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COUNTY COUNCIL OF DUNBARTON.



# ANNUAL REPORTS

BY

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)  
MEDICAL OFFICER OF HEALTH

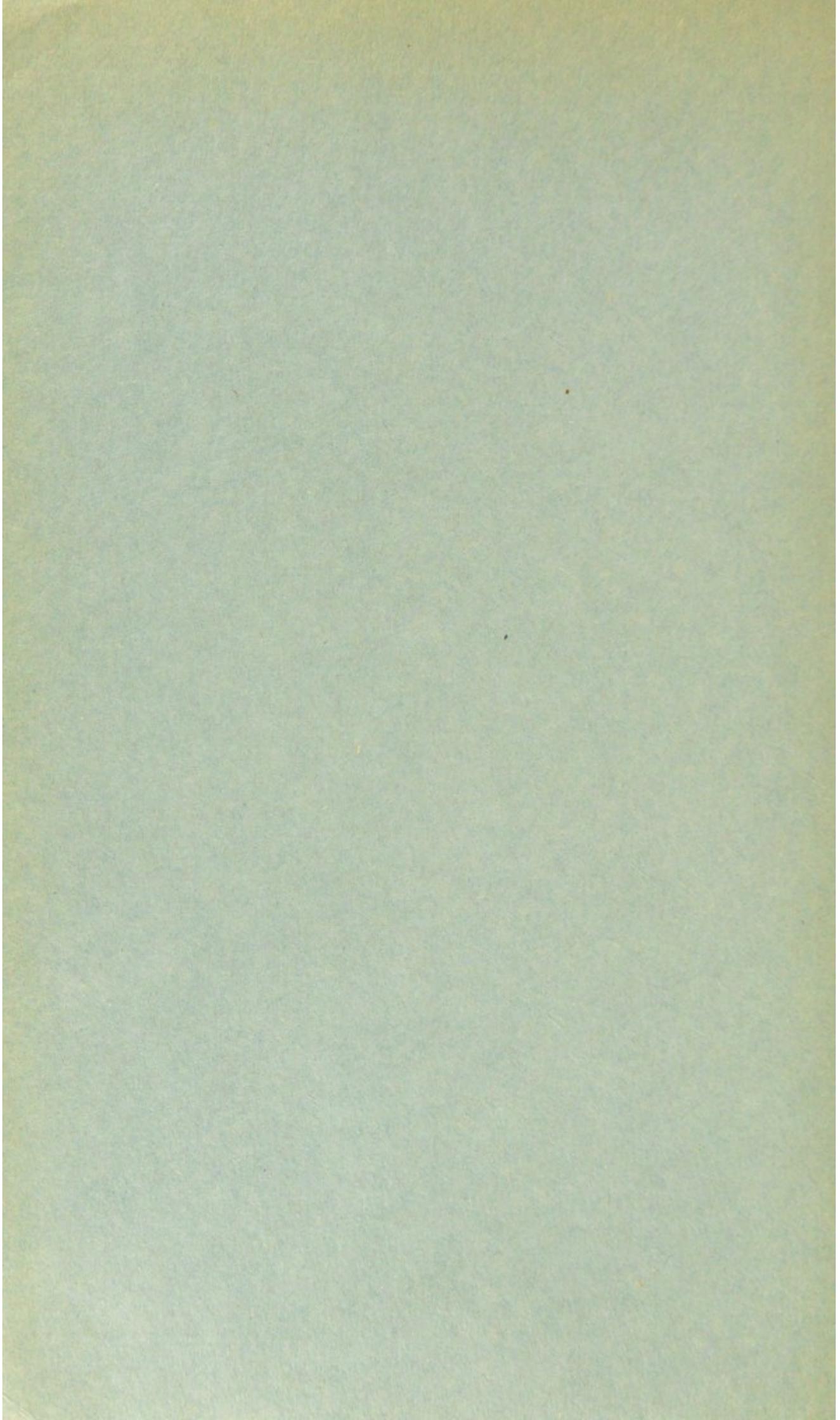
THE COUNTY SANITARY INSPECTORS

AND

THE COUNTY ENGINEER

FOR

THE YEAR 1958



COUNTY COUNCIL OF DUNBARTON.



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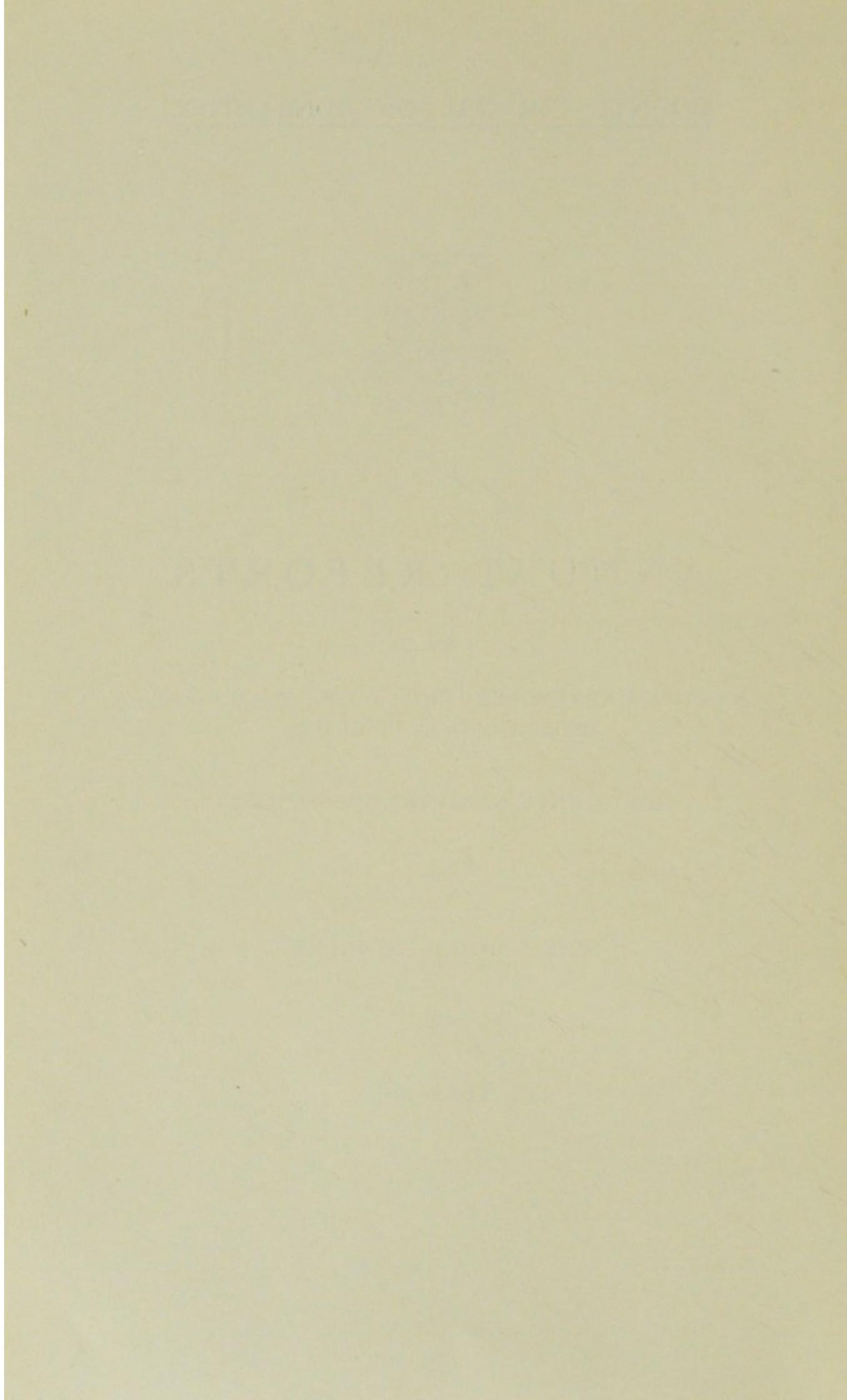
THE COUNTY SANITARY INSPECTORS

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THE COUNTY ENGINEER

FOR

THE YEAR 1958



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*To the Department of Health for Scotland and the County Council of the  
County of Dunbarton.*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Health and Sanitary Con-  
ditions of the County for the year 1958.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,  
*Medical Officer of Health.*

COUNTY HEALTH DEPARTMENT,  
88 COLLEGE STREET,  
DUMBARTON.

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT  
NO. 100

BY  
J. H. GOLDSTEIN  
AND  
R. M. MAYER

DEPARTMENT OF CHEMISTRY  
UNIVERSITY OF CHICAGO  
CHICAGO, ILLINOIS

RECEIVED  
MAY 15, 1954

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DEPARTMENT OF CHEMISTRY  
CHICAGO, ILLINOIS

# County of Dunbarton: Public Health Department

---

List of Staff as at 31st December, 1958

*County Medical Officer of Health*

S. HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.).

*Depute County Medical Officer of Health*

IAIN MACLEOD, M.B., Ch.B., D.P.H.

*Assistant County Medical Officers of Health and School Medical Officers*

AGNES W. O'GORMAN, L.R.C.P. & S., D.P.H.

HARRY C. T. SMITH, M.B., Ch.B., D.P.H.

*Chief Welfare Officer*

GEORGE McCORKINDALE.

*Chief Dental Officer*

FELIX A. CASSIDY, L.D.S., D.D.S.(McGill).

*Dental Surgeons*

ELIZ. McKENDRICK, L.D.S.

MARTYN L. H. DAVIES, L.D.S.

MARY W. DINN, L.D.S.

THOMAS T. MEEK, L.D.S.

JAMES H. FERGUSON, L.D.S.

THEA J. MacGREGOR, M.B., C.H.B., B.D.S.

RICHARD DOCHERTY, L.D.S.

STANLEY W. BUNTING, L.D.S.

ANNE G. JACKMAN, L.D.S.

*Superintendent of Nurses*

CATHERINE T. GAVIN.

*Health Visoters and School Nurses*

CHRISTINA S. L. KING.	MARGT. E. MacINNES.*
KATHERINE S. STEVENSON.	ANNIE M. LEITCH.*
CATHERINE DEMPSEY.	JANE McLAFFERTY.
ALICE GEE.	RUBY L. SHAW.
MARGARET. G. MILLER.	ELIZABETH B. SMITH.
MARY L. CALLAGHAN.	CATHERINE FOWLER.
MARGARET W. CHRISTIE.	ANNE H. OFFICER.
ELSIE M. RANKIN.	ELEANOR I. CHRISTIE.
MARGARET CALLANDER.	ELIZ. T. CRAWFORD.
ELIZ. A. SANDILANDS.	AGNES JOHNSTON.
MARY M. MARTIN.*	JEAN P. McHAFFIE.
FLORA MacNICOL.*	CATHERINE SCOBIE.
BELL JOHNSTONE.*	MARGARET MACDONALD.
JANET S. CLARK.*	WILLIAMINA CAFFEL.

ANNIE MOORE (nee McCann).

\*Home nurses employed part-time Health Visiting in Rural Areas.

*Midwives*

JANE R. RITCHIE.	MARGARET MACDONALD
JOAN WATERHOUSE.	TERESA DOCHERTY.

*Home Nurses*

MARION MACDONALD.	JANET KELSO.
MARY PEATTIE.	ELIZABETH SMITH.
JESSIE A. MACRAE.	BELL JOHNSTONE.
MARGARET BARROWMAN.	MARY M. MARTIN.
JEAN J. CRAWFORD.	MARGARET E. MacINNES.
ANNIE M. LEITCH.	EDITH BARBOUR.
JANET S. CLARK.	FLORA MacNICOL.
SUSAN A. McLEAN.	JOHNNANA HEATH.
AGNES G. KEAN.	ANNIE LOWE.*

ROSEMARY C. W. ARTHUR.

*Central Office Staff*

Chief-Clerk ALLAN G. CAMPBELL, D.P.A.  
Home Help Supervisor—MARGOT McKEAN.

*Clerical Staff*

ELIZABETH C. LANG.	MARION J. RAFFERTY.
MARY M. BUCHANAN.	MARY BALLANTINE.
WILLIAM B. GILLILAND.	ELIZ. MacFARLANE.
ROBERT LIVINGSTONE.	JUNE SINGLETON.
ELIZABETH McLEAN.	ISOBEL KIRKWOOD.
DOUGLAS TELFER.	NAN McKAY.

# MEDICAL OFFICER'S REPORT

## for Year 1958.

### VITAL STATISTICS

#### POPULATION:

The Registrar-General's estimate of the population at the middle of June, 1958, on which all relevant statistics have been calculated, was 99,928, an increase of 1,670 over the previous year and of 3,999 since the census of 1951. Comparative figures for the previous five years are as follows:—

Year	Estimated Population	Year	Estimated Population
1953	96,001	1956	97,010
1954	95,573	1957	98,258
1955	96,416		

#### BIRTHS AND BIRTH RATES:

The total number of live births registered in the County during 1958 was 1,391—8 less than in 1957. 592 births were transferred out and 1,047 were transferred in. The corrected figure for live births was, therefore, 1,846 (936 males—910 females), an increase of 9 over the 1957 figures. The number of stillbirths registered in the County was 41 and, after correction for 34 transfers out and 32 transfers in, the net County figure was 39 (17 males—22 females), an increase of 5 on 1957 figures. 52 of the 1,846 live births were illegitimate—a rate of 2.8 per hundred live births. The corrected live birth rate was 18.5 per thousand of the estimated population compared with 18.7 in 1957. The stillbirth rate was 21 per thousand births (including stillbirths) compared with 18 in 1957.

#### DEATHS AND DEATH RATES:

1,220 deaths were registered in the County during 1958 compared with 1,092 in 1957. 405 registrations were transferred out and 375 transferred in, giving a net total for the County of 1,190 (598 males—

592 females). The death rate per thousand of the population was 11.9 compared with 11.5 in 1957. 115 persons (45 males—70 females) had attained the age of 85 or over at the time of death.

#### INFANTILE MORTALITY:

The total number of deaths of children under one year was 46 (29 males—17 females), a decrease of 4 from the 1957 figure. This gave an infantile mortality rate of 25 per thousand live births, against a rate of 27 in 1957. Causes of death are shown on Table II on page 30. Of the 46 children under one year old who died during the year, 30 were aged under four weeks.

#### DEATHS FROM INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS):

Deaths from the principal epidemic diseases during 1958 totalled 5, all of which were due to influenza. This represents a substantial decrease from 1957 when the corresponding number of deaths was 15.

#### DEATHS FROM TUBERCULOSIS:

During 1958, 9 deaths occurred from tuberculosis (6 males—3 females), a decrease of 2 from the 1957 figure. All these deaths were due to respiratory tuberculosis and gave a death rate of 0.09 per thousand of the population compared with a rate of 0.10 in 1957.

#### DEATHS FROM PNEUMONIA:

43 deaths from pneumonia were recorded in 1958, including 3 in the newborn. The comparative figure for 1957 was 20. No cause of death from pneumonia of the newborn occurred in that year.

#### DEATHS FROM CANCER:

Cancer caused 227 deaths (100 males—127 females) during 1958. This was an increase of 4 over 1957 when the comparative figure was 223 (105 males—118 females).

## NATIONAL HEALTH SERVICE (SCOTLAND) ACT, 1947

### SECTION 22

#### CARE OF MOTHERS AND YOUNG CHILDREN

##### BIRTHS:

1,846 births (after correction for transfers) were notified during the year, of which approximately 55 per cent. took place in maternity hospitals and nursing homes. Details of admissions to maternity hospitals are given later in the Report.

## CHILD WELFARE CLINICS:

Child Welfare Clinic sessions with a Medical Officer in attendance are held weekly in the following clinics:—

Area	Clinic Day	Times
East King Street, Helensburgh ...	Wednesday	1.30-4.30 p.m.
Bank Street, Alexandria ... ..	Tuesday	1.30-4.30 p.m.
Haldane, Balloch ... ..	Friday	1.30-4.30 p.m.
John Street, Renton ... ..	Monday	1.30-4.30 p.m.
Erskine View, Old Kilpatrick ...	Wednesday	1.30-4.30 p.m.
Duntiglennan Road, Duntocher ...	Friday	9.30 a.m.-12 noon
North Campbell Avenue, Milngavie...	Thursday	1.30-4.30 p.m.
Hillfoot Drive, Bearsden ... ..	Thursday	1.30-4.30 p.m.
Townhead, Kirkintilloch ... ..	Monday	1.30-4.30 p.m.
Masonic Hall, Cumbernauld ... ..	Tuesday	1.30-2.30 p.m.
McSparran Road, Croy ... ..	Tuesday	9.30 a.m.—12 noon
Public School, Twechar ... ..	Thursday	9.30 a.m.—12 noon

Clinics are also held once weekly with a Health Visitor only in attendance in the following additional areas:—

Area	Clinic Day	Times
Community Centre, Hillhead, Kirkin-tilloch ... ..	Tuesday	1.30-4 p.m.
Bowling Club, Westerton, Bearsden...	Monday	1.30-4 p.m.
Girl Guide Hall, John Street, Helensburgh ... ..	Tuesday	1.30-4 p.m.

A slight fall occurred in the number of children brought to the clinics in 1958—4,726 against 4,962 in 1957.

## ANTE-NATAL CLINICS:

The Local Authority does not have ante-natal sessions as such, but, on request, appropriate advice is given to the expectant and nursing mother.

The Area Obstetrician and Gynæcologist is afforded clinic facilities in Local Authority premises and in the following clinics weekly sessions are held in respect of patients entering either of the two maternity hospitals and for advisory purposes:—

Clinic	Clinic Days	Times
Hartfield Clinic, Dumbarton ...	Tuesday and Friday	1.30 p.m.-4 p.m.
Bank Street Clinic, Alexandria ...	Thursday	9.30 a.m.-12.30 p.m.
Clinic, East King Street, Helensburgh	Monday	9.30 a.m.-12.30 p.m.
Whitecrook Clinic, Clydebank ...	Wednesday and Friday	9.30 a.m.-12.30 p.m.

In most areas the general practitioner holds ante-natal sessions in his own surgery and these are attended by the Local Authority midwives booked for cases due to be confined at home.

## RELAXATION THERAPY CLINICS:

Relaxation Therapy Classes for expectant mothers are held once weekly at Alexandria, Kirkintilloch, Bearsden and Dumbarton. Table VII on page 33 gives the figures relative to these four clinics.

