |

|                                   | Number Established<br>as of December 31, 1974 | Number of Inspections<br>Made |
|-----------------------------------|-----------------------------------------------|-------------------------------|
| Incinerators - Approved           | 7                                             | 19                            |
| Infestations - Complaints         |                                               | 199                           |
| Institutions                      | 214                                           | 688                           |
| Kennels                           | 6                                             | 49                            |
| Laboratory - Trips to             |                                               | 851                           |
| Lanes - Complaints                |                                               | 564                           |
| Laundries                         | 83                                            | 271                           |
| Meat Processing                   | 12                                            | 39                            |
| Meetings                          |                                               | 422                           |
| Miscellaneous                     |                                               | 2,682                         |
| Mobile Canteens                   | 3                                             | 72                            |
| Noise - Surveys - Complaints      |                                               | 6                             |
| Noxious Gases                     |                                               | 147                           |
| Occupational Health - Complaints  |                                               | 120                           |
| Office Buildings                  | 275                                           | 242                           |
| O.P.C. - Beer & Wine              |                                               | 106                           |
| O.P.C. - Beverage Rooms           |                                               | 205                           |
| O.P.C. - Cocktail Lounges         |                                               | 398                           |
| O.P.C. - Dairy                    |                                               | 46                            |
| O.P.C. - Drinking Fountains       |                                               | 12                            |
| O.P.C. - Restaurants              |                                               | 3,630                         |
| O.P.C. - Swimming Pools           |                                               | 71                            |
| O.P.C. - Turtle Water             |                                               | 1                             |
| Pet Shops                         | 27                                            | 164                           |
| Pigeon Complaints                 |                                               | 29                            |
| Pigeon Lofts                      | 28                                            | 24                            |
| Poultry Complaints                |                                               | 7                             |
| Rendering Plants                  | 2                                             | 14                            |
| Restaurants                       | 657                                           | 8,409                         |
| Riding Academies                  | 2                                             | 1                             |
| Rinks, Roller & Ice               | 23                                            | 40                            |
| Rodents - Complaints              |                                               | 20                            |
| Rooming Houses                    | 129                                           | 42                            |
| Salvage - Metal & Paper           | 37                                            | 47                            |
| Schools                           | 142                                           | 110                           |
| Second Hand Clothing Store        | 8                                             | 7                             |
| Septic Tanks                      | 547                                           | 17                            |
| Service Stations                  | 92                                            | 42                            |
| Shopping Centres                  | 42                                            | 436                           |
| Slaughter Houses                  | 7                                             | 12                            |
| Staff Cafeterias                  | 22                                            | 342                           |
| Survey - Chocolate Recall         |                                               | 101                           |
| Survey - Jewellers - Ear Piercing |                                               | 24                            |
| Survey - Microwave Oven           |                                               | 46                            |
| Swimming Pools                    | 75                                            | 325                           |

| Number of Inspections Made |  | Number Established as of December 31, 1974 |                                   |
|----------------------------|--|--------------------------------------------|-----------------------------------|
| 322                        |  | 72                                         | Swimming Pools                    |
| 46                         |  |                                            | Survey - Microwave Oven           |
| 34                         |  |                                            | Survey - Jewellers - Ear Piercing |
| 101                        |  |                                            | Survey - Chocolate Recall         |
| 342                        |  | 22                                         | Staff Cafeterias                  |
| 12                         |  | 7                                          | Slaughter Houses                  |
| 436                        |  | 42                                         | Shopping Centers                  |
| 42                         |  | 92                                         | Service Stations                  |
| 17                         |  | 247                                        | Septic Tanks                      |
| 7                          |  | 8                                          | Second Hand Clothing Store        |
| 110                        |  | 142                                        | Schools                           |
| 47                         |  | 37                                         | Salvage - Metal & Paper           |
| 42                         |  | 129                                        | Rooming Houses                    |
| 20                         |  |                                            | Robbers - Complaints              |
| 40                         |  | 23                                         | Rinks, Roller & Ice               |
| 1                          |  | 2                                          | Riding Academies                  |
| 8,409                      |  | 627                                        | Restaurants                       |
| 14                         |  | 2                                          | Rendering Plants                  |
| 7                          |  |                                            | Poultry Complaints                |
| 24                         |  | 28                                         | Pigeon Lofts                      |
| 29                         |  |                                            | Pigeon Complaints                 |
| 164                        |  | 27                                         | Pet Shops                         |
| 1                          |  |                                            | O.P.C. - Turbide Water            |
| 71                         |  |                                            | O.P.C. - Swimming Pools           |
| 3,630                      |  |                                            | O.P.C. - Restaurants              |
| 12                         |  |                                            | O.P.C. - Drinking Fontaine        |
| 46                         |  |                                            | O.P.C. - Dairy                    |
| 398                        |  |                                            | O.P.C. - Cocktail Lounges         |
| 202                        |  |                                            | O.P.C. - Beverage Rooms           |
| 108                        |  |                                            | O.P.C. - Beer & Wine              |
| 242                        |  | 272                                        | Office Buildings                  |
| 120                        |  |                                            | Occupational Health - Complaints  |
| 147                        |  |                                            | Noxious Gases                     |
| 6                          |  |                                            | Noises - Surveys - Complaints     |
| 72                         |  | 3                                          | Mobile Canteens                   |
| 2,682                      |  |                                            | Miscellaneous                     |
| 422                        |  |                                            | Meetings                          |
| 38                         |  | 12                                         | Meat Processing                   |
| 271                        |  | 83                                         | Laundries                         |
| 264                        |  |                                            | Lanes - Complaints                |
| 821                        |  |                                            | Laboratory - Tiles to             |
| 49                         |  | 6                                          | Kennels                           |
| 688                        |  | 214                                        | Insulations                       |
| 199                        |  |                                            | Insulations - Complaints          |
| 19                         |  | 7                                          | Incinerators - Approved           |