## MATERNITY AND CHILD WELFARE

## DENTAL SERVICE:

The statistical record dealing with the dental treatment of expectant and nursing mothers and pre-school children will be found on page 44. (Table XVIII.)

Three dental officers resigned during the year, Miss Edward and Miss Muirie to be married and Miss Gale on her appointment to the Facial Maxillary Unit of the Regional Hospital Board. I would like to place on record my appreciation of their willing co-operation and valuable assistance. We were fortunate in being able to fill two of these vacancies almost immediately—the third is still unfilled. To-day there are too many posts chasing too few dentists; this is mainly due to the increased demand by all sections of the public for dental treatment, the high national average age of dentists and the loss due to retirements and deaths within the profession.

That the teeth of the pre-school children to-day are more prone to dental decay than some years ago can be observed during a dental inspection of the new admissions to school (5-year-olds). Some years ago it was usual to find around 25 per cent. of these children with a sound dentition—to-day the figure is about 5 per cent.

Treatment is seldom sought for these small children when dental decay is in its initial stages and conservation by means of filling is possible. Too often the first visit is one seeking relief from toothache.

The early extraction of these baby teeth can produce irregularities in the positioning of the permanent successors with later damaging effect on the dental tissues.

The "baby teeth" are not only the foundation teeth of the permanent dentition—they are also the foundation on which any National Dental Health Scheme must be built.

F. A. CASSIDY.

## U.V.L. TREATMENT:

U.V.L. treatment was available at most Child Welfare Clinics and the number of children treated was 93. Details of cases were as follows:—

	No. of Patients	Improved	Unchanged
General Debility ... ..	34	29	5
Bronchitis, etc. ... ..	26	22	4
Glands ... ..	5	3	2
Adenitis ... ..	4	2	2
Others ... ..	24	17	7

## PROVISION OF LAYETTES AND MATERNITY PACKS :

*Layettes.*—During the year 21½ layettes, each costing the Authority £3, were supplied at a charge as shown in Table IV on page 30.

*Maternity Packs.*—Maternity packs are supplied free on request to all home confinement cases. During 1958, 668 packs, each costing 11s. 9d., were supplied, the approximate cost to the Authority being £392.

## DAY NURSERIES :

The work of the Day Nurseries at Alexandria (64 places) and Helensburgh (34 places) continued satisfactorily during 1958, both Nurseries running at capacity. The waiting lists at the end of the year were Alexandria 159 (134 in 1957) and Helensburgh 18 (30 in 1957). Priority places were available in both Nurseries for children whose parents were ill, separated, unmarried, widowed, etc.

The scale of payment for children in the non-priority class was increased as from 24th March, 1958, the new rate being 4s. per day for the first child and 2s. 6d. per day for the second and subsequent children. The rate for priority classes remained unchanged at 1s. per day for the first child and 6d. per day for the second and subsequent children.

## RESIDENTIAL NURSERIES :

There are no Residential Nurseries within the County.

## CARE OF UNMARRIED MOTHERS :

During the year two cases were admitted to "Homeland" Salvation Army Home in Glasgow in conformity with agency arrangements.

## DOMESTIC HELP :

Domestic help was given at 131 confinements, an increase of 27 over the 1957 figures.

## ISSUE OF WELFARE FOODS :

The quantities of these foods issued during 1958 and the comparative figures for 1957 were as follows:—

	1958	1957
National Dried Milk ... ..	50,885 tins	62,103 tins
Cod Liver Oil ... ..	7,220 bottles	11,260 bottles
A. & D. Vitamin Pills ... ..	3,202 packets	3,191 packets
Orange Juice ... ..	43,689 bottles	70,627 bottles

Table V, facing page 30, shows the various distribution centres and times when foods are issued.

## PROVISION OF NEW CLINICS :

A new comprehensive clinic to serve the Duntocher, Hardgate, and Faifley areas is under construction at Goldenhill and should be ready

for occupation by the end of 1959. This clinic will provide all necessary child and school welfare services, dental treatment for pre-school and school children and Expectant and Nursing Mothers, Physiotherapy, U.V.L. Treatment and Chiropody, etc. It will also serve as a centre for the issue of Welfare Foods.

It is further hoped that Clydebank Town Council, the Regional Hospital Board and the general practitioners in the area will be accommodated so as to make the optimum use of the available premises and facilities.

#### PREMATURE INFANTS:

The "Flying Squad" Service for premature infants born at home was operated from Braeholm Maternity Hospital, Helensburgh.

#### ADMISSIONS TO MATERNITY HOSPITALS:

Details of cases admitted to Overtoun Hospital, Dumbarton, Braeholm Hospital, Helensburgh, and Glasgow Royal Maternity Hospital are shown in Table VI on page 31. I am indebted to Dr. J. P. O. Erskine, Area Obstetrician and Gynæcologist, and to Dr. Eccles, Medical Superintendent, Glasgow Royal Maternity Hospital, for this information.

Of the total number of births (before correction for transfers) which took place within the County area, 657—or approximately 46 per cent.—occurred in institutions.

### SECTION 23

#### MIDWIFERY

##### STAFF:

Notice of Intention to Practise in 1958 was received from 49 Midwives, categorised as follows:—

Domiciliary—Directly employed by Local Authority ... ..	4
Domiciliary—Contractually employed by Local Authority ...	3
District Nurse/Midwives directly employed by Local Authority	21
Hospital Midwives—Braeholm ... ..	20
Maternity Nurses—Private ... ..	1
	49

##### HOME CONFINEMENTS:

748 home confinements took place within the County area during the course of the year.

##### ANALGESIA:

Every midwife employed by the County has a Minnitt Gas/Air

Machine and is trained in its use. The Nursing Staff has also received the necessary training in the use of Trilene Analgesic Apparatus, the purchase of which is being given consideration.

#### SUPERVISION OF MIDWIVES:

Routine supervision of conduct of cases was continued during the year and no complaints recorded.

Three of the County midwives were employed as tutor midwives for training of pupils from Overtoun and Braeholm Maternity Hospitals.

Cases discharged from local Maternity Hospitals requiring further attention were notified to midwives who then completed the puerperium.

### SECTION 24

#### HEALTH VISITING

##### STAFFING:

At 31st December the Health Visiting strength giving a ratio of one Health Visitor to each 5,000 of population was as follows:—

Full-time ... ..	18
*Part-Time ... ..	8

\*Seven Rural District Nurses acting as Health Visitors.

This establishment falls somewhat short of what is desirable if Health Visitors are to be enabled to exercise their primary functions to the full. As things are, too much of a Health Visitor's time is spent on relatively unproductive activities which could well be undertaken by less qualified staff, but until measures are taken to stimulate recruiting by making the calling more attractive both financially and by way of enhancing professional status, there is little hope of overcoming the present national shortage.

##### HEALTH VISITING:

The number of visits paid to the various categories of patients showed a decrease during 1958, but this is more probably due to the inroads made by the Mass Radiography Campaign on the time available for normal duties than to any real decrease in the demand for services. Visits to homes numbered 30,167, mainly to infants and pre-school children, and approximately 8,000 were to tuberculosis cases, aged, domestic help and others.

##### CLINIC ATTENDANCES:

The increase in attendances at Child Welfare Clinics which occurred in 1957 was largely maintained, although the figures did show a slight decrease for this year—24,160 attendances against 24,307 in 1957.

## SECTION 25

## HOME NURSING

## STAFF:

At the end of 1958 there were 21 full-time nurses and 2 part-time nurses employed, of whom 21 were midwives.

## TRANSPORT:

18 motor cars were provided by the Authority and in three other instances a mileage rate was payable to nurses owning their own cars.

## HOUSING:

At the end of the year the housing position of District Nursing Staff was as follows:—

Six in houses owned by the Authority.

Nine in houses rented by the Authority.

Nine in houses owned/rented privately.

## SPECIAL ARRANGEMENTS:

No special provisions required to be made in this field during the course of the year.

## GENERAL:

The volume of work undertaken by the District Nurses remained high throughout the year, particularly with the aged and chronic sick, and the Nursing Superintendent reported her complete satisfaction with the standard of work achieved. Total visits to patients numbered 62,590, of which approximately 45 per cent. were to patients aged 65 or over.

## SECTION 26

## VACCINATION AND IMMUNISATION

## VACCINATION AGAINST SMALLPOX:

During the year, 820 primary vaccinations and 319 revaccinations were carried out. Approximately 64 per cent. of these vaccinations were given to children under five years of age and 36 per cent. to children under one year. Of the 1,846 children born in 1958, only 420, or 22.7 per cent., were protected, despite the efforts made by nurses and through the medium of posters and press publicity. This is far from satisfactory but it is difficult to see what more could reasonably be done to overcome the apathy of the majority of parents towards this form of prophylaxis.

#### DIPHTHERIA IMMUNISATION

As in the case of smallpox vaccination, immunisation rates were lower than is desirable but did show some slight improvement over last year, full courses of immunisation being given to 1,450 children (1,251 in 1957) and maintenance or "booster" injections to 1,145 (1,865 in 1957).

#### POLIOMYELITIS VACCINATION

There was a steady improvement in the supply of vaccine during 1958 so that by the early part of this year it was no longer necessary to improvise *ad hoc* clinic sessions to coincide with the accumulation of stocks, polio vaccination being carried out at normal Child Welfare Clinic sessions. The initial hesitancy on the part of many parents to have their children vaccinated seems to be disappearing and the demand for this form of protection will, it is hoped, show a steady increase.

During 1958, 7,644 persons received a full course of two injections bringing the total to 10,184 since the start of the scheme in 1957.

### SECTION 27

#### PREVENTION OF ILLNESS, CARE AND AFTER-CARE

##### REHABILITATION:

Contact was maintained with the Ministry of Labour Employment Exchanges to assist in the rehabilitation of patients and in the registration under the Disabled Persons (Employment) Act, 1944.

##### HOUSING:

Five houses in the County Landward Area were allocated to applicants during the year on special grounds where tuberculosis existed in the household.

##### B.C.G. VACCINATION:

*Contacts.*—During the year 149 contacts were skin tested, 130 of whom showed negative reaction and were all subsequently vaccinated.

*Special Groups.*—(a) School Leavers: 121 School Leavers were skin tested during the year. Of this total 86 were negative reactors and 82 of them were given B.C.G. Vaccination. (b) New Born Babies: 235 infants were skin tested following B.C.G. in Glasgow Maternity Hospitals. (c) Others: 148 other children were skin tested at the request of parents. 146 were negative reactors and were subsequently given B.C.G. Vaccination.

##### MASS RADIOGRAPHY:

During the period 6th October to 1st November of this year it became the turn of Dunbarton County to play its part in the two-year

Mass Radiography Survey originated by the Department of Health and begun in Glasgow in March, 1957, as a major step towards control and final eradication of tuberculosis in Scotland. The preliminary planning was begun as early as 1957 when the County was divided into six areas each under the local control of the District Welfare Officer. Thereafter the campaign followed the by now familiar pattern which had been tried and found successful in other areas—that is, the transformation of an “official” project into a concerted action on a community level by means of detailed planning and organisation backed by a massive publicity drive timed to reach maximum intensity in the opening stages of the campaign. All means of advance publicity were used, including the Press, the cinema, posters in clinics, shops and doctors’ surgeries, x-ray leaflets in workers’ pay packets, x-ray bookmarks in library books issued from Public Libraries and banners strung across streets and displayed on buildings, so that by the time the four x-ray units which had been allocated to the County from Edinburgh, Glasgow, Aberdeen and Dundee had arrived most people must have been aware of the reasons why they should be x-rayed and when and where to go to have this done.

During the actual survey itself this publicity was sustained and interest stimulated by the additional use of loud-speaker vans, prize draws for substantial prizes generously donated by numerous firms and by the random distribution of smaller gifts to people wearing the metal x-ray badge given to each person presenting his or herself for x-ray.

Owing to the scattered nature of the County and the consequent difficulty in siting units so that people in outlying parts would have an equal opportunity of being x-rayed to those in the more accessible and densely populated areas a relatively low target of 50 per cent. of the estimated number of persons in the population aged 15 and over was set and by the time the campaign closed this target had been achieved and in fact slightly surpassed: 38,658 people (53.7 per cent.) having been x-rayed. Of this number, 69 persons, of whom four were previously known cases, were found to have active tuberculosis (Codes 24, 23, 26) and 89 cases (nine previously known) were found to have tuberculosis of doubtful activity (Code 25). In addition, 11 cases of carcinoma or other malignant disease, 47 cases of pneumoconiosis and 219 cases of abnormality of heart and vessels were also discovered. Fuller details will be found in the Tables facing page 52.

I should like to place on record here my sincere thanks to all the individuals, organisations and firms who by their efforts and generosity made the campaign the success which it was and while I hesitate to single out any particular section of the combined force I feel that I must pay a special tribute to the staffs of the Mass Radiography Units for their efficiency and willing co-operation at all times.

## SECTION 28

## DOMESTIC HELP SCHEME

## STAFF:

The total number of Helps employed at the end of the year was 225 as against 195 in 1957, the greatest increase being in the number of Helps employed on a part-time basis. The comparative numbers for part-time Helps were 218 in 1958 and 187 in 1957. The greater numbers employed and an increase in Home Help wages, operative from 1st November, 1958, had the effect of further increasing the cost of the scheme but the extension of the Service had, of course, its concomitant increase in income which helped to some extent to offset gross expenditure. As in past years the scheme continued to give help to the elderly and infirm, 473 cases from a total of 795 being in this category. In addition, help was given to 170 cases of home confinement or after hospital confinement.

Although the scheme is apparently costly to run it should always be kept in mind that many of the old people to whom help is given would otherwise have to be admitted permanently to Homes or hospitals where the final cost to the community would be even greater both financially and in terms of human happiness.

## NIGHT-SITTING SERVICE:

No Night-Sitters are employed and there is no information available as to whether or not any voluntary organisations supplied this need. It is known, however, that many Home Helps working with elderly folk voluntarily return to their patients in the evenings to see them settled for the night.

## OTHER HEALTH SERVICES

## ISSUE OF MEDICAL EQUIPMENT:

The Authority maintains a large and comprehensive range of medical equipment, which is issued at the request of general practitioners and District Nurses.

Included in this range of equipment are invalid chairs, air beds, waterproof sheeting, air cushions, tripod sticks, and bed-pans. These items are issued on loan, free of charge, through District Nurses in all areas.

## CHIROPODY:

The Council's Chiropody Service, which covers practically every district in the County, was established in 1956 following an authority received from the Department of Health to include the service under Section 27 of the National Health Service (Scotland) Act.

No charge is made to patients and the qualification to receive

treatment is that applicants must be of pensionable age and not in remunerative employment.

The practice in the various areas with regard to the payment of Chiropodists is somewhat varied, in that, where this department initiated the scheme, the Chiropodists were engaged on a sessional basis, but where the service had already been established by the local Old People's Welfare Committee, payment had been made on the basis of a charge per case treated and this system was retained in these areas. It is expected, however, that all areas will eventually be on the same sessional fee basis.

During the year 1958 the cost of this service to the Local Authority was approximately £1,500.

#### EPILEPTICS AND SPASTICS:

No additional information was collected during the year. Spastic children continued to receive such treatment as could be made available to them through the media of orthopædic clinics, home tuition or residential school or institution.

#### CONVALESCENT HOMES:

(a) *Ardgare Home, Shandon*, has 25 beds for children of school age, and details of admissions and discharges can be found in Table XIII on page 40.

(b) *Cardross Park Home, Cardross*, which is run primarily as a Children's Home under the Children Act, admitted pre-school cases from the Public Health Department for spells of convalescent care or course of B.C.G. vaccinations.

(c) *Other Convalescent Homes*.—Admission to other Homes out-with the County were also arranged, as can be seen in Table XIII on page 30.

## CONTROL OF INFECTIOUS DISEASES

#### GENERAL:

The number of cases of infectious diseases notified during the year showed a slight increase—378 against 343 in 1957, the higher incidence being due largely to a greater number of notified cases of dysentery.

*Diphtheria*.—It is encouraging to note that no case of Diphtheria has been notified within the County area since 1954.

*Cerebro-Spinal Fever*.—3 cases were notified during the year, all of whom were admitted to hospital.

*Dysentery*.—171 cases were notified, of whom 71 were hospitalised.

*Encephalitis Lethargica*.—1 case was notified during the year and admitted to hospital.

*Erysipelas*.—2 cases were notified, 1 of whom was hospitalised.

*Pneumonia, Acute Influenzal.*—2 cases were notified during the year, of whom one was hospitalised.

*Pneumonia, Primary.*—68 cases were notified, 50 of whom were admitted to hospital.

*Poliomyelitis.*—8 cases, all of whom were admitted to hospital, were notified in 1958, against 5 in 1957, 5 in 1956, 8 in 1955 and 2 in 1954.

*Scarlet Fever.*—88 cases, of whom 44 were hospitalised, were notified during the year, against 73 cases in 1957.

*Paratyphoid (B).*—5 cases, 4 of whom were hospitalised, were notified in 1958.

*Whooping Cough.*—Only 17 cases were officially notified during the year, against 56 in 1957, though no doubt a great many more occurred.

*Food Poisoning.*—13 cases were notified during the year, 7 of whom required hospital treatment, compared with 42 cases in 1957.

#### NURSERIES AND CHILD MINDERS REGULATIONS, 1948

No applications were received in respect of premises during 1958 and no intimations received from Child Minders.

#### PORT HEALTH ADMINISTRATION

During the course of the year, 85 oil tankers berthed at Finnart, for which the usual port health facilities were provided.

In respect of ships berthing elsewhere on the Clyde within the County area, services were carried out on our behalf by Glasgow Corporation.

#### FOOD SUPPLY

The Sanitary Inspector's portions of the Report deal with this subject.

## MISCELLANEOUS

## NATIONAL ASSISTANCE ACT, 1948

## RESIDENTIAL ACCOMMODATION:

*Leven Cottage, Alexandria* (14 places).—Matron: Mrs. H. McKechnie.

The Home remained fully occupied during the year and there was a waiting list for both male and female places. As in the past, local voluntary organisations were extremely generous in providing entertainments for the residents and with invitations to the old people to participate in their activities.

The Home itself and the way in which it was run gave entire satisfaction to all concerned with the single exception that the heating system was felt to be somewhat less than adequate, but it is hoped to remedy this by the installation of a new central heating system next year.

*Crannog Cottage, Milton* (25 places).—Matron: Mrs. J. O'Neil.

This Home also remained fully occupied during the year with a waiting list for both male and female places.

As in the case of the other Home, local voluntary organisations were extremely thoughtful in providing extra amenities and interests for the residents and the running of the Home was conducted in a most efficient manner.

One or two places in this Home are given over for "temporary" residents to allow relatives to go on holiday or to give them relief for other reasons.

## MEDICAL SUPERVISION AND SERVICES:

This was provided both at Central Hospital and Cames Eskan Hospital.

## REMOVALS (SECTION 47):

No removals of a compulsory nature were necessary during the year.

## CARE OF PROPERTY (SECTION 48):

Arrangements for care of property of persons removed to hospital or Part III Accommodation were made as required.

## BURIALS (SECTION 50):

During the year 5 burials were paid for by the Local Authority.

## RADIO LICENCES (WIRELESS TELEGRAPHY (BLIND PERSONS' FACILITIES) ACT, 1926):

During the year 1958, 3 certificates were issued to registered blind persons and 1 certificate cancelled on the death of the holder.

## NURSING HOMES REGULATIONS (SCOTLAND) ACT, 1938

There are no Registered Nursing Homes in the area.

## HEALTH EDUCATION

No specific propaganda campaign was undertaken during the year, but through the medium of press publicity, speakers provided to organisations, and literature distribution, a steady amount of Health Education was carried out.

## PREVENTION OF HOME ACCIDENTS:

No specific propaganda campaign was undertaken during the year. Normal propaganda was, of course, carried out continuously through the Health Visiting and other nursing staff, and by the issue of leaflets and display of posters in clinics throughout the county.

## GENERAL SANITATION

## WATER SUPPLIES:

Routine sampling of the various public and private supplies continued as usual and the results were satisfactory.

One incident worthy of note had its actual beginning in the previous year when a manufacturer of soft drinks began to be troubled by the appearance in his products of a very fine flocculant whitish material in suspension. This material tended to deposit but was dissipated by disturbance. A thorough bacteriological and chemical analysis of the water supply was carried out and, in addition, investigations were made by Professor Browning of the Bacteriological Service in conjunction with the Botany Department of the West of Scotland Agricultural College, Glasgow. As a result of these investigations it was concluded that the cause of the trouble was an apparently amorphous organic material probably a metabolic product of very fine algæ, particularly chlorella. The answer to the problem was then obviously one of the suppression of algæ in the reservoir and/or provision for better filtration of the water by the manufacturer.

Both solutions presented difficulties in that it was found that algæ were present not only in the reservoir itself but also in the intake water so that any of the usual chemical treatments would provide only a temporary cure, without taking into account the effect on the taste and smell of the water which might be produced from the dead algæ.

The question of additional filtration was gone into but, having regard to the volume of water used by the manufacturer, the size of the algæ, the mechanics of the problem, and the expense which would

have been involved, this solution was thought to be economically impossible and the firm decided latterly to move to another area of the County.

Since no other trade users had any difficulties and since the presence of the algæ rendered the water in no way unfit for ordinary domestic purposes, the attempt to find a practicable solution was finally abandoned.

#### RIVERS POLLUTION:

No complaints were received in respect of any of the major rivers in the County, and no incident meriting comment arose under this heading during the year.

### HOUSING

On page 52, Table XXXIII shows the progress made during the year in the erection of new houses.

The number of houses built during the year was not sufficient to cause any appreciable drop in the numbers on the waiting lists for Local Authority houses, and, as in most parts of Scotland, housing remains a major problem.

The number and area location of houses condemned as unfit for human habitation is shown on pages 53 and 54 in Table XXXIV.

### METEOROLOGY

I am indebted to the various Water Engineers and Superintendents for the information contained in Table XXXV on page 55.

### SECTION 29

#### WELFARE SERVICES

The following report for the year ended 31st December, 1958, has been provided by Mr. G. McCorkindale, Chief Welfare Officer:—

#### BLIND PERSONS ACT:

During the year 16 persons were certified blind. Four blind workers were paid travelling expenses amounting to £49 16s. 6d.

## PART III ACCOMMODATION:

*Central Hospital, Dumbarton—*

Number of cases at 31/12/57	...	...	...	...	27
Number admitted during the year	...	...	...	...	38
					65
Number of discharges by death or otherwise	...	...	...	...	26
					39
Number of cases in other Local Authority Homes as at 31/12/58	...	...	...	...	5
Number of cases in other Voluntary Homes as at 31/12/58—					
(a) Aged	...	...	...	...	16
(b) Epileptics	...	...	...	...	1
(c) Blind	...	...	...	...	1
(d) Cripples	...	...	...	...	0
					18

*Leven Cottage.*—7 males and 5 females were resident on 31st December, 1958.

*Crannog Cottage.*—9 males and 13 females were resident on 31st December, 1958.

## WELFARE OF THE HANDICAPPED:

14 handicapped persons are now being provided with Occupational Therapy.

## MENTAL HEALTH SERVICES:

*Lunatics and Mental Defectives under Supervision—*

Boarded-out lunatics: Male, 3; Females, 2.

Allowances paid to guardians, £198 3s. 10d. (which is recoverable from Regional Hospital Board).

As from 1st September, 1958, the payment of allowances to guardians was transferred to the National Assistance Board.

Supervision of the cases remains with the Local Authority.

Boarded-out Mental Defectives: Males, 7; Females, 16.

Allowances paid to guardians, £1,279 18s. 6d.; Clothing allowances, £96 10s. 7d.—£1,376 9s. 1d.

*Removals, etc.—*

			Certified	Voluntary
Removals to Mental Hospitals	...	...	44	4

## AREA DISTRIBUTION

East Kilpatrick (Burghal and Landward) ... ..	9
West Kilpatrick ... ..	7
Parish of Bonhill ... ..	23
Kirkintilloch (Burghal and Landward) ... ..	5
Rhu (Burghal and Landward) ... ..	3
Parish of Cumbernauld ... ..	1
	48

## AGE AND SEX DISTRIBUTION

	0-15 yrs.	16-25 yrs.	26-40 yrs.	41-60 yrs.	61-80 yrs.	81 yrs.	Total
Males	0	3	3	1	3	2	12
Females	0	1	8	13	11	3	36
	0	4	11	14	14	5	48

*Certified Cases awaiting admission to Institutions—*

On waiting list at 31/12/57 ... ..	19
Reported during year ... ..	5
	24
Admitted during year ... ..	10
On waiting list at 31/12/58 ... ..	14

*Cases notified by Education Committee—*

Seven cases were notified by the Education Committee of children attending Special Schools who had attained 16 years of age. The home conditions in all cases are satisfactory, but, at the request of the parents, one girl has been placed on the waiting list for institutional treatment. The other six will remain in the care of their parents.

The General Board of Control called for reports on the home conditions of 33 patients who are presently detained in Certified Institutions.

TABLE I.—COUNTY OF DUNBARTON (EXCLUDING LARGE BURGHS)

POPULATION ESTIMATED TO MIDDLE OF 1958—99,928

	No. Registered in District.	Transfers.		No. Corrected for Transfers.			Rate per 1000 of Est. Pop. (Both Sexes.)
		Out.	In.	Both Sexes.	Males.	Females.	
Live Births (including Illegitimate) ...	1391	592	1047	1846	936	910	18.5
Live Births (Illegitimate) ...	42	27	37	52	24	28	(2) 2.8
Still-Births ...	41	34	32	39	17	22	(3) 21
Marriages ...	622	—	—	—	—	—	6.2
Deaths—All Causes ...	1220	405	375	1190	598	592	* 11.9
Tuberculosis (All Forms) ...	—	—	—	9	6	3	0.09
Tuberculosis (Respiratory System) ...	—	—	—	9	6	3	0.09
Principal Epidemics Diseases <sup>1</sup> ...	—	—	—	5	3	2	0.05
Children aged under One Year ...	—	—	—	46	29	17	(4) 25
Children aged under Four Weeks ...	—	—	—	30	20	10	(4) 16
Accidents in the Home (Provisional)	—	—	—	17	4	13	(5) 17

<sup>1</sup> Typhoid Fever, Meningococcal Infections, Scarlet Fever, Whooping Cough, Diphtheria, Influenza and Measles.<sup>2</sup> Per 100 Live Births.<sup>3</sup> Per 1000 Total Births (including Still-Births).<sup>4</sup> Per 1000 Live Births.<sup>5</sup> Per 100,000 Population.

\* Rate adjusted for Age and Sex distribution—11.8.

TABLE II.  
CAUSES OF DEATH OF CHILDREN UNDER 4 WEEKS AND  
UNDER 1 YEAR.

CAUSE OF DEATH.	Under 4 weeks.	Over 4 weeks and under 1 year.	TOTAL.
Non-meningococcal Meningitis ... ..	—	1	1
Pneumonia (Except of Newborn) ... ..	—	6	6
Other Respiratory Diseases ... ..	—	1	1
Intestinal Obstruction and Hernia ... ..	—	1	1
Diarrhoea (Except of Newborn) ... ..	—	1	1
Congenital Malformations ... ..	3	5	8
Birth Injuries, Post-natal Asphyxia and Atelectasis ... ..	12	—	12
Pneumonia of Newborn ... ..	3	—	3
Other Diseases Peculiar to Early Infancy	11	—	11
Accidents in the Home ... ..	1	1	2
TOTALS ... ..	30	16	46

TABLE IV.  
LAYETTES SUPPLIED IN 1958.

<i>No.</i>	<i>Charge</i>	<i>Amount</i>
6½	Free	£0 0 0
3	10s.	1 10 0
1	20s.	1 0 0
2	25s.	2 10 0
1	40s.	2 0 0
1	50s.	2 10 0
1	55s.	2 15 0
6	60s.	18 0 0
<u>21½</u>		<u>£30 5 0</u>

TABLE 3.

COUNTY OF DUNBARTON (Excluding Large Burghs)—STATEMENT OF CAUSES OF DEATH (Corrected for TRANSFERS), FOR 1958. COMPILED FROM FIGURES SUPPLIED BY THE REGISTRAR-GENERAL.

CAUSES OF DEATH	All Ages	Under 1 year	1-4 years	5-9 years	10-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 yrs. & over
Infectious and Parasitic Diseases ...	22	3	—	—	—	2	—	1	3	3	4	6	—
... M.	22	3	—	—	—	—	—	—	—	—	—	—	—
... F.	100	—	—	—	—	—	—	—	—	—	—	—	—
Cancer—Malignant Neoplasms ...	127	—	2	1	1	1	2	6	12	23	28	29	2
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	—	—	—	—	—	—	—	—	—	—	—	—	—
Tumours—Non-Malignant or Not Defined ...	2	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	3	—	—	—	—	—	—	—	—	—	—	—	—
Veneral Diseases ...	2	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	2	—	—	—	—	—	—	—	—	—	—	—	—
Anaemias ...	2	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	2	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes Mellitus ...	7	—	—	—	—	1	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	7	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis—Respiratory ...	6	—	—	—	—	—	1	—	—	—	—	—	—
... M.	3	—	—	—	—	—	—	—	—	—	—	—	—
... F.	3	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis—Non-Respiratory ...	—	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	3	—	—	—	—	—	—	—	—	—	—	—	—
General Diseases ...	3	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	6	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Nervous System—Vascular ...	103	—	—	—	—	—	—	2	5	5	3	3	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	103	—	—	—	—	—	—	2	5	5	3	3	—
Diseases of Nervous System—Non-Vascular ...	11	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	11	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Circulatory System ...	215	—	—	—	—	—	1	5	19	42	67	62	19
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	207	—	—	—	—	—	1	5	19	42	67	62	19
Diseases of Digestive System ...	24	1	—	1	—	—	—	1	8	19	50	85	40
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	24	1	—	1	—	—	—	1	8	19	50	85	40
Diseases of Genito Urinary System ...	15	—	—	—	—	—	1	2	1	1	4	5	3
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	15	—	—	—	—	—	1	2	1	1	4	5	3
Diseases of Respiratory System ...	30	1	1	—	—	—	—	—	2	8	13	3	2
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	30	1	1	—	—	—	—	—	2	8	13	3	2
Puerperal Causes ...	3	—	—	—	—	—	2	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	3	—	—	—	—	—	2	—	—	—	—	—	—
Diseases of Skin and Organs of Locomotion ...	4	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	4	—	—	—	—	—	—	—	—	—	—	—	—
Rheumatic Fever ...	2	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	2	—	—	—	—	—	—	—	—	—	—	—	—
Chronic Rheumatic Heart Disease ...	14	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	14	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Debility, Premature Birth, Malforma- tions, etc., Diarrhoea and Other Diseases peculiar to Early Infancy including New-Born Non-Meningococcal Meningitis ...	8	6	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	8	6	—	—	—	—	—	—	—	—	—	—	—
Influenza ...	3	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	3	—	—	—	—	—	—	—	—	—	—	—	—
Senility ...	2	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	2	—	—	—	—	—	—	—	—	—	—	—	—
Causes Ill-Defined or Unknown ...	8	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	8	—	—	—	—	—	—	—	—	—	—	—	—
Suicide ...	4	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	4	—	—	—	—	—	—	—	—	—	—	—	—
Road Transport Accidents ...	13	—	—	2	—	2	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	13	—	—	2	—	2	—	—	—	—	—	—	—
Other Violence ...	9	—	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	9	—	—	—	—	—	—	—	—	—	—	—	—
Accidents in the Home ...	4	1	—	—	—	—	—	—	—	—	—	—	—
... M.	—	—	—	—	—	—	—	—	—	—	—	—	—
... F.	4	1	—	—	—	—	—	—	—	—	—	—	—
TOTALS BY SEX AND AGE GROUP ...	598	29	1	3	2	8	9	14	54	103	168	162	45
... M.	592	17	2	2	2	1	8	21	48	87	144	190	70
... F.	—	—	—	—	—	—	—	—	—	—	—	—	—
GRAND TOTALS ...	1190	46	3	5	4	9	17	35	102	190	312	352	115