Number Established  
as of December 31, 1974

Number of Inspections  
Made

|                                            | Jan | Feb | Mar | Apr | May | June | July      | Aug | Sept | Oct | Nov | Dec                | TOTALS |
|--------------------------------------------|-----|-----|-----|-----|-----|------|-----------|-----|------|-----|-----|--------------------|--------|
| Tanneries                                  |     |     |     |     |     | 2    |           |     |      |     |     | 2                  |        |
| Theatres                                   |     |     |     |     |     | 20   |           |     |      |     |     | 39                 |        |
| Toilet Accommodations -Public & Industrial |     |     |     |     | 2   |      | 3         |     | 6    | 5   | 14  | 502                | 53     |
| Trailers - Complaints                      |     |     |     |     |     |      |           |     |      |     |     | 28                 |        |
| Trailer Courts                             |     |     |     |     |     | 16   |           |     |      |     |     | 70                 | 3      |
| Unsightly Premises - Complaints            |     |     |     |     |     |      |           |     |      |     |     | 352                | 632    |
| Upholsterers                               |     |     |     |     |     | 46   |           |     |      |     |     | 114                |        |
| Used Car Lots - Complaints                 |     |     |     |     |     |      |           |     |      |     |     | 13                 | 46     |
| Warehouses                                 |     |     |     |     |     | 153  |           |     |      |     |     | 344                | 36     |
| Waste Disposal - Complaints                |     |     |     |     |     |      |           |     |      |     |     | 242                |        |
| Waste Disposal Grounds                     |     |     |     |     |     | 3    |           |     |      |     |     | 29                 | 275    |
| Water Distribution Systems - Complaints    |     |     |     |     |     |      |           |     |      |     |     | 28                 |        |
| Water Pollution - Complaints               |     |     |     |     |     |      |           |     |      |     |     | 21                 | 120    |
| Wells                                      |     |     |     |     |     | 547  |           |     |      |     |     | 373                |        |
| Wells - O.P.C.                             |     |     |     |     |     |      |           |     |      |     |     | 293                | 43     |
| Wells - Chemical                           |     |     |     |     |     |      |           |     |      |     |     | 271                |        |
| Division 33 (Repeat) Samples               |     |     |     |     |     |      |           |     |      |     |     | 45                 | 504    |
| <u>FOOD STUFFS CONDEMNED</u>               |     |     |     |     |     |      |           |     |      |     |     |                    |        |
| January -                                  |     |     |     |     |     |      | May       |     |      |     |     | 3 lbs. turkey meat |        |
|                                            |     |     |     |     |     |      |           |     |      |     |     |                    |        |
| February -                                 |     |     |     |     |     |      | June      |     |      |     |     | 10 lbs. ketchup    |        |
|                                            |     |     |     |     |     |      |           |     |      |     |     |                    |        |
| March -                                    |     |     |     |     |     |      | July      |     |      |     |     | 30 lbs. peaches    |        |
|                                            |     |     |     |     |     |      |           |     |      |     |     | 6000 cobs of corn  |        |
| April -                                    |     |     |     |     |     |      | August    |     |      |     |     | 1 lb. bologna      |        |
|                                            |     |     |     |     |     |      |           |     |      |     |     | 1 lb. salami       |        |
| May -                                      |     |     |     |     |     |      | September |     |      |     |     | 5 pts. beer        |        |
|                                            |     |     |     |     |     |      |           |     |      |     |     |                    |        |
| June -                                     |     |     |     |     |     |      | October   |     |      |     |     | 1 lb. beef roast   |        |
|                                            |     |     |     |     |     |      |           |     |      |     |     |                    |        |

MISCELLANEOUS PROCEDURES

|                          |       |                   |        |
|--------------------------|-------|-------------------|--------|
| License Transfers        | 235   | Notices - Verbal  | 10,399 |
| Complaints               | 2,840 | Notices - Written | 486    |
| Complaints Call Back     | 1,949 | Written Reports   | 2,782  |
| Requests for Inspections | 1,199 | Letters           | 510    |

AVERAGE BUTTER FAT CONTENT - 1974

|                   |       |                |       |                  |      |
|-------------------|-------|----------------|-------|------------------|------|
| Homogenized Milk  | 3.34  | Skin Milk      | 0.03  | Partly Skin Milk | 2.19 |
| Substandard Cream | 10.43 | Whipping Cream | 34.92 |                  |      |

Number of Inspections  
Made

Number Established  
as of December 31, 1974

|     |     |                                             |
|-----|-----|---------------------------------------------|
| 2   | 2   | Tenants                                     |
| 38  | 20  | Tenants                                     |
| 502 |     | Public Accommodations - Public & Industrial |
| 28  |     | Travellers - Complaints                     |
| 70  | 16  | Traveller Courts                            |
| 352 |     | Unsanitary Premises - Complaints            |
| 114 | 46  | Unsanitary                                  |
| 13  |     | Used Car Lots - Complaints                  |
| 244 | 122 | Warehouses                                  |
| 242 |     | Waste Disposal - Complaints                 |
| 28  | 3   | Waste Disposal Systems                      |
| 28  |     | Water Distribution Systems - Complaints     |
| 21  |     | Water Pollution - Complaints                |
| 373 | 247 | Wells                                       |
| 293 |     | Wells - O.P.C.                              |
| 271 |     | Wells - Chemical                            |