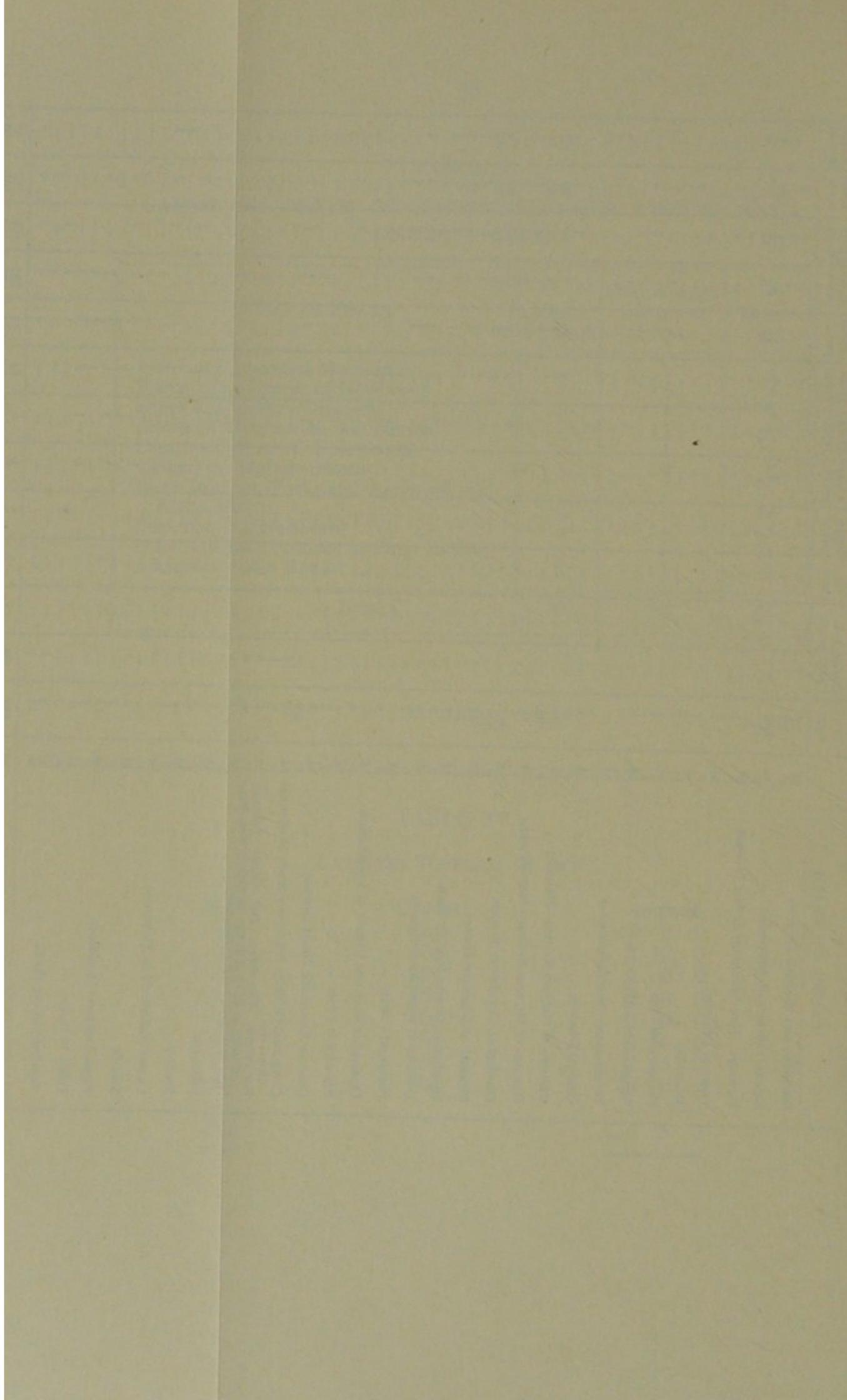


TABLE 5. WELFARE FOODS DISTRIBUTION CENTRES—1957

(1) Address of Centre and Area Served	(2) Name and Address of Distributor	(3) Type of Distribution Centre, e.g., Shop, Clinic, Office	(4) Days and Hours of Opening
ALEXANDRIA DISTRICT— District Council Offices, Gilmour Street, Alexandria.	Dunbarton County Council, Welfare Department, Office Staff.	Offices	Mondays to Fridays— 9 a.m. to 3 p.m.
BALLOCH Rent Office, Mill of Haldane, Balloch.	D.C.C. Welfare Dept., Office Staff.	Rent Office.	Friday—10 to 12 noon.
ARROCHAR DISTRICT— District Nurse's House, Tigh-a-Lais, Arrochar.	District Nurse per Dunbarton County Council Health Department.	Nurse's House.	Wednesdays— 2 to 5 p.m.
BEARSDEN— 1. District Council Offices, Roman Road, Bearsden. 2. Westerton Bowling Club. 3. Whitehurst—Carcare Ltd., Duntocher Road, Bearsden.	Dunbarton County Council, Welfare Department, Office Staff. Dunbarton County Council, Welfare Department, Office Staff. Carcare Ltd.	Offices. Clinic. General Store.	Tuesday—10 to 12 noon. Thursday—2 to 4 p.m. Monday—2 to 4 p.m. Business Hours.
CARDROSS— General Store, Main Street, Cardross.	N. Campbell, General Store, Main St., Cardross.	General Store.	Business Hours.
CROY— D.C.C. Clinic, McSparran Road, Croy.	Clinic Staff per Dunbarton County Council Health Department.	Clinic.	Mondays— 11.15 to 12.30 p.m.
CONDORRAT— Rent Office.	Mrs. J. Arnot.	Rent Office.	Mondays— 10 to 12 noon. Thursdays— 1.30 to 3.30 p.m.
CUMBERNAULD—(STATION)— 1. General Store, Station Buildings.	Mrs. A. Bell, Station Buildings, Cumbernauld.	General Store.	Business Hours.
CUMBERNAULD—(VILLAGE)— 2. District Council Office, Cumbernauld.	D.C.C. Welfare Department, Office Staff.	Offices.	Tuesdays— 2.30 to 3.30 p.m.
DUNTOCHER— Duntiglen Road.	Mrs. A. Hay.	Clinic.	Friday—11.30 to 1 p.m.
GARELOCHHEAD— District Nursing House, "Somerset," Garelochhead.	District Nurse per Dunbarton County Council Health Department.	Nurse's House.	Friday—2 to 4 p.m.
GARTOCHARN— Old Schoolhouse, Gartocharn.	District Nurse per Dunbarton County Council Health Department.	School.	First Wednesday of each month—3 to 4 p.m.
HELENSBURGH— District Council Office, West King Street.	D.C.C., Welfare Department, Office Staff.	Office.	Tuesday and Thursday— 10 to 12 and 2 to 4 p.m.
KILCREGGAN— District Nursing House, Templeton Cottage, Kilcreggan.	District Nurse per Dunbarton County Council.	Nurse's House.	Wednesday— 2.30 to 3.30 p.m.
KIRKINTILLOCH— District Council Office, Luggiebank Road, Kirkintilloch.	C.C. Staff.	Office.	Monday to Friday— 9 to 12.30 p.m. Friday—2 to 4 p.m. Saturday—9 to 12.
LUSS— District Nursing House, Roselea Cottage, Luss.	District Nurse, per Dunbarton County Council.	Nurse's House.	First Tuesday of each month—4 to 5 p.m.
MILNGAVIE— North Campbell Avenue.	D.C.C. Staff.	Clinic.	Tuesday—2 to 4 p.m. Friday—10 to 12 noon.
OLD KILPATRICK— D.C.C. Clinic, Erskine View, Old Kilpatrick.	Mrs. A. Hay.	Clinic.	Tuesday— 1.30 to 3.30 p.m.
RENTON— Victoria Institute, Main Street, Renton.	Vale of Leven District Council Office Staff.	Hall.	Tuesday—2 to 4 p.m.
RHU— District Nursing House, "Rhu Bheag," Rhu.	District Nurse per Dunbarton County Council Health Department.	Nurse's House.	Tuesday—2 to 4 p.m.
TWECHAR— Constitutional Hall, Twechar.	D.C.C. Staff.	Unionist Association Hall.	Tuesday— 1.30 to 3.30 p.m.

No.	Author	Title
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TABLE VI.  
OVERTOUN MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1958.

Babies delivered alive	...	...	161	Babies B.B.A. (alive)	...	...	2
Babies still-born	...	...	7	Spontaneous deliveries	...	...	157
Neonatal deaths	...	...	3				

ANTE-NATAL COMPLICATIONS.

Pre-eclampsia	...	...	24	Hyperemesis Gravidarum	...	...	3
Twin pregnancy	...	...	1	Hydramnios	...	...	5
Pyelitis	...	...	2	Vulvar warts	...	...	1
False Labour	...	...	1	Rhesus Negative with Antibodies	...	...	2
Anaemia—iron deficiency	...	...	10	Accidental Haemorrhage	...	...	3
Anaemia—Megoblastic	...	...	2	Pulmonary tuberculosis	...	...	4
Post-maturity	...	...	13				

*Abortions.*

Threatened	...	...	4	Complete	...	...	2
Habitual—rest over period	...	...	19	Incomplete—D. & C.	...	...	20

*Intra-partum Complications.*

Transverse lie with prolapsed cord at term (transferred to Braeholm for Caesarean Section)	...	...	1	Foetal distress	...	...	4
				Prolonged first stage of labour	...	...	2

*Post-partum Complications.*

Post-partum haemorrhage—primary	...	...	3	Puerperal sepsis	...	...	2
Post-partum haemorrhage—secondary—D. & C.	...	...	3	Superficial Thrombo-phlebitis	...	...	2
				Not pregnant	...	...	2

*Operative Procedures.*

Forceps deliveries (Babies Alive)	...	...	7	Artificial rupture of membranes	...	...	39
Assisted Breech deliveries (Alive—2. S.B.Prem.—1)	...	...	3	Manual removal of placenta	...	...	4
				External cephalic version	...	...	1

BRAEHOLM MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1958.

Babies delivered alive	...	...	264	Maternal deaths	...	...	2
Babies still-born	...	...	11	Babies B.B.A. (alive)	...	...	2
Neonatal deaths	...	...	10	Spontaneous deliveries	...	...	219

ANTE-NATAL COMPLICATIONS.

Pre-eclampsia	...	...	65	Hydramnios—acute	...	...	1
Anaemia—iron deficiency	...	...	9	Twin pregnancy	...	...	7
Anaemia—Megoblastic	...	...	7	Contracted pelvis	...	...	2
Cardiac disease	...	...	7	Accidental haemorrhage	...	...	26
Pyelitis	...	...	2	Placenta praevia	...	...	4
Asthma	...	...	2	Rhesus negative with antibodies	...	...	3
Diabetes Mellitis	...	...	2	Ovarian cyst	...	...	2
Thyrotoxicosis	...	...	1	Chronic anxiety state	...	...	1
Disseminated sclerosis	...	...	1	Hyperemesis gravidarum	...	...	1
Hydramnios—chronic	...	...	4	False labour	...	...	2

*Abortions.*

Threatened	...	...	4	Incomplete—D. & C.	...	...	49
Habitual—rest over period	...	...	1	Ectopic gestation	...	...	2
Complete	...	...	4				

*Intra-partum Complications.*

Prolapsed cord ... .. 1

*Post-partum Complications.*

Haemorrhage—primary ... .. 11      Thrombo-phlebitis ... .. 2  
 Haemorrhage—secondary—D. & C. 2      Eclampsia ... .. 1

*Operative Procedures.*

Caesarean Sections (one twin pregnancy) ... .. 26	Manual removal of placenta ... .. 8
(Alive—25; S.B.—2)	Laparotomy ... .. 9
Forceps Deliveries ... .. 16	(Salpingectomy, 2; Ovarian cystectomy, 2; Sterilisation operation, 3; Abdominal hysterotomy with sterilisation, 2)
(Alive—16)	D. & C. (non-pregnant) ... .. 5
Breech Deliveries ... .. 13	Artificial rupture of membranes ... .. 69
(Alive—9; S.B.—2; *N.N.D.—2)	
External cephalic version (under Gen. Anaesthesia) ... .. 10	

*Maternal Deaths.*

- (1) Primigravida aged 28 years—Caesarean Section followed by Paralytic Ileus & General Peritonitis.      (2) Primigravida aged 36 years, Caesarean Section followed by Adrenocortical failure.

\*Neonatal death.

## THE GLASGOW ROYAL MATERNITY AND WOMEN'S HOSPITAL.

## STATEMENT OF ADMISSIONS FROM COUNTY OF DUNBARTON FOR YEAR TO 31ST DECEMBER, 1958.

Vertex ... .. 20	Post Mature ... .. 2
Ante-partum Haemorrhage ... .. 7	Delayed Labour ... .. 2
Breech ... .. 6	Post-partum Haemorrhage ... .. 1
High Blood Pressure ... .. 5	Urinary Infection ... .. 1
Anaemia ... .. 4	Diabetes ... .. 1
Bad Obstetric History ... .. 4	Premature Labour ... .. 1
Pre-eclampsia ... .. 4	For Investigation ... .. 1
Twins ... .. 3	Oedema ... .. 1
Rhesus Negative with Antibodies ... .. 3	Examination under Anaesthetic ... .. 1
Hypertension ... .. 3	Premature Rupture of Membranes ... .. 1
For Induction ... .. 2	Brow Presentation ... .. 1
Foetal Distress ... .. 2	Pyuria ... .. 1

TABLE VII.  
RELAXATION THERAPY CLINICS.  
SESSION 1958.

CLINIC	No. of Patients Referred	No. of Patients Attending	No. of Attendances	No. of Patients Completing Course	No. of Patients under Treatment at end of Year	REMARKS
Hillfoot, Bearsden	64	62	324	57	6	2 patients did not report
Hartfield, Dumbarton	91	74	388	63	3	17 patients did not report
Townhead, Kirkintilloch	21	21	122	19	—	2 patients ceased to attend because of illness
Bank Street, Alexandria	49	47	309	43	5	2 patients refused treatment
Grand Totals	225	204	1143	182	14	—

TABLE VIII—HEALTH VISITATION

AREA	Expectant Mothers		Children 1 Year		Children 1-5 Years		T. B. Cases		OTHER CASES												TOTAL OF OTHERS		GRAND TOTALS			
	NV	TV	NV	TV	NV	TV	NV	TV	Home Helps		Housing		Request of G.P.		Request of Hosps.		Children's Dept.		Aged		Sundry Cases		NV	TV	NV	TV
									NV	TV	NV	TV	NV	TV	NV	TV	NV	TV	NV	TV	NV	TV				
Kirkintilloch Burgh -	2	2	347	1186	40	1169	57	107	73	217	1	1	—	—	1	1	—	—	3	12	21	98	545	329	2793	
Kirkintilloch, Landward	9	43	193	1280	241	947	30	122	70	861	5	7	14	41	—	—	9	25	16	116	20	85	607	1135	3527	
Milngavie Burgh - -	—	—	319	1028	440	790	15	19	97	785	—	—	2	3	1	1	2	2	6	5	138	276	1020	1072	2909	
New Kilpatrick - - -	45	65	505	1461	623	1020	35	61	227	487	2	3	—	—	—	—	14	23	—	—	13	238	1464	751	3358	
Old Kilpatrick - - -	47	61	280	1523	434	1701	43	145	32	386	17	17	—	—	—	—	—	—	26	215	233	367	1112	985	4415	
Alexandria - - -	2	2	618	1991	1118	2096	76	231	95	467	51	51	4	5	11	15	3	3	9	19	535	740	2522	1300	5614	
Renton - - -	1	1	126	328	195	200	6	15	10	51	4	4	—	—	—	—	—	—	—	—	28	230	370	285	829	
Helensburgh - - -	1	1	273	1340	404	1244	28	47	38	154	9	10	4	5	—	—	11	25	12	59	78	332	858	585	3217	
Rest of Western Area -	9	78	133	1317	111	1399	12	74	28	207	2	3	—	—	2	4	3	7	31	445	19	52	350	718	3586	
Grand Totals - - -	116	253	2794	11454	3606	10560	302	821	670	3615	91	96	24	54	15	21	42	85	103	871	1085	2418	8848	7160	30248	

TABLE IX.—MATERNITY SERVICE AND CHILD WELFARE CLINICS.

Clinic	No. of Clinics Held		Child Welfare Consultations			
	With Health Visitor only in attendance	Doctor and Health Visitor in attendance	First Attendances		Total Attendances	
			Under 1 year	Over 1 year	Under 1 year	Over 1 year
Alexandria	50	50	291	200	1,807	446
Renton	49	47	117	155	824	631
Helensburgh	50	48	184	119	1,146	373
Duntocher	49	49	171	236	1,299	808
Old Kilpatrick	50	50	163	148	1,332	474
Bearsden	50	50	467	731	2,678	1,351
Milngavie	50	50	245	404	1,476	1,103
Cumbernauld	49	48	34	88	413	190
Croy	49	48	92	79	758	277
Twechar	49	48	83	111	1,074	377
Kirkintilloch	48	50	273	54	2,014	676
Arrochar	50	—	8	3	309	283
Garelochhead	50	—	23	13	482	173
Balloch	49	48	132	102	1,147	239
TOTALS	692	586	2,283	2,443	16,759	7,401

TABLE X.  
DIPHTHERIA IMMUNISATION, 1958.

RETURN FOR PERIOD 1ST JANUARY, 1958, TO 31ST DECEMBER, 1958.

<i>Year of birth of persons.</i>				<i>Number of children who completed a full course of immunisation during the year ended 31/12/58.</i>				<i>Number of mainten- ance inoculations given during the year ended 31/12/58.</i>
1958	...	...	...	272	...	...	...	—
1957	...	...	...	926	...	...	...	—
1956	...	...	...	132	...	...	...	2
1955	...	...	...	39	...	...	...	1
1954	...	...	...	24	...	...	...	7
1953	...	...	...	18	...	...	...	154
1952	...	...	...	16	...	...	...	337
1951	...	...	...	5	...	...	...	101
1950	...	...	...	3	...	...	...	49
1949	...	...	...	1	...	...	...	71
1948	...	...	...	12	...	...	...	348
1947	...	...	...	—	...	...	...	59
1946	...	...	...	2	...	...	...	16
1945	...	...	...	—	...	...	...	—
1944	...	...	...	—	...	...	...	—
1943 or earlier	...	...	...	—	...	...	...	—
TOTAL				<u>1450</u>				<u>1145</u>

TABLE XI.—VACCINATION AGAINST SMALLPOX, 1958

RETURN FOR PERIOD 1ST JANUARY, 1958, TO 31ST DECEMBER, 1958

Year of birth of persons	NUMBER OF PERSONS PRIMARILY VACCINATED DURING PERIOD				NUMBER OF PERSONS RE-VACCINATED DURING PERIOD			
	Typical vaccinia greatest at 7th-10th day*	Accelerated (vaccinoid) reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction	Typical vaccinia greatest at 7th-10th day	Accelerated (vaccinoid) reaction 5th-7th day	Reaction greatest at 2nd-3rd day	No local reaction
1958	383	—	—	37	2	—	—	—
1957	178	—	—	23	—	—	—	—
1956	49	—	—	3	—	—	—	2
1955	30	—	—	—	1	1	1	—
1954	13	—	—	1	2	1	1	1
1953	14	—	—	—	1	—	3	1
1952	9	—	—	—	4	—	—	1
1951	5	—	—	—	—	—	2	1
1950	3	—	—	—	1	—	—	—
1949	2	—	—	—	1	—	—	1
1948	3	—	—	—	5	—	2	—
1947	1	—	—	—	2	1	2	2
1946	2	—	—	—	3	2	—	—
1945	2	—	—	—	3	1	1	—
1944	—	—	—	—	2	1	1	—
1943 or earlier	58	—	1	3	82	59	99	23
TOTALS	752	—	1	67	109	66	112	32

TABLE XII.—TUBERCULOSIS—STATISTICAL RETURNS, 1958

## PART I.—RESPIRATORY TUBERCULOSIS

I.—NUMBER OF CASES FORMALLY NOTIFIED FOR THE FIRST TIME OR REGARDED AS NOTIFIED FROM 1ST JANUARY, 195 TO 31ST DECEMBER, 195

	AGE-GROUPS									Total
	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	
Males ... ..	1	3	7	21	14	8	7	8	5	74
Females ... ..	1	2	4	16	15	13	3	—	1	55
Total ... ..	2	5	11	37	29	21	10	8	6	129

II.—NUMBER OF CASES CONFIRMED TO BE SUFFERING FROM ACTIVE RESPIRATORY TUBERCULOSIS DURING THE YEAR

	AGE-GROUPS									Total
	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	
Males ... ..	1	3	6	21	13	8	7	8	5	72
Females ... ..	1	2	4	16	14	13	3	—	1	54
Total ... ..	2	5	10	37	27	21	10	8	6	126

III.—NUMBER OF NEW CASES IN TABLE II ADMITTED TO HOSPITAL FOR TUBERCULOSIS TREATMENT FOR THE FIRST TIME DURING THE YEAR

	AGE-GROUPS			
	Under 15	15 and under 45	45 and over	Total
Males ... ..	9	40	19	68
Females ... ..	5	35	2	42
Total ... ..	14	75	21	110

## HOSPITAL ADMISSIONS AND DISCHARGES (RESPIRATORY TUBERCULOSIS)

IV.—NUMBER OF PATIENTS ADMITTED TO, DISCHARGED FROM OR DYING IN TUBERCULOSIS HOSPITALS, SANATORIA OR WARDS IN OTHER HOSPITALS RESERVED FOR THE TREATMENT OF THE TUBERCULOUS

Age-Groups	Sex	In Hospital on January 1	Admitted during year	Discharged during year	Died in Hospital	In Hospital on December 31
Under 15 ... ..	Males	2	17	11	—	8
	Females	5	18	18	—	5
15-44 ... ..	Males	19	75	64	—	30
	Females	34	62	67	1	28
45 and over ...	Males	14	42	30	3	23
	Females	2	10	7	1	4
Total ... ..		76	224	197	5	98

V.—NUMBER OF PATIENTS DYING FROM RESPIRATORY TUBERCULOSIS IN HOSPITAL ACCOMMODATION OTHER THAN THAT RESERVED FOR TUBERCULOUS PATIENTS

## PART II.—NON-RESPIRATORY TUBERCULOSIS

\*VI.—NUMBER OF CASES FORMALLY NOTIFIED FOR THE FIRST TIME OR REGARDED AS NOTIFIED AS SUFFERING FROM NON-RESPIRATORY TUBERCULOSIS DURING THE YEAR 1958.