#### FOOD STUFFS CONSUMED

|                    |   |           |                      |   |          |
|--------------------|---|-----------|----------------------|---|----------|
| 3 lbs. turkey meat | - | May       | 8 lbs. sliced meat   | - | January  |
| 10 lbs. ketchup    | - | June      | 2 lbs. butter        |   |          |
| 30 lbs. peaches    | - | July      | 1 bottle cola type   |   |          |
| 6000 cobs of corn  | - |           | soft drink           |   |          |
| 1 lb. bologna      | - | August    | 10 lbs. wieners      | - | February |
| 1 lb. salami       | - |           | 1 - 16 oz. bottle    |   |          |
| 5 lbs. beef        | - | September | Coca Cola            |   |          |
| 1 lb. beef roast   | - | October   | 2 - 16 oz. chocolate |   |          |
|                    |   |           | rabbits              |   |          |
|                    |   |           | 2 lbs. hamburger     | - | April    |
|                    |   |           | 1 lb. stew beef      |   |          |

#### MISCELLANEOUS PROCEDURES

|        |                   |       |                          |
|--------|-------------------|-------|--------------------------|
| 10,399 | Notices - Verbal  | 232   | Licenses Transfers       |
| 486    | Notices - Written | 2,860 | Complaints               |
| 2,782  | Written Reports   | 1,969 | Complaints Call Back     |
| 210    | Letters           | 1,199 | Requests for Inspections |

## DAIRIES AND MILK CONTROL - 1974

|                                                    | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | TOTALS |
|----------------------------------------------------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|--------|
| Milk Plant Inspections                             | 8   | 6   | 2   | 3   | 2   | 4    | 3    |     | 6    | 5   | 14  |     | 53     |
| Permits Issued to Milk Plants                      | 3   |     |     |     |     |      |      |     |      |     |     |     | 3      |
| Retail Store Inspections                           | 60  | 54  | 51  | 41  | 67  | 73   | 33   | 17  | 74   | 69  | 58  | 35  | 632    |
| Complaints - Received                              | 7   | 2   | 4   | 1   | 7   | 5    | 3    | 1   | 7    | 2   | 4   | 3   | 46     |
| Complaints - Justified                             | 5   | 1   | 4   | 1   | 6   | 4    | 3    |     | 6    | 2   | 1   | 3   | 36     |
| Notices Issued - Verbal                            | 8   | 20  | 21  | 8   | 23  | 26   | 98   | 3   | 23   | 18  | 13  | 14  | 275    |
| Notices Issued - Written                           | 7   | 8   | 5   | 10  | 12  | 13   | 14   | 13  | 13   | 7   | 9   | 9   | 120    |
| Special Tests                                      | 5   | 6   | 1   | 1   |     | 5    | 7    | 1   | 3    | 5   | 9   |     | 43     |
| Division 33 (Repeat) Samples                       | 23  | 29  | 16  | 36  | 35  | 35   | 81   | 50  | 55   | 59  | 40  | 45  | 504    |
| Distributors' Samples Collected - TOTAL            | 76  | 89  | 101 | 111 | 88  | 88   | 122  | 103 | 131  | 121 | 125 | 101 | 1,256  |
| Milk Shake and Soft Ice Cream Samples (Dairy Bars) |     | 5   | 13  | 12  | 11  | 12   | 15   | 5   |      |     |     |     | 73     |
| Retail Store Samples                               | 64  | 69  | 63  | 65  | 61  | 58   | 66   |     | 59   | 80  | 69  | 54  | 708    |
| TOTAL Samples Collected                            | 163 | 192 | 193 | 224 | 195 | 193  | 284  | 158 | 245  | 260 | 234 | 200 | 2,541  |

## AVERAGE OFFICIAL PLATE COUNT - 1974

## GLASS BOTTLES

## CARTONS

## PLASTIC

Homogenized < 3000  
 Skim < 3000  
 Partly Skim < 3000  
 Chocolate < 3000

Homogenized < 3000  
 Homogenized ½ gal < 3000  
 Skim < 3000  
 Partly Skim < 3000  
 Partly Skim ½ gal < 3000  
 Partly Skim ¾ gal < 3000  
 Substandard Cream < 3000  
 Whipping Cream < 3000  
 Chocolate < 3000

Homogenized ½ gal. < 3000  
 Partly Skim ½ gal. < 3000

## AVERAGE BUTTER FAT CONTENT - 1974

Homogenized Milk 3.34

Skim Milk 0.05

Partly Skim Milk 2.19

Substandard Cream 10.43

Whipping Cream 34.92

## DAIRIES AND MILK CONTROL - 1974

|                                                    | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | TOTAL |
|----------------------------------------------------|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|-------|
| Milk Plant Inspections                             | 8   | 6   | 2   | 3   | 2   | 4    | 3    |     | 6    | 2   | 14  |     | 53    |
| Permits Issued to Milk Plants                      | 3   |     |     |     |     |      |      |     |      |     |     |     | 3     |
| Retail Store Inspections                           | 60  | 54  | 51  | 41  | 67  | 73   | 33   | 17  | 74   | 69  | 58  | 32  | 632   |
| Complaints - Received                              | 7   | 2   | 4   | 1   | 7   | 2    | 3    | 1   | 7    | 2   | 4   | 3   | 46    |
| Complaints - Unsettled                             | 2   | 1   | 4   | 1   | 6   | 4    | 3    |     | 6    | 2   | 1   | 3   | 36    |
| Notices Issued - Verbal                            | 8   | 20  | 21  | 8   | 23  | 24   | 98   | 3   | 23   | 18  | 13  | 14  | 272   |
| Notices Issued - Written                           | 7   | 8   | 2   | 10  | 12  | 13   | 14   | 13  | 13   | 7   | 9   | 9   | 120   |
| Special Tests                                      | 2   | 6   | 1   | 1   |     | 2    | 7    | 1   | 3    | 2   | 9   |     | 43    |
| Division 33 (Repeat) Samples                       | 23  | 29  | 16  | 36  | 32  | 32   | 81   | 50  | 52   | 59  | 40  | 42  | 504   |
| Distributors' Samples Collected - TOTAL            | 76  | 89  | 101 | 111 | 88  | 88   | 122  | 103 | 131  | 121 | 122 | 101 | 1,256 |
| Milk Shake and Soft Ice Cream Samples (Daily Bars) |     | 2   | 13  | 12  | 11  | 12   | 12   | 2   |      |     |     |     | 73    |
| Retail Store Samples                               | 64  | 69  | 63  | 62  | 61  | 58   | 66   |     | 59   | 80  | 69  | 54  | 708   |
| TOTAL Samples Collected                            | 163 | 192 | 197 | 224 | 192 | 193  | 284  | 128 | 242  | 260 | 234 | 200 | 2,241 |

## AVERAGE OFFICIAL PLATE COUNT - 1974

| GLASS BOTTLES | CARTONS              | PLASTIC              |
|---------------|----------------------|----------------------|
| Homogenized   | Homogenized          | Homogenized 1/2 gal. |
| < 3000        | < 3000               | < 3000               |
| Skim          | Homogenized 1/2 gal. | Partly Skim 1/2 gal. |
| < 3000        | < 3000               | < 3000               |
| Partly Skim   | Skim                 |                      |
| < 3000        | < 3000               |                      |
| Chocolate     | Partly Skim          |                      |
| < 3000        | < 3000               |                      |
|               | Partly Skim 1/2 gal. |                      |
|               | < 3000               |                      |
|               | Partly Skim 3/4 gal. |                      |
|               | < 3000               |                      |
|               | Substandard Cream    |                      |
|               | < 3000               |                      |
|               | Whipping Cream       |                      |
|               | < 3000               |                      |
|               | Chocolate            |                      |
|               | < 3000               |                      |

## AVERAGE BUTTER FAT CONTENT - 1974

|                   |       |                |       |                  |      |
|-------------------|-------|----------------|-------|------------------|------|
| Homogenized Milk  | 3.34  | Skim Milk      | 0.02  | Partly Skim Milk | 2.19 |
| Substandard Cream | 10.43 | Whipping Cream | 34.92 |                  |      |

# ANNUAL LABORATORY REPORT FOR 1974

## PERCENTAGE BREAKDOWN

This laboratory is engaged in all analytical determinations and in matters related to bacteriological and chemical quality of water, milk supplies, sanitary evaluation of eating and beverage establishments of the City of Calgary.

The detailed functions are as follows:

### WATER

- a. Analytical determinations of all drinking water supplied by the City of Calgary through its two filtering and treatment plants (Glenmore and Bearspaw), including East Calgary Industrial Sector supplied by the City's wells.
- b. Analyzing and monitoring the qualitative uniformity of drinking water in the City's Distribution System in accordance with the "Canadian Drinking Water Standards and Objectives."
- c. Determining the Safety levels for human consumption of flushed, superchlorinated and reflushed Water Mains, before being integrated into the overall City's Distribution System.
- d. Conducting bacteriological and chemical analyses, plotting and maintaining records of several hundred private wells within City's perimeter.
- e. Handling all complaints and inquiries of a technical nature from individual water users and from the industrial sector, including liaison and consultation for the Public at large.
- f. Determining the origin of water sepages, when other detecting methods have failed.

### MILK, MILK PRODUCTS

Qualitative evaluation of all processed milk and milk products in the City of Calgary in accordance with the Provincial (Regulations) Standards, collected by the Dairy Inspector at the plant and retail levels.

### FOREIGN MATTER

Conducting chemical and microscopic examinations of foreign matter found in milk, milk products, beverages, cereals, solid foods, etc.

### SWAB TESTS

Bacteriological (Total Plate Count including mold count) of all eating and beverage establishments within City's boundaries, collected by the Health Inspectors.

Other duties as required.

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- e. Handling all complaints and inquiries of a technical nature from individual water users and from the industrial sector, including liaison and consultation for the public at large.
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## LABORATORY REPORT FOR 1974

## PERCENTAGE BREAKDOWN

|                        |                                                                                                                                                                  | Total<br>Number of<br>Tests | Percentage of<br>Total Number<br>of Tests |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------|
| WATER                  | City Water,<br>Water Treatment Plants<br>(Glenmore, Bearspaw)<br>Waterworks                                                                                      | 2 8 2 0 2                   | 47.98 %                                   |
|                        | Wells                                                                                                                                                            | 7 7 2 1                     | 12.11 %                                   |
| DAIRY<br>PRODUCTS      | Pasteurized Milk, Homo,<br>Partly Skimmed, Skimmed,<br>Cream, Whipping Cream,<br>Cottage Cheese, Fat, anal<br>Phosphatase, Tests, Soft<br>Ice Cream, Butter Milk | 1 4 5 7 9                   | 24.80 %                                   |
| MISCELLANEOUS<br>TESTS | Chemical Analyses, Swab<br>Tests, Bacteriology,<br>Microscopy, Soft Drinks<br>Cereals, Foreign Matter                                                            | 8 8 7 0                     | 15.11 %                                   |
|                        | GRAND TOTAL                                                                                                                                                      | 5 8 7 7 2                   | 100.00 %                                  |

SUMMARY: Total Number of Samples Received from all sources.....1 1 6 3 4

Total Number of Tests (Analyses) completed on these samples:

Water Supplies.....35323

Dairy Plants..... 8621

Store Milks, Milk Products..... 5958

Miscellaneous..... 8870

Grand Total of Tests

5 8 7 7 2

## LABORATORY REPORT FOR 1974

## PERCENTAGE BREAKDOWN

|                        |                                                                                                                                                                       | Total<br>Number of<br>Tests | Percentage of<br>Total Number<br>of Tests |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------|
| WATER                  | City Water,<br>Water Treatment Plants<br>(Chlorine, Bacteriology)<br>Waterworks                                                                                       | 2 8 2 0 2                   | 47.98                                     |
|                        | Wells                                                                                                                                                                 | 7 7 2 1                     | 12.11                                     |
| DAIRY<br>PRODUCTS      | Pasteurized Milk, Homogenized,<br>Partly Skimmed, Skimmed,<br>Cream, Whipping Cream,<br>Cottage Cheese, Fat, and<br>Phosphorus, Tests, Soft<br>Ice Cream, Butter Milk | 1 4 5 7 9                   | 24.80                                     |
| MISCELLANEOUS<br>TESTS | Chemical Analysis, Soap<br>Tests, Bacteriology,<br>Microscopy, Soft Drinks<br>Cereals, Foreign Matter                                                                 | 8 8 7 0                     | 15.11                                     |
|                        | GRAND TOTAL                                                                                                                                                           | 5 8 7 7 2                   | 100.00                                    |

SUMMARY: Total Number of Samples Received from all sources.....1 1 6 3 4

Total Number of Tests (Analyses) completed on these samples:

Water Supplies.....32323  
 Dairy Plants.....8621  
 State Milk, Milk Products.....3958  
 Miscellaneous.....8870

5 8 7 7 2

Grand Total of Tests

## Detailed Report

| Source of Sample                                    | Number of Samples Received | Fermentation Tests | Agar Plate Count | Results Positive Presumptive Test | Additional Treatment, Confirmation Tests | NOT meeting Canadian Standard | Total Number of Tests |
|-----------------------------------------------------|----------------------------|--------------------|------------------|-----------------------------------|------------------------------------------|-------------------------------|-----------------------|
| City Water                                          | 1865                       | 7393               | 3732             | 129                               | 76                                       | 0                             | 11254                 |
| Bearspaw Plant<br>Glenmore Plant<br>Treatment Stage | 1067                       | 9531               | 2118             | 355                               | 334                                      | 0                             | 11983                 |
| Waterworks                                          | 406                        | 3981               | 852              | 160                               | 132                                      | 0                             | 4965                  |
| Well Water                                          | 801                        | 5319               | 1600             | 202                               | 197                                      | 0                             | 7121                  |
| TOTALS                                              | 4139                       | 26224              | 8302             | 846                               | 739                                      | 0                             | 35323                 |

## EXAMINATION OF MILK SUPPLIES - PLANTS

| Number of Samples | Phosphatase, Fat, Specific gravity, Total solids, non-fat Tests | Coliforms VRA Agar | Plate Count TGME Media | Initially NOT meeting Prov. Stand. | Totals Number of Tests |
|-------------------|-----------------------------------------------------------------|--------------------|------------------------|------------------------------------|------------------------|
| 1139              | 3344                                                            | 2547               | 2730                   | 237                                | 8621                   |

## STORE MILKS AND MILK PRODUCTS

| Number of Samples Received | Coliforms VRA Agar | Plate Count | Initially NOT Meeting Prov. Standards | Total Number of Tests |
|----------------------------|--------------------|-------------|---------------------------------------|-----------------------|
| 1469                       | 2938               | 3020        | 266                                   | 5958                  |

## MISCELLANEOUS TESTS

|                                                                                                             | Number of Tests | NOT meeting Canadian Standards |
|-------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------|
| Chemical Analyses of 503 Water samples.....                                                                 | 4434            | 205                            |
| Plate Counts on Samples from Restaurants & Beverage Rooms, Utensils.....                                    | 4345            |                                |
| Chemical, Bacteriological & Microscopic Tests on 39 Samples, ie. Water, Milk, Foodstuffs and Foreign Matter | 91              |                                |
| TOTAL                                                                                                       | 8870            |                                |

Detailed Report

| Source of Sample | Number of Samples Received | Fermentation Tests | Agar Plate Count | Residue Positive | Additional Treatment | NOT meeting Canadian Standard | Total Number of Tests |
|------------------|----------------------------|--------------------|------------------|------------------|----------------------|-------------------------------|-----------------------|
| City Water       | 1885                       | 7393               | 2732             | 123              | 78                   | 0                             | 11354                 |
| Geopon Plant     | 1067                       | 9231               | 2418             | 222              | 334                  | 0                             | 11983                 |
| Waterworks       | 408                        | 3981               | 822              | 160              | 132                  | 0                             | 4983                  |
| Well Water       | 801                        | 2319               | 1800             | 202              | 197                  | 0                             | 7121                  |
| TOTALS           | 4139                       | 28224              | 8302             | 846              | 739                  | 0                             | 32323                 |

EXAMINATION OF MILK SUPPLIES - PLANTS

| Number of Samples | Phosphates, Fat, Specific Gravity, Total Solids, non-fat Tests | Coliforms, VRA Agar | Plate Count | INITIALLY NOT meeting Prov. Standard | TOTALS |
|-------------------|----------------------------------------------------------------|---------------------|-------------|--------------------------------------|--------|
| 1139              | 3344                                                           | 2247                | 2730        | 237                                  | 8821   |

STONE MILK AND MILK PRODUCTS

| Number of Samples Received | Coliforms VRA Agar | Plate Count | INITIALLY NOT Meeting Prov. Standards | Total Number of Tests |
|----------------------------|--------------------|-------------|---------------------------------------|-----------------------|
| 1469                       | 2938               | 3020        | 266                                   | 2928                  |

MISCELLANEOUS TESTS

| Number of Tests                                                                                              | NOT meeting Canadian Standards |
|--------------------------------------------------------------------------------------------------------------|--------------------------------|
| Chemical Analysis of 503 Water samples.....                                                                  | 4434                           |
| Plate Counts on Samples from Restaurants & Beverages                                                         | 4342                           |
| Chemical, Bacteriological & Microscopic Tests on 39 Samples, i.e. Water, Milk, Foodstuffs and Foreign Matter | 91                             |
| <b>TOTAL</b>                                                                                                 | <b>8870</b>                    |

## NUTRITIONIST'S ANNUAL REPORT 1974

This year a change in staff occurred. Mrs. Ellis resigned in March and Mrs. Maloff assumed duties in April.