	AGE-GROUPS									Total
	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and upwards	
Males ... ..	—	1	1	—	—	1	1	1	—	5
Females ... ..	—	—	3	1	1	1	—	2	1	9
Total ... ..	—	1	4	1	1	2	1	3	1	14

## PART III.—ANALYSIS OF TUBERCULOSIS DEATHS

VII.—NUMBER OF PERSONS WHO DIED FROM TUBERCULOSIS IN THE AREA DURING THE YEAR WITH THE PERIOD ELAPSING BETWEEN NOTIFICATION OR INTIMATION AND DEATH

	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Number of persons who died from Tuberculosis of whom— Not notified or notified only at or after death ... ..	—	1	—	—
Notified less than 1 month before death ... ..	—	—	—	—
Notified from 1 to 3 months before death ... ..	—	—	—	—
Notified from 3 to 6 months before death ... ..	—	—	—	—
Notified from 6 to 12 months before death ... ..	—	—	—	—
Notified from 1 to 2 years before death ... ..	1	—	—	—
Notified over 2 years before death ... ..	5	2	—	—
Total* ... ..	6	3	—	—

## PART IV.—THE TUBERCULOSIS REGISTER

VIII.—RETURN OF NUMBER OF PERSONS RESIDENT IN THE AREA AT 31ST DECEMBER, 195 , WHO WERE KNOWN TO BE SUFFERING FROM TUBERCULOSIS

(Only cases in which a diagnosis of Tuberculosis has been confirmed are included. Persons in sanatoria, etc., are included in the figures for the area in which they have their home residence.)

Form	Sex	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and under	Total
1 Respiratory	Males	—	3	28	113	143	124	99	60	32	602
	Females	—	3	32	128	176	120	42	17	9	527
2 Non-Respiratory	Males	—	1	19	27	22	11	10	3	3	96
	Females	—	—	12	39	27	23	6	6	7	120

TABLE XIII  
ADMISSION TO HOMES, etc.

(a) ARDGARE CONVALESCENT HOME, SHANDON

No. of Children in residence at 1/1/58	...	...	...	...	19
No. of Children admitted during 1958	...	...	...	...	76
No. of Children discharged during 1958	...	...	...	...	85
No. of Children in residence at 31/12/58	...	...	...	...	10

*Causes of Reference:—*

General Debility	...	...	...	...	...	...	...	36
Bronchitis & Asthma	...	...	...	...	...	...	...	19
Children Act	...	...	...	...	...	...	...	10
Others	...	...	...	...	...	...	...	12
								—
								76
								—

(b) CARDROSS PARK HOME, CARDROSS

No. of Children in residence at 1/1/58	...	...	...	...	1
No. of Children admitted during 1958	...	...	...	...	1
No. of Children discharged during 1958	...	...	...	...	2
No. of Children in residence at 31/12/58	...	...	...	...	Nil.

*Causes of Reference:—*

General Debility	...	...	...	...	...	...	...	1
								—
								1
								—

(c) EASTPARK HOME

No. of Children in residence at 1/1/58	...	...	...	...	1
No. of Children admitted during 1958	...	...	...	...	1
No. of Children discharged during 1958	...	...	...	...	1
No. of Children in residence at 31/12/58	...	...	...	...	1

(d) WESTERTON OF MUGDOCK

No. of Children in residence at 1/1/58	...	...	...	...	1
No. of Children admitted during 1958	...	...	...	...	Nil.
No. of Children discharged during 1958	...	...	...	...	Nil.
No. of Children in residence at 31/12/58	...	...	...	...	1

(e) CROSSLET HOUSE

No. of Children in residence at 1/1/58	...	...	...	...	1
No. of Children admitted during 1958	...	...	...	...	5
No. of Children discharged during 1958	...	...	...	...	5
No. of Children in residence at 31/12/58	...	...	...	...	1

*Causes of Reference:—*

B.C.G. Vaccination	...	...	...	...	...	...	...	4
Others	...	...	...	...	...	...	...	1
								—
								5
								—

## B.C.G. VACCINATION, 1958

Return for period 1st January, 1958 to 31st December, 1958

	Tuberculin Tested		Negative Re-Actors		Vaccinated during 1958	
	M.	F.	M.	F.	M.	F.
(1) Nurses ... ..	18	32	—	8	—	2
(2) Medical Students ...	—	—	—	—	—	—
(3) Contacts ... ..	76	73	67	63	67	63
(4) Special Groups not included in (1) to (3) above:-						
(a) School leavers ...	55	66	39	47	36	46
(b) New born babies ...	—	—	—	—	—	—
(5) Others ... ..	68	91	66	81	66	80

TABLE XIV.—SHOWING THE NUMBER OF CASES OF INFECTIOUS DISEASE OCCURRING IN HOUSES OF DIFFERENT SIZES, ETC., IN 1958

Disease	Number of Apartments						Cases occurring in					Total No. of Cases
	1	2	3	4	5	Over 5	Institutions	Hotels	Ships	Vans, Sheds or Tents	House-boats	
Cerebro Spinal Fever ...	—	—	—	3	—	—	—	—	—	—	—	3
Dysentery ...	—	3	5	11	10	8	135	—	—	—	—	172
Encephalitis Lethargica ...	—	—	—	1	—	—	—	—	—	—	—	—
Erysipelas ...	—	1	—	1	—	—	—	—	—	—	—	2
Food Poisoning ...	—	2	9	1	—	—	1	—	—	—	—	13
Jaundice, Acute Infective ...	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia, Acute Influenzal ...	—	—	—	—	1	—	—	—	—	—	—	1
Pneumonia, Acute Primary ...	3	13	25	20	3	3	1	—	—	—	—	68
Poliomyelitis, Acute ...	1	—	2	4	1	—	—	—	—	—	—	8
Scarlet Fever ...	—	19	24	33	9	3	—	—	—	—	—	88
Para-Typhoid B. ...	—	1	—	1	2	1	—	—	—	—	—	5
Whooping Cough ...	—	3	4	8	2	—	—	—	—	—	—	17
TOTAL ...	4	42	69	83	28	15	137	—	—	—	—	378

TABLE XV.—RETURN OF CASES (EXCLUDING TUBERCULOSIS) NOTIFIED FROM 1ST JANUARY, 1958, TO 31ST DECEMBER, 1958

DISEASE	NUMBER OF CASES COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH AND ACCEPTED BY HIM AS SUFFERING FROM THE STATED DISEASE										
	At all ages	At age—Years								Cases removed to hospital	Cases not removed to hospital
		Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards		
	1	2	3	4	5	6	7	8	9	10	11
CEREBRO-SPINAL FEVER ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	3	—	1	2	—	—	—	—	—	3	—
CHICKENPOX ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
CHOLERA ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
CONTINUED FEVER ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
DIPHTHERIA ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
DYSENTERY ... .. M	81	1	4	9	1	2	7	33	24	69	12
... .. F	91	1	3	6	2	5	8	31	35	2	89
ENCEPHALITIS LETHARGICA ... .. M	1	—	—	—	—	—	—	1	—	1	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
ERYSIPELAS ... .. M	1	—	—	—	—	—	—	1	—	1	—
... .. F	1	—	—	—	—	—	—	—	1	—	1
JAUNDICE, ACUTE INFECTIVE ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
LEPROSY ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
MALARIA ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
MEASLES ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
OPHTHALMIA NEONATORUM ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
PLAGUE ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
PNEUMONIA, ACUTE INFLUENZAL ... .. M	1	—	—	—	—	—	—	1	—	—	1
... .. F	—	—	—	—	—	—	—	1	—	—	—
PNEUMONIA, ACUTE PRIMARY ... .. M	36	4	5	—	1	4	2	9	11	30	6
... .. F	32	2	3	3	3	1	4	8	8	20	12
PNEUMONIA (not otherwise notifiable) ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
POLIOMYELITIS, ACUTE ... .. M	6	—	2	4	—	—	—	—	—	6	—
... .. F	2	—	—	1	—	—	1	—	—	2	—
PUERPERAL FEVER ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
PUERPERAL PYREXIA ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
SCARLET FEVER ... .. M	42	—	17	21	2	—	—	2	—	25	17
... .. F	46	—	15	30	1	—	—	—	—	21	25
SMALLPOX ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
TYPHOID FEVER ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
PARA-TYPHOID A ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
PARA-TYPHOID B ... .. M	1	—	—	1	—	—	—	—	—	1	—
... .. F	4	—	2	1	—	—	—	1	—	3	1
TYPHUS FEVER ... .. M	—	—	—	—	—	—	—	—	—	—	—
... .. F	—	—	—	—	—	—	—	—	—	—	—
WHOOPING-COUGH ... .. M	4	1	2	1	—	—	—	—	—	—	4
... .. F	13	2	7	3	1	—	—	—	—	—	13
FOOD POISONING ... .. M	8	1	2	2	—	2	—	1	—	7	1
... .. F	5	—	1	3	—	1	—	—	—	—	5
TOTAL ... .. M	180	7	32	38	4	8	9	48	35	140	41
... .. F	198	5	32	49	7	7	13	41	44	51	146



TABLE XVI.—CASES OF INFECTIOUS DISEASE COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER DURING 1958

AREA	Cerebro-Spinal Fever	Dysentery	Erysipilas	Food Poisoning	Jaundice, Acute Infective	Pneumonia, Acute Influenzal	Pneumonia, Acute Primary	Polio-myelitis, Acute	Scarlet Fever	Para-Typhoid B	Whooping Cough	Encephalitis Lethargica	Totals
Arrochar ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Bonhill ... ..	1	1	—	—	—	20	1	—	21	1	—	—	45
Cardross ... ..	—	—	—	—	—	8	—	—	—	—	2	—	10
Cumbernauld ... ..	—	—	1	—	—	7	—	—	17	—	—	—	25
Helensburgh ... ..	1	—	—	—	—	3	1	—	2	2	—	—	9
Kilcreggan ... ..	—	—	—	—	—	3	—	—	1	—	—	—	4
Kilmarnock ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Kilpatrick, East ... ..	—	—	—	—	—	—	—	—	20	1	—	1	22
Kilpatrick, West ... ..	1	2	1	—	—	14	3	—	3	—	2	—	27
Kirkintilloch (Burgh) ... ..	—	32	—	5	—	9	—	—	6	—	7	—	59
Kirkintilloch (Landward) ... ..	—	136	—	8	—	3	—	—	5	—	2	—	154
Luss ... ..	—	—	—	—	—	—	2	—	—	—	—	—	2
Milngavie ... ..	—	—	—	—	—	—	1	—	11	—	4	—	16
Rosneath ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Rhu ... ..	—	1	—	—	—	1	—	—	2	1	—	—	5
Totals ... ..	3	172	2	13	—	1	68	8	88	5	17	1	378
Removed to Hospital ... ..	3	18	—	—	—	—	54	8	46	5	—	—	135

TABLE XVII.

## I. CARE OF MOTHERS AND YOUNG CHILDREN

- (i) ANTE-NATAL AND POST-NATAL SERVICE—Nil.  
(ii) CHILD WELFARE CLINICS.

	No. of clinics* provided at end of year	No. of children attending the clinics during year and who on the date of their first attendance this year were:		Total No. of attendances made during year by children who at the time of attendance were:	
		Under 1 year of age	Over 1 year of age	Under 1 year of age	Over 1 year of age
(1)	(2)	(3)	(4)	(5)	(6)
Local Health Authority Clinics	16	2,283	2,443	16,759	7,401
Clinics provided by Voluntary Organisation ... ..	—	—	—	—	—

\* "Clinics" means Clinic premises, not sessions.

TABLE XVIII

## (iii) DENTAL CARE

	No. inspected by Dental Officers during the year	No. found to require treatment during the year	No. accepting treatment during the year	No. actually treated by Dental Officers during the year
(1)	(2)	(3)	(4)	(5)
Expectant Mothers -	63	61	61	61
Nursing Mothers -	155	152	152	152
Pre-school Children	491	408	406	406

TABLE XIX.

## (iv) MOTHER AND BABY HOMES

	Number of Beds		Number of cots
	Ante-natal	Post-natal	
(1)	(2)	(3)	(4)
HOMES OR HOSTELS PROVIDED BY THE AUTHORITY	Nil	Nil	Nil
HOMES OR HOSTELS PROVIDED BY VOLUNTARY ORGANISATIONS— "Homeland," Salvation Army Home, Great Western Road, Glasgow	12	53	33

TABLE XX.

(v) DAY NURSERIES (including 24-hour nurseries) as at end of year

	State whether Approved for training	No. of Approved places		No. of children on register at end of year		Average daily attendances during year		Waiting Lists at end of year	
		0-2	2-5	0-2	2-5	0-2	2-5	0-2	2-5
NURSERIES PROVIDED BY THE AUTHORITY— Helensburgh Day Nursery, 101 East King St., Helensburgh ... ..	Yes	16	18	18	22	14	20	10	8
Alexandria Day Nursery, Ferryfield, Bank St., Alexandria ... ..	Yes	17	47	18	46	11	31	47	112

TABLE XXI.

(vi) RESIDENTIAL NURSERIES AND CHILDREN'S HOMES provided as part of the Authority's arrangements under Sections 22 and 27 of the National Health Service (Scotland) Act, 1947.

Name and Address of Nursery or Home	Whether provided by Authority or by Voluntary Organisation	No. of Beds provided at end of year for children		
		Aged 0-2	Aged 2-5	Others
(1)	(2)	(3)	(4)	(5)
(a) Section 22	—	—	—	—
(b) Section 27 Ardgare Convalescent Home, Shandon, by Helensburgh	Authority	—	—	5-15 yrs. 25

(vii) NURSERIES AND CHILD MINDERS REGULATION ACT, 1948—Nil.

TABLE XXII.

## II. MIDWIFERY.

- (i) Total No. of births occurring in the area during year—that is before correction for mother's residence:—  
Live Births, 1370. Still Births, 35. Total, 1405.
- (ii) Total No. of births in (i) occurring in institutions (including private maternity homes) 657.
- (iii) No. of births in (i) occurring at home:—  
Live, 745. Still, 3. Total, 748.
- (iv) No. of births in (iii) classified to show nature of attendance at birth:—

	Cases dealt with under Section 23 (2) of the National Health Service (Scotland) Act, 1947*			Other domiciliary cases				Total
	Doctor engaged and present at confinement	Doctor engaged and not present at confinement	Midwife alone (no doctor engaged)	Doctor and midwife engaged	Midwife alone (no doctor engaged)	Without doctor or midwife	All other cases	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
(a) Midwives employed by the Authority (including those engaged on a fee-per-case basis) ...	169	569	—	—	—	—	—	738
(b) Midwives employed by Voluntary Organisations under arrangements made by the Authority ...	—	—	—	—	—	—	—	—
(c) Midwives employed by Hospital Boards of Management under arrangements made by the Authority with the Regional Hospital Board ...	—	—	—	—	—	—	—	—
(d) Private practising midwives ...	—	—	—	10	—	—	—	10
(e) Other cases not classified above ...	—	—	—	—	—	—	—	—
(f) TOTALS ...	169	569	—	10	—	—	—	748

\* Including those cases in which no prior arrangements had been made for the confinement, but where midwifery services were provided by the Local Health Authority free of charge. Columns (5) and (6) include only those cases attended privately, the mother being responsible for the midwife's fee.

Emergency cases under Section 14 (2) of the Midwives (Scotland) Act, 1951, are not included in the cases in which a doctor has been engaged.

## (v) Medical Aid

(a) No. of cases in which medical aid was summoned during the year by a midwife and a fee was payable by the Local Health Authority under Section 14 (2) of the Midwives (Scotland) Act, 1951 ...	Nil
(b) No. of cases in which medical aid was summoned during the year by a midwife where the Medical Practitioner had agreed to provide the patient with maternity medical services under the National Health Service ( <i>i.e.</i> cases for which no fee was payable by the Local Health Authority) ... ..	41

## (vi) Administration of Analgesics

(a) No. of domiciliary midwives in the area qualified to administer analgesia in accordance with the requirements of the Central Midwives Board for Scotland ( <b>including</b> superintendents, non-medical supervisors of midwives, midwife teachers, midwives employed by the local health authority and by voluntary organisations, private practising midwives, and hospital midwives undertaking domiciliary cases under arrangements made by the local health authority and the Regional Hospital Board but <b>excluding</b> pupil midwives undergoing training in the district)	Gas and Air	Tri-lene
(i) No. in (a) employed on local health authority work ... ..	26	16
(ii) No. in (a) not employed on local health authority work ...	—	—
(b) No. of domiciliary midwives who received their training during the year ... ..	—	—
(c) No. of sets of Apparatus for the administration of analgesia in use in the area at 31st December, 1958 ... ..	26	—
(i) No. in (c) in use by domiciliary midwives employed on local health authority work (including those in use by hospital midwives undertaking domiciliary cases) ... ..	26	—
(ii) No. in (c) in use by domiciliary midwives not employed on local health authority work ... ..	—	—
(d) No. of cases in which analgesia was administered by midwives in domiciliary practice during the year (including cases attended by hospital midwives undertaking domiciliary cases):—		
(i) When doctor was not present at delivery ... ..	347	—
(ii) When doctor was present at delivery ... ..	50	—
(e) No. of cases in which pethidine was administered by midwives in domiciliary practice during the year (including cases attended by hospital midwives undertaking domiciliary cases):—		
(i) When doctor was not present at delivery ... ..	283	
(ii) When doctor was present at delivery ... ..	47	

(vii) No. of Cars in use by midwives at 31st December, 1958 ... .. 24

TABLE XXIII.

## III. HEALTH VISITING

	Visits paid by Health Visitors (or by District Nurses in their capacity as Health Visitors) during the year to										Total Visits Paid
	Expectant Mothers <sup>P</sup>		Children under 1 year of age		Children between the age of 1 and 5		Tuberculosis cases		Other cases.		
	No. Visited	Total Visits	No. Visited	Total Visits	No. Visited	Total Visits	No. Visited	Total Visits	No. Visited	Total Visits	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Health Visitors employed by the Authority ... ..	116	254	2,794	11,454	3,585	10,588	302	804	2,030	7,067	30,167
Health Visitors employed by Voluntary Organisations ... ..	—	—	—	—	—	—	—	—	—	—	—

TABLE XXIV.

## IV. HOME NURSING

(1)	No. of Cases attended by Home Nurses (or by District Nurses in their capacity as Home Nurses) under arrangements made under this Section	No. of Visits paid by Nurses to these Cases
(1)	(2)	(3)
Home Nurses employed directly by the Authority	3,715 (1,049)	62,590 (27,164)
Home Nurses employed by Voluntary Organisations under arrangements made by the Authority ... ..	—	—

Elderly patients (*e.g.*, those aged 65 or over) are included and also shown separately in the brackets.

TABLE XXV.

## V. DOMESTIC HELP

(i) No. of Domestic Helps employed at end of year ... ..	225
(a) whole-time ... ..	4
(b) part-time ... ..	218
(c) Retaining fee basis ... ..	3
(ii) No. of cases for which Helps were provided during year ...	795
(iii) No. of cases in (ii) provided on account of confinement:—	
(a) at home ... ..	131
(b) in hospital ... ..	39
(iv) No. of cases in (ii) provided on account of chronic sick including aged and infirm ... ..	473

D VI. DOMICILIARY MIDWIFERY AND LOCAL HEALTH AUTHORITY NURSING SERVICES

TABLE XXVI.

Staff in post at 31st December, 1958

(i) Domiciliary Midwifery Service

	Directly employed by Local Health Authority		Employed by Voluntary Organisations, including District Nursing Associations		Employed by Hospitals on Domiciliary Cases under arrangements between Regional Hospital Board and Local Health Authority	
	Whole-time	Part-time	Whole-time	Part-time	Whole-time	Part-time
Midwives (not undertaking Home Nursing or Health Visitor duties) employed in the following categories:—						
Non-Medical Supervisors and Assistant Non-Medical Supervisors of Midwives (see Note) ... ..	—	—	—	—	—	—
Superintendents or Sisters-in-charge of District Midwives' Homes (see Note) ... ..	—	—	—	—	—	—
Midwives ... ..	4	—	—	—	—	—
Private practising Midwives ... ..	—	1	—	—	—	—
Total ... ..	4	1	—	—	—	—

MIDWIVES IN THE AREA WHO ARE NOT EMPLOYED ON LOCAL HEALTH AUTHORITY WORK—Private practising Midwives (not shown above)—Nil.

TABLE XXVII.

## (ii) Home Nursing Service

Nurses (not undertaking Midwifery or Health Visitor duties) employed in the following categories:—	Directly employed by Local Health Authority	
	Whole-time	Part-time
Superintendents or Sisters-in-charge of Nurses' Homes ... ..	—	—
State Registered Nurses ... ..	—	2
Home Nurses		
Enrolled Assistant Nurses ... ..	—	—
Others employed on nursing duties ... ..	—	—
Total ... ..	—	2

TABLE XXVIII.

## (iii) HEALTH VISITING SERVICE

Health Visitors and other Public Health Nurses (not undertaking Midwifery or Home Nursing duties) employed in the following categories:—	No. Employed		No. holding Health Visitor Certificate
	Whole-time	Part-time	
Superintendents ... ..	—	—	—
Health Visitor Tutors ... ..	—	—	—
Health Visitors not undertaking tuberculosis or school health work ... ..	—	—	—
Health Visitors and Tuberculosis Visitors employed solely on tuberculosis work ... ..	—	—	—
Health Visitors and Nurses employed solely on school health work ... ..	5	—	2
Health Visitors employed on all duties, including tuberculosis and school health work ... ..	18	1	12
Nurses employed solely at Local Health Authority Clinics	—	—	—
Other Local Health Authority Nurses ... ..	—	—	—
Total ... ..	23	1	14

TABLE XXIX.

## (iv) COMBINED DUTIES IN MIDWIFERY, HOME NURSING AND HEALTH VISITING SERVICES.

Nurses and Midwives on combined duties in the Midwifery, Home Nursing and Health Visiting Services employed in the following categories:—	Directly employed by Local Health Authority		Employed by Voluntary Organisations including District Nursing Associations		No. holding Health Visitor Certificate
	Whole-time	Part-time	Whole-time	Part-time	
Superintendent (or Chief) Nursing Officers ... ..	*1	—	—	—	1
Non-Medical Supervisors and Assistant Non-Medical Supervisors of Midwives (see Note) ... ..	—	—	—	—	—
Superintendents or Sisters-in-charge of District Nurses' Homes (see Note) ... ..	—	—	—	—	—
Nurses and Midwives employed on:—					
Midwifery, Health Visiting and Home Nursing duties	7	—	—	—	1
Midwifery and Home Nursing duties ... ..	14	—	—	—	—
Midwifery and Health Visiting duties ... ..	—	—	—	—	—
Health Visiting and Home Nursing duties ... ..	—	—	—	—	—
Total ... ..	22	—	—	—	2

\*Also acts as Supervisor of Midwives.

(v) Day Nurseries, Residential Nurseries and Children's Homes provided under Sections 22 and 27 of the National Health Service (Scotland) Act, 1947.

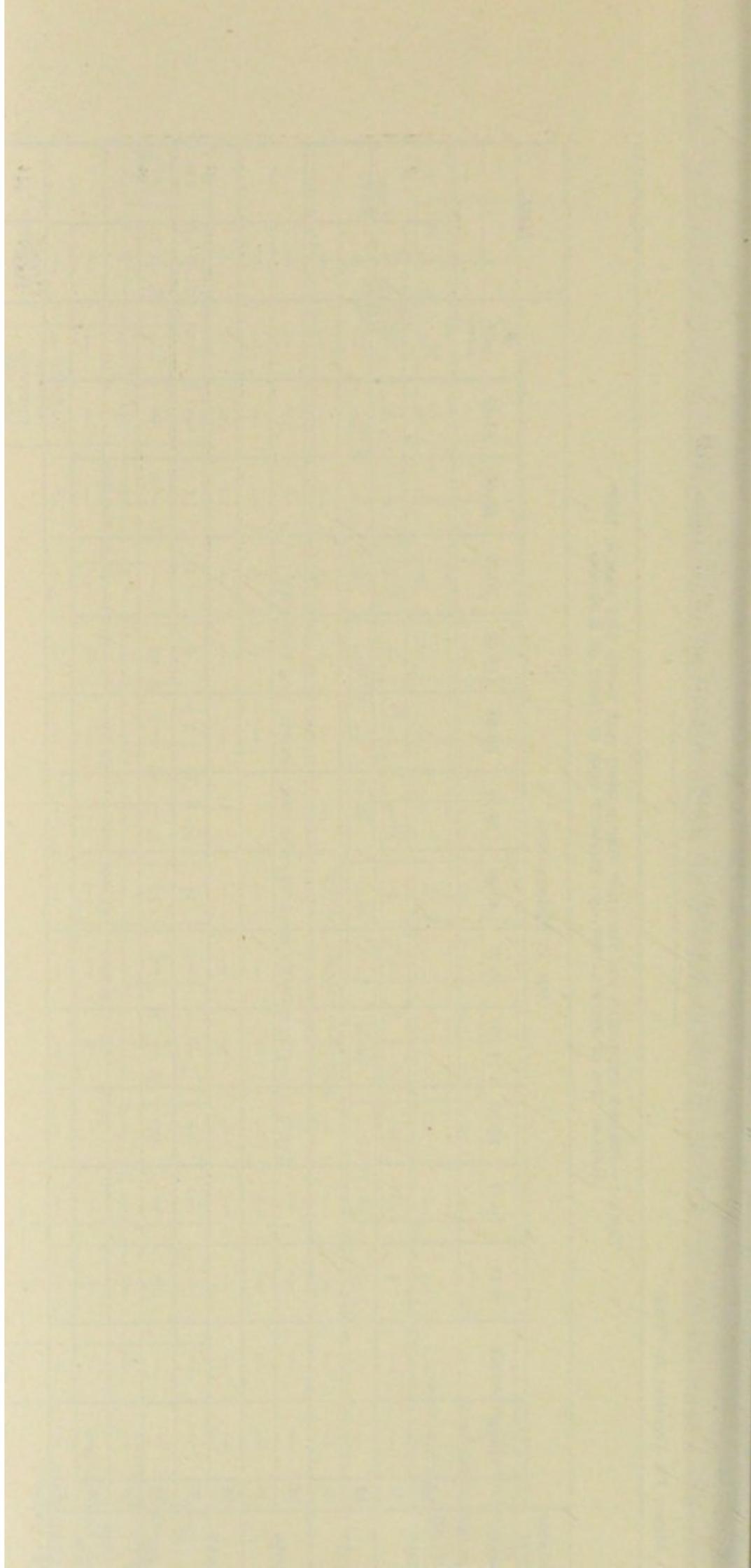
	Employed in Day Nurseries		Section 22 Employed in Residential Nurseries and Children's Homes		Section 27 Employed in Residential Homes	
	Whole-time	Part-time	Whole-time	Part-time	Whole-time	Part-time
Matrons { State registered (R.G.N., R.S.C.N., or R.F.N.) ...	2	—	—	—	1	—
Others { ... ..	—	—	—	—	—	—
Deputy Matrons { State registered (R.G.N., R.S.C.N., or R.F.N.)	—	—	—	—	—	—
Others { ... ..	1	—	—	—	—	—
Certificated Nursery Nurses ... ..	7	—	—	—	—	—
Enrolled Assistant Nurses ... ..	—	—	—	—	—	—
Nursery Students in Training ... ..	13	—	—	—	—	—
Other Staff { State registered (R.G.N., R.S.C.N., or R.F.N.) ...	1	—	—	—	1	—
(excluding Not State registered (Playmistresses, Nursery Assistants, Helpers, &c.) ... ..	—	—	—	—	—	—
Total ... ..	24	—	—	—	2	—

TABLE XXXIII.—HOUSING PROGRESS REPORT

*Houses completed during the Year 1958.*

	Traditional	Non-traditional	Agri-cultural	Recon-struction	Total
Milton ...	—	Blackburn 12	—	—	12
Castlecary (Weirs Bldgs.)	—	—	—	4	4
Alexandria (Tullichewan)	—	Bellstone 32	—	—	32
Old Kilpatrick	—	Bellstone 8	—	—	8
Milton (Collins Land)	—	—	—	8	8
Haldane ...	—	Blackburn 113	—	—	113
Total	Nil.	165	Nil.	12	177







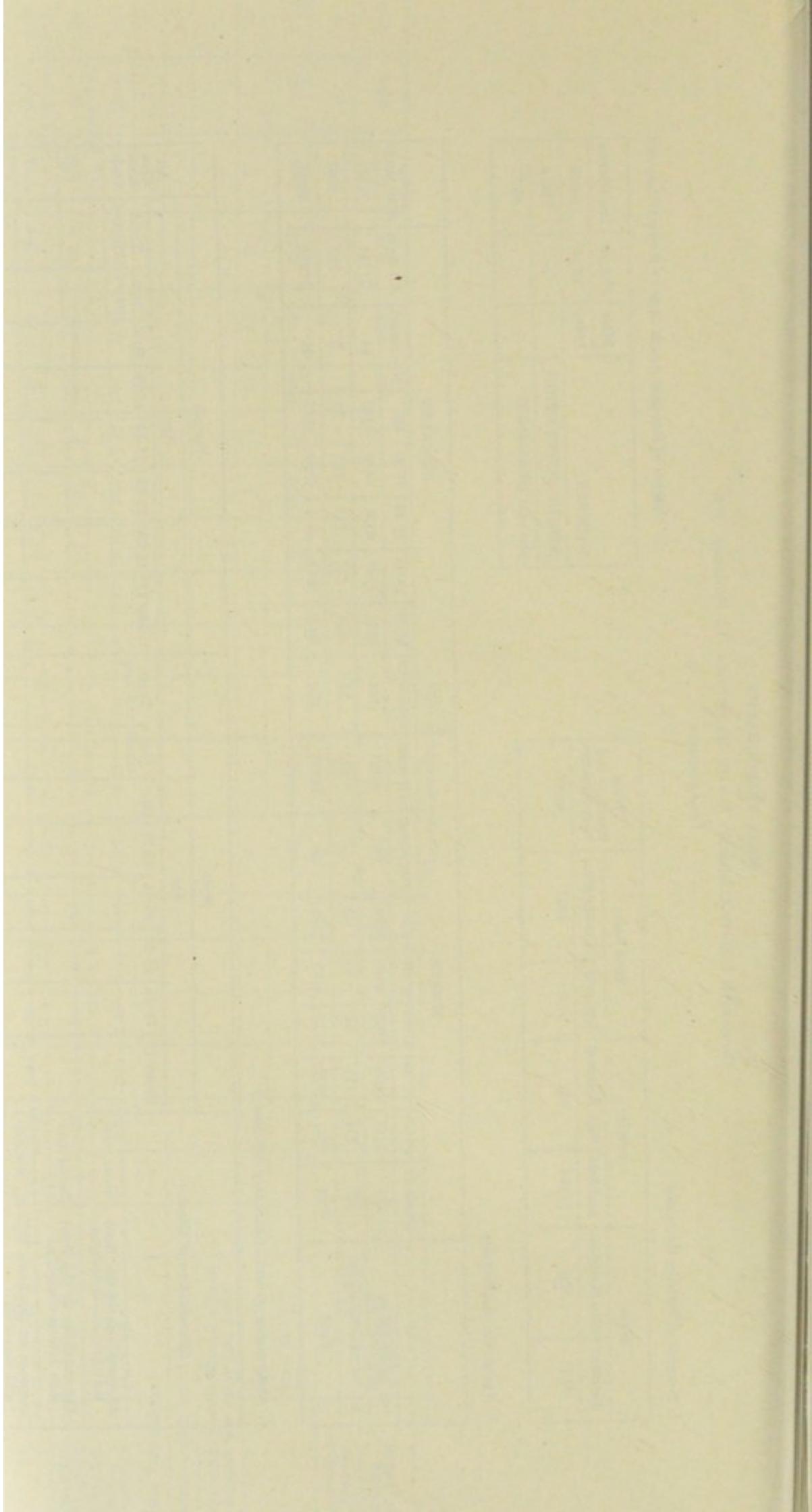


TABLE 34.  
CLOSURE OR DEMOLITION OF HOUSES

## BONHILL

*Closing Orders—*

<i>Situation of Property</i>	<i>No. of Houses</i>	<i>Apartments</i>			
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
319 Main Street, Alexandria ... ..	1	1	—	—	—
173 Main Street, Jamestown ... ..	1	—	1	—	—
253 Main Street, Alexandria ... ..	1	1	—	—	—
257 Main Street, Bonhill ... ..	3	1	2	—	—
297 Main Street, Bonhill ... ..	1	—	1	—	—
343 Main Street, Bonhill ... ..	1	—	1	—	—
345 Main Street, Bonhill ... ..	1	—	1	—	—
357 Main Street, Bonhill ... ..	1	—	1	—	—
359 Main Street, Bonhill ... ..	1	—	1	—	—
21 Main Street, Bonhill ... ..	1	—	1	—	—
25A Burnside Crescent, Jamestown ... ..	1	—	1	—	—

*Demolition Orders—*

27 Main Street, Bonhill ... ..	1	—	1	—	—
31 Main Street, Bonhill ... ..	1	—	—	1	—
	<u>15</u>	<u>3</u>	<u>11</u>	<u>1</u>	<u>—</u>

## RENTON

*Closing Orders—*

<i>Situation of Property</i>	<i>No. of Houses</i>	<i>Apartments</i>			
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
27 Station Street, Renton ... ..	1	—	1	—	—
4 Station Street, Renton ... ..	1	—	1	—	—
6 Station Street, Renton ... ..	1	—	1	—	—
99 Main Street, Renton ... ..	2	—	2	—	—
2 Station Street, Renton ... ..	3	—	1	2	—
1 Carman Road, Renton ... ..	2	—	1	1	—
13 Main Street, Renton ... ..	1	—	1	—	—
38 Stirling Street, Renton ... ..	1	—	1	—	—
18 Hall Street, Renton ... ..	2	—	2	—	—
	<u>14</u>	<u>—</u>	<u>11</u>	<u>3</u>	<u>—</u>

## WEST KILPARTICK

*Closing Orders—*

<i>Situation of Property</i>	<i>No. of Houses</i>	<i>Apartments</i>			
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
7 New East Land, Veitches Court, Duntocher ... ..	1	—	1	—	—
Buchanan's Land, Milton ... ..	2	—	2	—	—
1 Veitches Court, Duntocher ... ..	1	—	1	—	—
Mason's Land, Hardgate ... ..	1	—	—	1	—
49 Dumbarton Road, Bowling ... ..	1	—	—	1	—
51 Dumbarton Road, Bowling ... ..	1	—	—	1	—

*Demolition Orders—*

Blackstock's Land, Dumbuck ... ..	5	1	2	2	—
352 Dumbarton Road, Old Kilpatrick ... ..	6	—	6	—	—
	<u>18</u>	<u>1</u>	<u>12</u>	<u>5</u>	<u>—</u>

## CUMBERNAULD

*Closing Orders—*

<i>Situation of Property</i>	<i>No. of Houses</i>	<i>Apartment:</i>				
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
18 Roadside, Cumbernauld ... ..	1	—	1	—	—	—
20 Roadside, Cumbernauld ... ..	1	—	1	—	—	—
30 The Wynd, Cumbernauld ... ..	1	—	—	—	—	1
8 The Wynd, Cumbernauld ... ..	1	—	—	1	—	—
1 The Wynd, Cumbernauld ... ..	2	—	2	—	—	—
3 Smithyends, Cumbernauld ... ..	1	—	—	1	—	—
2 The Wynd, Cumbernauld ... ..	2	—	2	—	—	—
53 Roadside, Cumbernauld ... ..	1	—	—	1	—	—
Minemouth Cottage, Castlecary ... ..	1	—	1	—	—	—
Quarry Cottage, Castlecary ... ..	1	—	—	—	—	1
69 Roadside, Cumbernauld ... ..	1	—	—	1	—	—
Westerwood Hirst, Castlecary ... ..	2	—	2	—	—	—
10 Smithyends, Cumbernauld ... ..	1	—	1	—	—	—
3/5 Roadside, Cumbernauld ... ..	1	—	—	1	—	—
	<u>17</u>	<u>—</u>	<u>10</u>	<u>5</u>	<u>—</u>	<u>2</u>