Since the role of the Nutritionist is that of a consultant, the focus must be on education and liaison with professionals involved in counselling individuals or families with respect to nutrition. This is the most effective way to influence a large number of people. Direct service to the public was provided by telephone calls, lectures and media presentations. By nature of the position, the nutritionist's time must be flexible to accommodate projects.

Outlined below are highlights of the activities carried out during the past year by the nutritionist.

### IN-SERVICE EDUCATION

The scheduled in-service lectures for the nursing staff in the clinics continue to be the most suitable vehicle for input into the nursing program. The content of the lectures is determined partly by the nutritionist's concerns and partly by the nurses requests. Some of the topics covered were:--ideas for teaching nutrition, introduction of the four food group guide, food customs of ethnic groups and so on. One topic of particular interest is Infant Feeding Advice. Since considerable controversy exists, a review of the current literature was undertaken. As a result, a rationale regarding type of formula, stage of introduction, iron sources and introduction of solids was developed for inclusion in the nursing manual. The Nutritionist and the Assistant Medical Officer of Health discussed the material with all nursing staff. Reference texts on infant feeding were purchased for each clinic.

Other time devoted to the nursing staff included assistance with individual requests, acquisition of nutrition reference materials, orientation of new staff and the development of a filing system for each clinic's nutrition references.

Two presentations were given to the Dental Hygienist. It is hoped that this can be expanded to a regular in-service for the Dental Division next year.

### LECTURES

Considerable time was spent preparing and giving lectures to a wide variety of groups.

Lectures were given to University students enrolled in medical, social work and early childhood services courses. Presentations were also given to students at SAIT and Mount Royal College. The nutritionist participated in a panel for the Alberta Public Health Association Workshop and the Kindergarten Teacher's Convention. Talks were provided to other professional groups such as home economics teachers. Numerous lectures were given to community groups including mental health patients, kindergarten parents group, church groups and students attending the Adult Day Care.

One project of particular interest was the Fit Nut Seminar for which the Nutritionist acted as Chairman. Approximately 300 individuals attended the half day seminar on fitness and nutrition. The program included lectures, group discussions, films and displays.

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One project of particular interest was the Fit Not Skinny for which the Nutritionist acted as Chairman. Approximately 300 individuals attended the half day seminar on fitness and nutrition. The program included lectures, group discussions, films and displays.

In addition, the nutritionist participated in several radio and television programs and press interviews.

#### PLANNING MEETINGS

The nutritionist was involved with a number of organizations to plan or participate in projects. The Heartline program continues to be popular and time was spent planning, writing and recording scripts. The nutritionist acted on a committee which surveyed school vending machines and the results with recommendations were presented to the Board of Education. The Camp Slim Teen Committee involved organizing a weight reduction camp for teenagers.

The nutritionist worked closely with Alberta Agriculture Home Economists to produce a nutrition and food budgeting slide series for use with community groups.

Other meetings involved Continuing Education Programs, Day Care, Fit Nut, Provincial Nutritionists to mention a few.

#### TELEPHONE REQUESTS, INTERVIEWS, VISITS

As in previous reports a large number of telephone requests were received. The majority of these calls came from the Public requesting information on therapeutic diets, nutritive value of foods and child feeding advice. Individual assistance was given to professionals or staff members by way of interviews.

#### MISCELLANEOUS

Prices were collected four times during the year to update the food costs for the booklet Guide to Better Food Budgeting. This continues to be a useful reference for community agencies involved in food budgeting counselling. Approximately 1200 copies were distributed during 1974.

One leaflet In Place of Meat was developed for distribution to public groups. The Effects of Food Processing on the Nutritive Value of Foods was written for publication in Nutritionally Speaking, a newsletter distributed by the Provincial Nutritionist. In addition an article on complementary proteins was written for The Alberta Consumers Association Newsletter.

Affiliation in public health for dietetic interns from the Calgary General Hospital was offered again. Four dietetic interns each spent four days with the Nutritionist.

Camp and day care menus were provided for several organizations. A number of therapeutic diets were costed for social assistance.

Information on products for allergy diets was collected twice during the year. Also, data on ethnic foods available in stores and restaurants was tabulated for the Provincial Nutritionist to submit for the revision of the booklet, "Food Customs of New Canadians".

Numerous letters and publications were sent out as requested.