## RHU

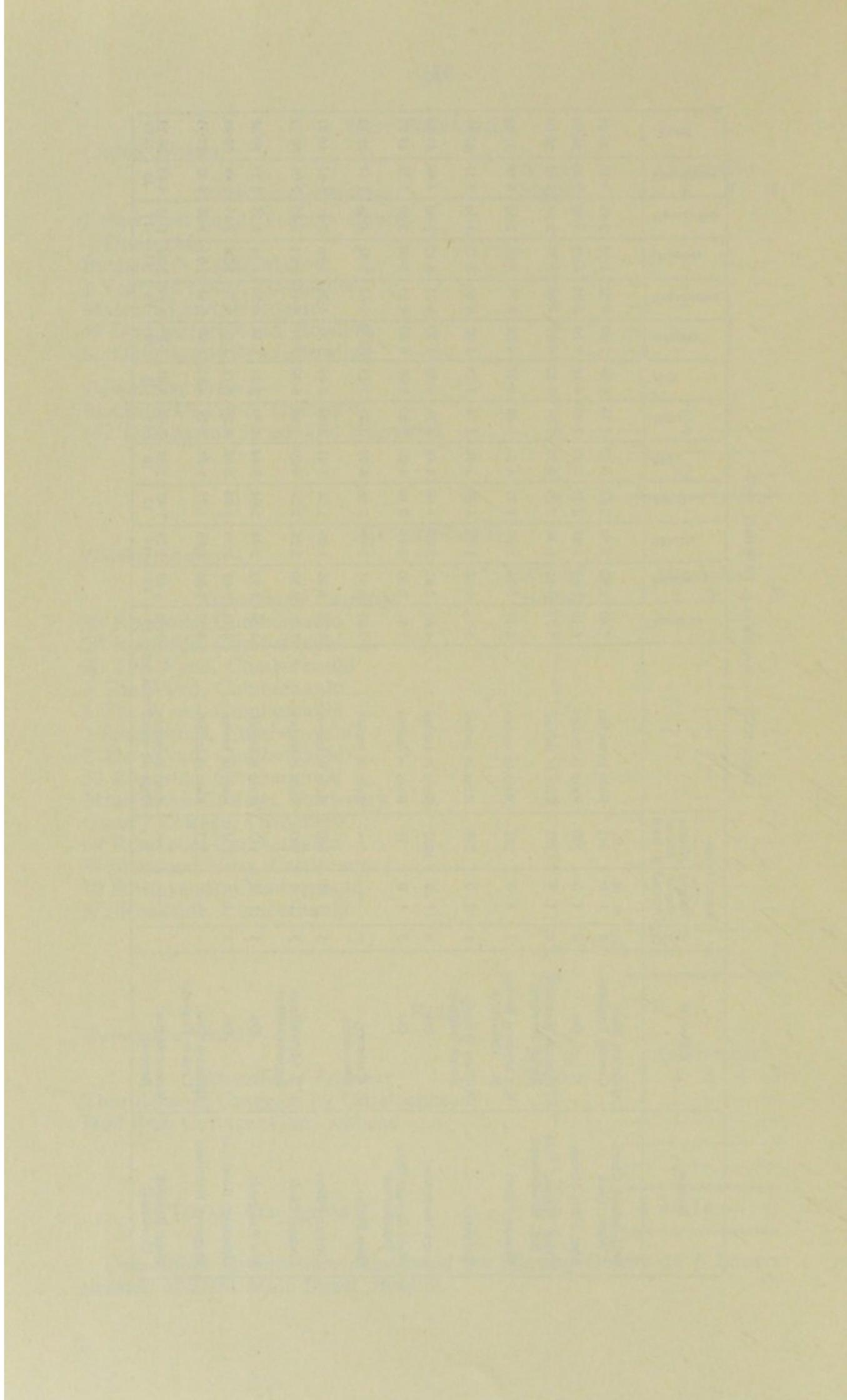
*Demolition Orders—*

<i>Situation of Property</i>	<i>No. of Houses</i>	<i>Apartments</i>				
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Thorniebank, Craggan, by Garelochhead	1	—	1	—	—	—
Hall Brae Cottage, Garelochhead ... ..	1	—	1	—	—	—
	<u>2</u>	<u>—</u>	<u>2</u>	<u>—</u>	<u>—</u>	<u>—</u>
<b>TOTAL ALL AREAS</b> ... ..	<u>66</u>	<u>4</u>	<u>46</u>	<u>14</u>	<u>—</u>	<u>2</u>

Demolition Orders were substituted for Closing Orders on 6 houses situated at 21/31 Main Street, Bonhill.

TABLE XXXV.—RAINFALL DURING 1958

Station	Observer	Rain Gauge			January	February	March	April	May	June	July	August	September	October	November	December	Total
		Diam.	Height above Ground	Height above S. level													
Whistfield, Clear Water Tank ...	Malcolm Ross County Engineer	8	1 0	ft. 342	7.40	2.62	1.50	2.65	5.27	2.76	5.38	7.80	6.02	5.35	2.18	7.38	56.31
Rhu, Filter House ...	Do.	8	1 0	350	6.19	2.64	1.93	2.51	5.32	2.42	6.18	7.10	6.06	6.45	3.06	7.07	56.93
Valve House, Luss Rd., Helensburgh	A. Duncan Romisch, Burgh Surveyor	8	1 0	293	5.37	3.53	1.34	2.04	4.55	3.51	5.52	6.21	4.68	5.31	2.34	5.65	50.05
Renton Filters ...	E. Carberry, Bridge St., Alexandria	8	4 0	292	6.17	2.76	1.69	1.79	4.01	3.48	6.35	6.64	4.71	5.03	2.03	6.48	51.14
Garshake ...	William Wilson, Burgh Engineer	8	1 0	235	5.14	3.16	1.32	1.60	3.08	2.76	5.25	5.02	4.16	2.78	1.50	5.35	41.57
Loch Humphrey	Do.	8	1 0	1052	4.65	2.62	2.00	1.66	3.66	4.39	6.59	5.20	5.31	4.42	2.06	4.88	47.44
Main Sewage Stn., Dumbarton	Do.	5	1 0	11	5.10	2.60	2.14	2.10	4.00	3.80	5.05	6.30	4.15	5.10	2.00	5.25	47.59
Glen Finlas	E. Carberry, Alexandria	-	-	-	7.81	3.91	2.56	3.66	6.79	3.73	7.13	10.32	6.67	7.74	4.38	7.14	71.84
Cochno Filters		5	1 0	400	4.79	3.39	1.09	1.74	3.41	3.79	5.69	5.30	4.26	3.86	2.21	5.32	44.87
Cochno Loch	J. E. McWilliams Superintendent	5	1 0	909	5.61	3.30	2.26	2.20	4.29	3.84	6.30	5.51	4.44	5.91	2.42	5.09	50.72
Jaw Reservoir	Do.	5	1 0	912	4.79	3.52	2.44	2.04	3.94	4.39	6.33	5.38	4.99	5.24	2.55	5.27	50.88
Greenside Reservoir	Do.	5	1 0	875	4.38	3.63	2.39	1.76	3.96	4.21	6.78	5.49	4.37	5.28	2.15	5.49	49.89
Mugdock Reservoir	Malcolm Ross, County Engineer	-	-	325	4.57	2.80	1.85	1.75	3.74	3.29	4.35	4.87	5.41	3.91	2.36	5.32	43.95
Mean Rainfall (Scotland)	Meteorological Reports	-	-	-	3.35 17	2.69 18	2.19 14	1.49 12	2.89 16	2.65 15	5.07 18	3.77 20	3.24 13	2.80 15	1.35 11	4.83 20	36.32 189



COUNTY COUNCIL OF DUNBARTON

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*County Sanitary Inspector  
(Western Area)*

NEIL MACDONALD.

*Depute County Sanitary Inspector  
(Western Area)*

THOMAS MUNN.

*Assistant Sanitary Inspectors*

ROBERT MATHIE.  
THOMAS MACDONALD.  
ROBERT YOUNG.

*Milk Officer*

MARIE MACKENZIE.

*Housing Supervisor*

Mrs. A. STUART.

*Clerical Staff*

EUNICE C. GORDON.  
AGNES KINLOCH.  
FRIEDA LINKLATER.

## REPORT BY SANITARY INSPECTOR IN THE WESTERN AREA.

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PUBLIC HEALTH DEPARTMENT,  
ALEXANDRIA.

LADIES AND GENTLEMEN,

I have pleasure in submitting my report for the year ended 31st December, 1958.

### GENERAL SANITATION

#### WATER SUPPLIES

Water supplies throughout the area have for the most part been plentiful and only two samples were uplifted following complaints received, but both were found to be satisfactory.

Sample No. 1, taken at Gartocraggan, Gartocharn, showed excellent results bacteriologically while chemical analysis showed the sample to be a hard water with no detectable traces of animal matter or sewage. Sample No. 2, taken at Stronafyne Farm, Arrochar, showed the bacteriological analysis to be satisfactory, and chemically the sample contained traces of suspended matter, was colourless and a very soft water with no detectable traces of animal matter or sewage.

The augmentation of the public supply in the Arrochar and Glen Douglas area by the laying of a new main from Loch Sloy is at present under consideration by the Department of Health.

#### DRAINAGE

This department is principally concerned with drainage to private houses and new Housing Developments, the system of public sewers being the function of the County Engineer.

All new drains to private houses and Housing Developments are subject to inspection and test by my Inspectors and a considerable amount of their time is taken up on this work, particularly in Vale of Leven Area.

Defects in drainage found on routine inspection or notified to the department are usually rectified on intimation to the owners, and no continued nuisances were met with in this respect.

#### SEWAGE DISPOSAL

Sewage disposal within the area is entirely the concern of the County Engineer and the disposal plant at Dalmoak continues to function satisfactorily.

During the year the County Council has authorised the installation of a Dano Composting Plant at Dalmoak, as a joint undertaking with Vale of Leven and Renton Special Scavenging District, by which it is hoped to deal with the entire refuse collection from this District together with the sludge output from the Pumping Station. The installation is expected to be in service within the next year.

### RIVERS POLLUTION

Although the Clyde River Purification Board is now in operation and it has been arranged with the Rivers Inspector that this Local Authority continue to do rivers pollution work meantime, no instance of pollution arose during the year.

A letter received from the Scottish Council of National Parks, however, stated that oil pollution was observed near the island of Inchlonaig, Loch Lomond, during the week-end 13th to 15th September. This may have been caused by the increasing number of motor boats on the Loch, but on inspection the pollution was not considered serious and no action was taken.

A sample of water was taken from Caldarvan Loch following a complaint of fish poisoning and the analyst's report is as follows:

"The sample contained no identifiable fish poison and the dissolved oxygen present is ample for the support of fish life. In regard to fish poisoning, however, the alkaline pH Value, while by itself probably not toxic to fish, seems to us to be a suspicious circumstance, for we know of no loch which by natural means is likely to attain an alkaline pH Value of this order. The water contained no excess of lime but bearing in mind that a very common fish poacher's weapon is lime, which increases the pH Value of any water, this fact may not be without significance."

### NUISANCES

During the year 177 intimations were served in terms of Section 19 of the Public Health (Scotland) Act, 1897, on the authors of nuisances, all of which were abated. In addition, 113 nuisances were intimated verbally to owners or factors and duly abated.

### SCHOOLS

During the year the new Primary School at Jamestown was completed and fully occupied, and the one at Cardross is nearing completion.

In inspecting schools ventilation, drainage, and water supply are the items mainly requiring attention and no major alterations were necessary, all schools being found to be well maintained.

## BURIAL GROUNDS

All burial grounds within the area are well maintained by the District Councils and in keeping with requirements.

## COMMON LODGING HOUSES

There are no common lodging houses within the area.

## SCAVENGING

### VALE OF LEVEN AND RENTON SPECIAL DISTRICT

This District includes the villages of Luss, Gartocharn and Croftamie, with an estimated population of 23,500 and the service is operated at an estimated cost of £29,000 for the year ending 15th May, 1959.

Following on a report by the Organisation and Methods consultants, the District Council agreed to the reorganisation of the scavenging service and this is now being tried with one vehicle less than in previous years, the loaders from this vehicle being apportioned to the remaining vehicles. It is hoped by this reorganisation that a saving of approximately £1,000 will be made in maintenance and running costs of the vehicle disposed of.

Delivery of a new Shelvoke and Drewry side-loading freighter was taken during the year to replace the Lewin Compressor previously in operation, and this allowed for the disposal of two former vehicles. Four vehicles are now manned by a driver and five loaders and one by a driver and two loaders, while one is kept in reserve for use in the event of any breakdown. It has been agreed that the old 25 cwt. Ford vehicle be replaced at an early date by a 15 cwt. Ford-Thames vehicle for use jointly by the Scavenging and Lighting Departments.

In October of this year the Assistant Inspector of Lighting and Cleansing retired and has not been replaced, the Council having decided that the Driver/Mechanic be appointed Yard Foreman under my supervision for a trial period of six months.

Tipping operations at Auchencarroch Coup ceased during the year and final resoiling is in progress. It is hoped to terminate the lease of this area of ground as from May next. Infilling at Dalmoak Sand Quarry is also nearing completion and the reopening of Pillanflats Coup will be necessary early in the year.

The District Council had under consideration the purchase of a mechanical street sweeper to replace the present method of hand sweeping, and it is recommended that this be brought into operation at the beginning of next financial year.

### GARELOCH AREA

The scavenging service within the six Special Scavenging Districts in this area is being carried out satisfactorily by three contractors under private contract with the Local Authority at an estimated cost of £4,915 for the year ending 15th May, 1959.

The four refuse tips continue to be utilised for the deposit of refuse, but considerable difficulty has been experienced with regard to Bendarroch Coup, Garelochhead, through fire and consequent smoke nuisance to the inhabitants of Bendarroch Housing Scheme. This coup is situated on War Department ground and it is a condition of the lease that War Department and Royal Naval services in the area be allowed to tip, and as a result the private contractor cannot be held fully responsible for the maintenance of the coup in a satisfactory condition. A suitable alternative site is being sought and it is hoped that the present coup can be closed down and the smoke nuisance eliminated at an early date.

## LIGHTING

### VALE OF LEVEN AND RENTON

The improvement scheme of conversion from gas to electricity still continues throughout this Special District.

During the year the proposed improvement of lighting of Lomond and Carrochan Roads, Balloch, by conversion to sodium discharge lighting was completed. Conversion was also completed on Middleton Street and approach roads thereto and Mitchell Street, Alexandria, and George Street, Bonhill.

In the 5th Development at Mill of Haldane Housing Scheme a further 12 new lamps were brought into service during the year, leaving 5 lighting points of the 37 originally provided for still to be brought into service.

During the year a total of 124 gas lamps were removed and replaced by 108 sodium lamps. With the 12 additional lamps in Haldane Scheme, the number of lamps within the District at the end of 1958 was 1,363; of these, 274 gas lamps remained and 1,089 electric lamps were in use.

The staff engaged in maintenance now totals 9, the Assistant Inspector of Lighting having recently retired from the service.

Malicious damage to street lamps continues in various parts of the District, particularly in the Dalvait Road area, Jamestown. The eastern half of Dalvait Road has, on several occasions, been left unlit for periods of approximately one month due to wanton damage, and it has been found that on replacement the lamps are immediately subjected to the same treatment, and even special police patrolling is unable to cope with the culprits.

The estimated cost of the administration of lighting services for the year 1958/59 is £14,985.

### GARELOCH SPECIAL LIGHTING DISTRICT

Lighting within the Gareloch Special District is still carried out by private contract and maintenance continues satisfactorily. Twice-

weekly inspections are made under the Conditions of Contract and faulty or damaged lamps are replaced.

In connection with a proposal to improve Main Road lighting throughout the area, plans have been prepared for the lighting of Main Road, Rhu, involving the installation of 32 new 200 watt tungsten lamps at 17-ft. mounting height, and supplementary lighting in Side Roads by the provision of 46 additional 100-watt tungsten lamps. Six additional lamps are proposed in Garelochhead district, 1 in Clynder and 11 in the Arrochar area.

Three additional lights were provided during the year in Muirend Estate, Cardross.

The estimated cost of the administration of lighting services for the year 1958/59 is £2,500.

<i>District.</i>	<i>No. of Lighting Points.</i>	<i>Method</i>	
		<i>Gas.</i>	<i>Electricity.</i>
Vale of Leven and Renton ...	1363	274	1089
Luss ...	13	—	13
Gartocharn ...	18	—	18
Croftamie ...	18	—	18
Cardross ...	93	—	93
Craigendoran ...	44	—	44
Rhu ...	38	—	38
Garelochhead ...	60	—	60
Rosneath ...	34	—	34
Arrochar and Tarbet ...	35	—	35

### PUBLIC CONVENIENCES

The arrangements made during the year for public conveniences to be closed between the hours of 11 p.m. and 7 a.m. have reduced the incidence of wanton vandalism, although this is still a source of complaint.

A new shelter and public convenience with waiting-room has been proposed for the Balloch 'Bus Stance area, but no final decision has yet been taken.

The total money collected from public conveniences during the year and submitted to the County Treasurer was £192 0s. 6d.

### BURIALS

No burials were undertaken during the year in terms of Section 50 of the National Assistance Act, 1948.

### OFFENSIVE TRADES

There are no offensive trades within this district.

### FACTORIES ACT, 1937

Table No. 1 shows the number and types of registered factories within the area. Of the total of 214, 104 are mechanical factories, 24 are works of a temporary nature and 39 are non-mechanical factories plus 47 works of a temporary nature.

The factories are inspected at regular intervals and any defects found are normally rectified on intimation to the management without service of Notice.

In all, 50 outworkers are employed, including one employed by a firm of manufacturers in Greenock, and reports are submitted in terms of Section 110 of the Act as required in respect of these. Outworkers premises were inspected and found to be of the standard required.

#### HOUSING (REPAIRS AND RENTS) (SCOTLAND) ACT, 1954 RENT ACT, 1957

The number of applications for Certificates of Disrepair under the above Act has decreased annually, and during the year only 10 applications were received, as compared with 32 in 1957. All 3 applications still under consideration at the end of 1957 were refused.

A detail of the 10 new applications received is as undernoted:—

<i>No. of Applications.</i>	<i>No. Granted.</i>	<i>No. Refused.</i>	<i>No. Withdrawn.</i>	<i>No. under Consideration.</i>
10	4	4	1	1

During the year one application for revocation of a Disrepair Certificate was granted.