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## FAMILY PLANNING CLINIC - 1974

STATISTICAL SUMMARY

|                                    |      |
|------------------------------------|------|
| Telephone calls                    | 1293 |
| Interviews                         | 71   |
| Institutional & Home Visits        | 5    |
| Planning Meetings Attended         | 61   |
| Conferences Attended               | 3    |
| Students Provided with Affiliation | 4    |

PATIENTS VISITS 1973 - 3130 57% increase  
1974 - 5555

LECTURES

|                      |    |
|----------------------|----|
| a) In-Service Nurses | 54 |
| Dental Hygienists    | 2  |

NEW PATIENTS 1973 - 1010 15% increase  
1974 - 1169

|                 |    |
|-----------------|----|
| b) Other Groups | 35 |
|-----------------|----|

TOTAL 91

SESSIONS 1973 - 129 38 more sessions  
1974 - 187

MEDIA PRESENTATIONS

|            |   |
|------------|---|
| Radio      | 2 |
| Television | 8 |
| Press      | 2 |

PREGNANCY TESTS 1973 - 128 44% increase  
1974 - 249

TOTAL 12

POSITIVE TESTS 1973 - 53 32% increase  
1974 - 70

I.U.D. INSERTED 1973 - 176 2% increase  
1974 - 180

ORAL'S GIVEN OUT 1973 - 1816 176% increase  
1974 - 3017

This service, began in 1969, continues to serve an increasing number of persons each year. The number of sessions per week has not been increased this year because the increase in attendance has been in waves with facilities overtaxed for only brief periods of time. The sessions are held Mondays and Thursdays in two parts, in the afternoon following closing of the baby clinic at 4:00 p.m. and evening from 6:45 to approximately 9:00 p.m. Each part is counted as one session so that comparison in the statistics may be maintained with the earlier years when only the evening hours were held.

STATISTICAL SUMMARY

|      |                                    |
|------|------------------------------------|
| 1293 | Telephone calls                    |
| 71   | Interviews                         |
| 2    | Institutional & Home Visits        |
| 61   | Planning Meetings Attended         |
| 3    | Conferences Attended               |
| 4    | Students Provided with Affiliation |

.....

LECTURES

|           |                      |
|-----------|----------------------|
| 24        | a) In-Service Nurses |
| 2         | Dental Hygienists    |
| 32        | b) Other Groups      |
| <u>91</u> | TOTAL                |

MEDIA PRESENTATIONS

|           |            |
|-----------|------------|
| 2         | Radio      |
| 8         | Television |
| 2         | Press      |
| <u>12</u> | TOTAL      |

## FAMILY PLANNING CLINIC - 1974

## RATES OF INCREASE OR DECREASE

|                  |                            |                  |
|------------------|----------------------------|------------------|
| PATIENTS VISITS  | 1973 - 2120<br>1974 - 3333 | 57% increase     |
| NEW PATIENTS     | 1973 - 1010<br>1974 - 1169 | 15% increase     |
| SESSIONS         | 1973 - 129<br>1974 - 187   | 58 more sessions |
| PREGNANCY TESTS  | 1973 - 128<br>1974 - 249   | 94% increase     |
| POSITIVE TESTS   | 1973 - 53<br>1974 - 70     | 32% increase     |
| I.U.D. INSERTED  | 1973 - 176<br>1974 - 180   | 2% increase      |
| ORAL'S GIVEN OUT | 1973 - 1816<br>1974 - 5017 | 176% increase    |

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## FAMILY PLANNING CLINIC - 1974

## RATES OF INCREASE OR DECREASE

|                  |             |             |                  |
|------------------|-------------|-------------|------------------|
| PATIENTS VISITS  | 1973 - 2150 | 1974 - 3333 | 57% increase     |
| NEW PATIENTS     | 1973 - 1010 | 1974 - 1169 | 15% increase     |
| SESSIONS         | 1973 - 139  | 1974 - 187  | 38 more sessions |
| PREGNANCY TESTS  | 1973 - 128  | 1974 - 243  | 94% increase     |
| POSITIVE TESTS   | 1973 - 53   | 1974 - 70   | 32% increase     |
| I.U.D. INSERTED  | 1973 - 176  | 1974 - 180  | 2% increase      |
| GRAB'S GIVEN OUT | 1973 - 1816 | 1974 - 3017 | 170% increase    |

This service, began in 1969, continues to serve an increasing number of persons each year. The number of sessions per week has not been increased this year because the increase in attendance has been in waves with facilities overbooked for only brief periods of time. The sessions are held Mondays and Thursdays in two parts, in the afternoon following closing of the baby clinic at 4:00 p.m., and evening from 6:45 to approximately 9:00 p.m. Each part is counted as one session so that comparison in the statistics may be maintained with the earlier years when only the evening hours were held.

PATIENTS ATTENDING FAMILY PLANNING CLINIC - CALGARY LOCAL BOARD OF HEALTH

1974

| PATIENTS ATTENDING CLINIC | TOTAL<br>PATIENT VISITS                                | NEW<br>PATIENTS                                      | SESSIONS | I.U.D.<br>INSERTED | ORAL  | PREGNANCY TESTS                      |
|---------------------------|--------------------------------------------------------|------------------------------------------------------|----------|--------------------|-------|--------------------------------------|
| JANUARY-<br>MARCH -       | 772<br>JANUARY - 261<br>FEBRUARY - 250<br>MARCH - 261  | 292<br>JANUARY - 86<br>FEBRUARY - 112<br>MARCH - 94  | 44       | 53                 | 1,097 | 61<br>POSITIVE - 23<br>NEGATIVE - 38 |
| APRIL-<br>JUNE -          | 845<br>APRIL - 274<br>MAY - 311<br>JUNE - 260          | 297<br>APRIL - 100<br>MAY - 100<br>JUNE - 99         | 49       | 50                 | 1,384 | 77<br>POSITIVE - 14<br>NEGATIVE - 63 |
| JULY-<br>SEPTEMBER-       | 851<br>JULY - 263<br>AUGUST - 305<br>SEPTEMBER- 283    | 219<br>JULY - 97<br>AUGUST - 90<br>SEPTEMBER- 92     | 48       | 42                 | 1,423 | 51<br>POSITIVE - 15<br>NEGATIVE - 36 |
| OCTOBER-<br>DECEMBER-     | 865<br>OCTOBER - 302<br>NOVEMBER- 291<br>DECEMBER- 272 | 301<br>OCTOBER - 106<br>NOVEMBER- 97<br>DECEMBER- 98 | 46       | 47                 | 1,113 | 60<br>POSITIVE - 18<br>NEGATIVE - 42 |
| YEARS COUNT               |                                                        |                                                      |          |                    |       |                                      |
| 1,727                     | 3,333                                                  | 1,169                                                | 187      | 192                | 5,017 | 249                                  |