#### PREVENTION OF DAMAGE BY PESTS ACT, 1949

During 1958 no recourse to statutory action was necessary as the service is now well known and relatively inexpensive. Owners and occupiers are quick to notify any signs of rats or mice and the infestations are dealt with by warfarin poison. Regular inspections and subsequent treatment are carried out to coups, farms, dockyards and other premises specially liable to infestation. Owners and managers of business premises are found, in general, to be willing to make use of the services offered by the Local Authority.

The following table shows the types of premises dealt with during the year:—

	<i>Type of Property</i>				<i>Total</i>
	<i>Local Authority Properties</i>	<i>Dwelling Houses</i>	<i>Business or Industrial Premises</i>	<i>Agricultural Properties</i>	
No. of properties inspected by the Local Authority during 1958, as a result of notification or otherwise ... ..	222	284	104	212	822
No. of above properties found to be infested by rats or mice ... ..	181	270	58	181	690
No. of above infested properties cleared to the satisfaction of the Local Authority	181	270	58	181	690

## TENTS, VANS, SHEDS AND HOUSEBOATS

The Western area still provides many of the most popular camping and caravan sites, Loch Lomondside being the main attraction. The majority of the families are accommodated within the Luss Estates camping ground at Luss. This site is proving so popular that Luss Estates have under consideration a scheme for the supplementing of the present facilities and hope to have the amenities considerably increased in the early future.

New caravan camping sites have been developed at Drumkinnon Bay, Balloch, Inveruglas, Tarbet, and within the grounds of the former Shandon Hydro and, with the existing Rosneath Castle site, these have been more or less occupied to full capacity during the summer months.

During the year the number of tents and other structures inspected was 503, occupied by 1,356 persons.

## BUILDING REGULATIONS

Table No. 2 shows the number and types of buildings for which plans were submitted and considered for approval.

### HOUSING (SCOTLAND) ACTS, 1950/52

The sum of £2,878 was authorised during the year in respect of Improvement Grants towards the modernisation of 16 houses. A number of applications were under consideration at the end of the year and a steady flow of applications for Grant have resulted since the Act came into operation. This assistance has been an incentive to many house-owners who would not otherwise have undertaken modernisation.

### HOUSING (SCOTLAND) ACT, 1952

Three applications for Grant were received during the year for the provision of houses for members of the agricultural population. All were of Dorran type and were completed during the year at Spittal Farm, Croftamie, Glenmollachan Farm, Luss, and Edentaggart Farm, Luss.

### HOUSING OF SEASONAL WORKERS

The County Council Bye-laws regulating accommodation for seasonal workers are generally well complied with, although difficulty is still being experienced in prior notification of the arrival of the workers by the employers. Fortunately potato diggers are usually accommodated in the same farms in the area throughout recurring seasons and the general conditions of the premises are well known.

The number of workers accommodated in 10 farms was 239 (140 male and 99 female).

## DISEASES OF ANIMALS (WASTE FOODS) ORDER, 1957

The registered premises of all persons handling waste foods for the feeding of animals and poultry were inspected during the year and the general requirements of the Order found to be complied with.

## FOOD SUPPLY.

MILK AND DAIRIES (SCOTLAND) ACT, 1914  
MILK AND DAIRIES (SCOTLAND) ORDER, 1938

The number of registered producers at the end of the year was 100, detailed as follows: Certified 5, Tuberculin Tested 88 and Ordinary 7, from which it will be noted that the number of registrations held in respect of ordinary milk production continues to decrease.

Table No. III records the number of registered and unregistered dairy premises and the approximate number of cows in the area.

MILK (SPECIAL DESIGNATIONS) ACT, 1949  
MILK (SPECIAL DESIGNATIONS) ORDERS, 1936/53

Over the period of this report 536 samples were uplifted from 93 designated producers, and submitted for bacteriological and chemical analyses. Of these samples, 35 related to Certified milk and 501 to Tuberculin Tested milk. The total number of samples failing to comply amounted to 56 (8 Certified milk and 48 Tuberculin Tested milk). Only one farm had three consecutive failures and this was a farm producing Tuberculin Tested milk.

One pasteurised licence was held at the end of the year and 22 samples were uplifted, all of which were satisfactory. School milks were periodically sampled, and of the 40 samples collected 5 were unsatisfactory because of the bacterial count and coliform.

Table No. IV gives a detail of samples taken with resultant analyses.

Five new licences to produce Tuberculin Tested milk were granted in the course of the year, while four were discontinued.

## FOOD SAMPLING

FOOD AND DRUGS (SCOTLAND) ACT, 1956  
PUBLIC HEALTH (PRESERVATIVES IN FOOD) (SCOTLAND)  
REGULATIONS, 1925/53

During the year samples were taken of 65 articles of food and drugs, and of these 39 were official samples and 26 test samples. Of the total 60 were genuine and 5 non-genuine. The samples which failed to comply with the food standards were 3 mince, 1 sausage and 1 milk. Non-genuine test samples included 2 mince and 1 sausage, and in the case of the two official samples, 1 mince and 1 milk prosecutions were instituted successfully against the defaulters.

## ICE CREAM (SCOTLAND) REGULATIONS, 1948

Eight samples of ice-cream were taken for chemical and bacteriological examination during the year and all proved satisfactory. A detail of the bacteriological analyses follows:—

	<i>No. of Bacteria per Millilitre.</i>				
In two samples	...	...	...	...	100
In one sample	...	...	...	...	200
" " "	...	...	...	...	300
" " "	...	...	...	...	1,800
" " "	...	...	...	...	2,900
" " "	...	...	...	...	24,000
" " "	...	...	...	...	34,000

Premises where ice-cream is manufactured are inspected regularly and the satisfactory general cleanliness of premises and equipment is still being maintained.

Three registrations were cancelled and 3 new registrations issued for premises at the end of 1958, leaving the total as 32. Four new vehicles were registered and 2 vehicle registrations cancelled, making an increase of 2 registered vehicles during the year and bringing the total number to 20.

A detail of the registrations in the Western Area is shown in Table No. V.

FOOD AND DRUGS (SCOTLAND) ACT, 1956 (SECTION 9)  
PUBLIC HEALTH (MEAT) REGULATIONS

Sixty-seven certificates were issued by the department in respect of approximately 959 lbs. of unsound food. These certificates mainly related to tinned or pre-packed foods which were blown, leaking or otherwise unsound.

## PRIVATE STREETS AND FOOTPATHS

Private streets and footpaths are being maintained in a fairly satisfactory order and no action has been necessary during the year.

## FERTILISERS AND FEEDING STUFFS ACT, 1926

No applications for the taking of samples under the above Act were received during the year.

## SHOPS ACT, 1912/50

Table No. VI gives a detail of the shops in the area and the nature of business carried on. During the year inspection of these was carried out regularly, particular attention being paid to conditions in shops where the sale of foodstuffs is carried on.

It is hoped that with the introduction of the proposed Food Hygiene Regulations early in 1959 a higher standard of cleanliness of premises and personal hygiene of staffs will result. A considerable

number of mobile shops are now operating throughout the area, particularly within Housing Schemes, and these are also subjected to periodic inspection.

#### HOUSING (SCOTLAND) ACTS, 1950/52

Two hundred and sixty-five houses were allocated during the year, of which number 100 were casual vacancies arising in existing schemes.

Of the 165 new houses allocated, 45 were of 2 apartments, 89 of 3 apartments and 31 of 4 apartments. Against this allocation 40 houses were made the subject of Closing Orders and 22 the subject of Demolition Orders. Undertakings were given in the instance of 4 houses.

In addition to her normal duties the Housing Supervisor in terms of factorage reports dealt with 282 applications which related to lodgers, changes of tenancy, and exchange of houses.

Work was commenced towards the end of the year on Old Persons' Houses, 6 at Red Row, Renton, and 3 at Queen's Drive, Alexandria, and it is hoped that these will be allocated early in 1959. Preparation was commenced in respect of the 5 Old Persons' Houses at Garelochhead and 6 in Rhu, plans of which were passed at the end of last year.

I am,

Ladies and Gentlemen,

Your obedient servant,

NEIL MACDONALD,  
*Sanitary Inspector.*



TABLE II.—PLANS OF BUILDINGS—WESTERN AREA

PARISHES	New Houses			Alterations				No. of Houses					
	Bungalows, &c.	Cottages	Flats and Terraced Houses	Bungalows, &c.	Cottages	Flats and Terraced Houses	Total	2 Apartments	3 Apartments	4 Apartments	5 Apartments	6 Apartments & over	Total
Arrochar - - -	—	—	—	—	3	—	3	—	—	3	—	—	3
Bonhill - - -	2	—	2	—	1	3	4	2	2	5	1	—	10
Cardross - - -	7	1	—	1	—	2	3	—	4	8	3	—	15
Dumbarton - - -	—	—	—	—	—	—	—	—	—	—	—	—	—
Kilmarnock - - -	1	2	—	1	5	—	6	—	1	5	2	1	9
Luss - - -	2	—	—	—	1	—	1	—	3	—	—	—	3
Rosneath - - -	1	—	—	—	3	—	3	—	1	2	1	—	4
Rhu - - -	1	5	—	—	7	—	7	—	5	4	11	2	22
TOTAL - - -	14	8	2	2	20	5	27	2	16	27	18	3	66

In addition plans were submitted for 111 Garages, 26 Outhouses, 1 Lounge Bar, 1 Addition to Youth Hostel, 1 Additional Storey to Hotel, 1 Church Hall, Alterations to School Dining Hall, Television Relay System and 27 Miscellaneous.

TABLE III.—NUMBER OF REGISTERED COWSHEDS, &amp;c.

PARISHES	Registered Dairy Farms	Exempted Dairy Premises	Approx. No. Cows	Producers Not Selling by Retail	Milkshops	Trading Vans
Bonhill - - -	13	3	395	11	14	8
Kilmarnock - - -	39	6	920	36	—	2
Luss - - -	8	17	186	5	—	2
Cardross - - -	19	—	519	17	5	4
Rhu - - -	5	7	124	5	2	1
Rosneath - - -	11	—	130	6	1	6
Dumbarton - - -	3	3	82	3	—	—
Arrochar - - -	—	11	16	—	1	1
Burgh of Helensburgh - - -	2	—	47	1	6	5
Burgh of Cove and Kilcreggan - - -	—	—	—	—	—	—
TOTALS - - -	100	47	2419	84	29	29

TABLE IV.—ICE CREAM (SCOTLAND) REGULATIONS, 1948

PARISH OR BURGH	REGISTRATIONS				Total	VEHICLES Sale-Storage
	Manufac- ture	Manufac- ture, Sale and Storage	Sale and Storage	Sale		
ARROCHAR - - -	—	—	—	—	—	1
BONHILL - - -	—	5	5	3	13	15
CARDROSS - - -	—	—	1	2	3	2
HELENSBURGH - - -	1	6	1	3	11	—
COVE and KILCREGGAN - - -	—	1	1	—	2	—
RHU - - -	—	1	1	—	2	2
LUSS - - -	—	—	1	—	1	—
TOTALS - - -	1	13	10	8	32	20

TABLE V.—NUMBER OF DESIGNATED MILKS AND RESULTS OF SAMPLES TAKEN

Designations	No. of Licences	Samples Taken	Not Complying in respect of			Deficient in Butter Fat	Total Not Complying Bacteria and Phosphates
			Bacterial Count	B. Coliform	Bacterial Count and B. Coli		
Certified - - -	5	35	1	4	2	1	8
Tuberculin Tested - - -	88	501	12	18	16	3	49
Pasteurised - - -	1	22	—	—	—	—	—
TOTALS - - -	94	558	13	22	18	4	57

SCHOOL MILKS

No. of Samples Taken	Not Complying in respect of			Deficient in Butter Fat	Total not Complying Bacteria and Phosphate
	Bacterial Count	B. Coli	Bacterial Count and B. Coli		
40	5	1	2	—	8

ORDINARY MILKS

No. of Samples Taken	Satisfactory		Non-Satisfactory		Total
	Satisfactory	Non-Satisfactory	Satisfactory	Non-Satisfactory	
26	24	2	24	2	26

## SHOPS ACTS, 1912-1950

TABLE VI.—SHOWING NUMBER OF SHOPS AND NATURE OF BUSINESSES CARRIED ON IN THE VARIOUS PARISHES THROUGHOUT THE DISTRICT

PARISHES	Bakers	Butchers	Chemists	Clothers and Tailors	Cycle Agents, &c.	Confectioners	Dairies	Drapers, Dressmakers and Milliners	Fish and Chip Shops	Fishmongers	Fruiters	Furniture Dealers	Grocers	Hairdressers	Hardware and Drysalers	Ice Cream and Aerated Water Vendors	Newsagents and Stationers	Shoemakers	Tea Rooms and Restaurants	Tobacconists	Watchmakers and Jewellers	Miscellaneous	TOTAL
Arrochar - - -	1	1	—	—	—	—	1	—	—	—	1	—	3	—	1	1	—	—	—	—	—	1	14
Bonhill - - -	11	12	4	5	2	9	7	13	7	3	5	2	19	7	7	10	11	8	9	3	2	47	203
Cardross - - -	5	6	2	1	—	11	3	4	2	2	4	—	12	3	1	2	6	2	—	—	1	4	71
Dumbarton - - -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kilmarnock - - -	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	2	—	—	—	4
Luss - - -	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	2	—	—	—	3
Rhu - - -	3	1	—	—	—	5	1	1	—	—	1	—	4	—	—	2	3	—	6	—	—	—	27
Rosneath - - -	—	1	—	—	—	1	1	—	—	—	—	—	3	—	—	—	1	—	—	—	—	—	7
Totals - - -	20	21	6	6	2	26	13	18	9	5	11	2	44	10	9	15	21	10	23	3	3	52	329

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025																																																							
Population	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000

COUNTY COUNCIL OF DUNBARTON

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*County Sanitary Inspector  
(Eastern Area)*

WILLIAM ARTHUR.

*Depute County Sanitary Inspector  
(Eastern Area)*

JOHN DUNN.

*Assistant Sanitary Inspectors*

JOSEPH C. MORTON.

DONALD S. MACKAY.

JOHN P. DEEGANS.

*Milk Officer*

ROSEMARY M. STARK.

*Housing Supervisor*

MARGARET BLACK.

*Clerical Staff*

ELIZABETH R. MUIR.

MARGARET W. LAWSON.

## REPORT BY SANITARY INSPECTOR IN THE EASTERN AREA.

### ANNUAL REPORT, 1958

I beg to submit my Annual Report for the year 1958, in accordance with D.H.S. Circular 63/55 and Section 87 of the Local Government (Scotland) Act, 1947.

### WATER SUPPLY

Water supplies within the Eastern Area of the County are of excellent quality and adequate supply. The Regional Water Scheme was completed during the month of June, and the benefits derived become more apparent as time goes on. Trouble was experienced with a number of existing supply mains due to the increased pressure of water. Repairs and renewals were quickly carried out.

Work has been completed at the Carrickstone and Twechar Clear Water Tanks and ample supplies are secure throughout the Eastern Area of the County.

Throughout the year the undernoted samples were taken:—

	<i>From</i>	<i>Source</i>
1E	Guide Camp near Gavinburn Farm, Old Kilpatrick ... ..	Upland Surface Water.
2E	Tap in house, 33 Woodlands Way, Cumbernauld New Town ... ..	Stirlingshire and Falkirk Water Board.
3E	Tap in house, 33 Woodlands Way, Cumbernauld New Town ... ..	Stirlingshire and Falkirk Water Board.
4E	Tap in house, "Glenview," Cumbernauld Station ... ..	Stirlingshire and Falkirk Water Board.
5E	Tap in house, "Glenview," Cumbernauld Station ... ..	Stirlingshire and Falkirk Water Board.
6E	Tap in kitchen, Lawmuir Cottage, Hardgate ... ..	Private Gravitation.
7E	Tap in kitchen, Lawmuir Cottage, Hardgate ... ..	Private Gravitation.

### DRAINAGE SYSTEMS—EFFICIENCY SEWAGE PURIFICATION AND DISPOSAL

During the year the drainage systems within the area functioned satisfactorily. No complaints were received.

My staff continue to carry out inspections and testing of new and existing house and industrial drainage when required. The New

Town of Cumbernauld is now at a stage of more rapid development and drainage is inspected, tested, and advice given as a routine duty.

Sewage disposal works are inspected regularly and no adverse report on the condition of the works can be made.

The problem of disposal of sludge, etc., is still with us. It is probable that with the installation of a composting plant, suitably placed and satisfactorily operated, the problem will be solved.

### RIVERS POLLUTION

A satisfactory effluent discharged from Sewage Purification Works and Septic Tanks is called for by Statute. With the advent of the Clyde Purification Board and the appointment of a Rivers Pollution Inspector, it can be assumed that great improvement of our water courses can be visualised. Throughout the year, co-operation with the Rivers Pollution Board has been continued. All plans of proposals outwith Special Drainage Areas were submitted and, after consultation, agreement was reached regarding the type of Septic Tank and standard of purification necessary in each instance.

The Eastern Area of the County is only remotely connected with the Forth Purification Board.

### MILK AND DAIRIES (SCOTLAND) ACT, 1914

Routine inspections of Dairy Farms and premises were carried out during the year. Where maintenance repairs were necessary, the farms were notified and in all instances the work was done to my satisfaction.

Two farms gave up milk production during the year and are now producing beef; one farmer had to cease producing milk as most of his ground had been taken up for housing development by the Burgh of Kirkintilloch.

The number of premises registered under the above Act is as follows:—

<i>Parish.</i>	<i>Producers.</i>				<i>Dealers.</i>			<i>Total. Regd.</i>
	<i>W</i>	<i>WR</i>	<i>R.</i>	<i>Total.</i>	<i>Shops.</i>	<i>Vans.</i>	<i>Total.</i>	
E. Kilpatrick ...	8	5	2	15	14	7	21	36
W. Kilpatrick ...	3	3	1	7	10	4	14	21
Cumbernauld ...	24	5	—	29	1	4	5	34
Kirkintilloch ...	16	3	—	19	9	4	13	32
<b>Totals ...</b>	<b>51</b>	<b>16</b>	<b>3</b>	<b>70</b>	<b>34</b>	<b>19</b>	<b>53</b>	<b>123</b>

W—Wholesale. WR—Wholesale and Retail. R—