STATEMENT OF EXPENDITURES

INSPECTION & ANALYSIS April 1, 1974 - March 31, 1975

ADMINISTRATION

|                                                |               |         |
|------------------------------------------------|---------------|---------|
| Salaries & Allowances                          | 249,588       |         |
| Central Administration Charges & Space Rentals | 192,790       |         |
| General Supplies                               | 7,237         |         |
| Furniture & Equipment                          | <u>20,174</u> | 469,789 |

DENTAL SERVICESCHILD HEALTHSCHOOL MEDICAL SERVICES

|                       |            |  |
|-----------------------|------------|--|
| Salaries & Allowances | 399,754    |  |
| General Supplies      | 5,562      |  |
| Medical Supplies      | 10,368     |  |
| Furniture & Equipment | <u>985</u> |  |
|                       | 416,669    |  |

INFANT & PRE-SCHOOL CLINICS

|                       |              |         |
|-----------------------|--------------|---------|
| Salaries & Allowances | 445,109      |         |
| General Supplies      | 5,019        |         |
| Medical Supplies      | 526          |         |
| Furniture & Equipment | 3,736        |         |
| Maintenance & Laundry | <u>3,247</u> | 874,306 |

GENERAL HEALTH SERVICES

Communicable Disease Control  
 Health Information & Education  
 Mental Health & Community Service  
Family Planning Clinic

|                                   |                 |         |
|-----------------------------------|-----------------|---------|
| Salaries & Allowances             | 513,565         |         |
| General Supplies                  | 3,277           |         |
| Medical Supplies                  | 10,158          |         |
| Educational Materials & Equipment | 1,027           |         |
| Furniture & Equipment             | <u>289</u>      |         |
| RECOVERY                          | <u>3,677</u> CR | 524,639 |

## STATEMENT OF EXPENDITURES

April 1, 1974 - March 31, 1975

## ADMINISTRATION

|                                                |               |
|------------------------------------------------|---------------|
| Salaries & Allowances                          | 249,588       |
| General Administration Charges & Space Rentals | 192,790       |
| General Supplies                               | 7,237         |
| Furniture & Equipment                          | <u>20,174</u> |
|                                                | 469,789       |

## CHILD HEALTH

## SCHOOL MEDICAL SERVICES

|                       |            |
|-----------------------|------------|
| Salaries & Allowances | 399,754    |
| General Supplies      | 2,582      |
| Medical Supplies      | 10,368     |
| Furniture & Equipment | <u>982</u> |
|                       | 413,686    |

## INFANT &amp; PRE-SCHOOL CLINICS

|                       |              |
|-----------------------|--------------|
| Salaries & Allowances | 445,109      |
| General Supplies      | 2,019        |
| Medical Supplies      | 226          |
| Furniture & Equipment | 3,736        |
| Maintenance & Laundry | <u>3,247</u> |
|                       | 874,337      |

## GENERAL HEALTH SERVICES

Communicable Disease Control  
Health Information & Education  
Mental Health & Community Service  
Family Planning Clinic

|                                   |            |
|-----------------------------------|------------|
| Salaries & Allowances             | 213,262    |
| General Supplies                  | 3,277      |
| Medical Supplies                  | 10,128     |
| Educational Materials & Equipment | 1,027      |
| Furniture & Equipment             | <u>289</u> |
|                                   | 228,983    |

INSPECTION & ANALYTICAL SERVICES

|                                   |              |         |
|-----------------------------------|--------------|---------|
| Salaries & Allowances             | 361,053      |         |
| General Supplies                  | 2,033        |         |
| Laboratory Supplies               | 4,030        |         |
| Educational Materials & Equipment | 316          |         |
| Furniture & Equipment             | <u>3,170</u> | 370,602 |

DENTAL SERVICESPREVENTIVE PROGRAM - EDUCATION

|                                   |            |
|-----------------------------------|------------|
| Salaries & Allowances             | 93,382     |
| General Supplies                  | 4,886      |
| Dental Supplies                   | 6,333      |
| Educational Materials & Equipment | 3,153      |
| Furniture & Equipment             | 4,264      |
| Maintenance of Equipment          | <u>320</u> |
|                                   | 112,338    |

DENTAL TREATMENT

|                                    |               |                |
|------------------------------------|---------------|----------------|
| Salaries & Allowances              | 178,629       |                |
| General Supplies                   | 1,254         |                |
| Dental Supplies                    | 19,892        |                |
| Educational Materials & Equipment  | 1,750         |                |
| Furniture & Equipment              | 6,339         |                |
| Maintenance of Equipment & Laundry | 7,250         |                |
| RECOVERY                           | <u>13,934</u> | CR             |
|                                    | 201,180       | <u>313,518</u> |

\$2,552,854

|                                                         |           |
|---------------------------------------------------------|-----------|
| Provincial Government - Public Health<br>Service Grants | 2,602,428 |
|---------------------------------------------------------|-----------|

POPULATION - 433, 389

|                                                                        |      |
|------------------------------------------------------------------------|------|
| Per Capita Expenditure for Public Health<br>in Calgary Health District | 5.89 |
|------------------------------------------------------------------------|------|





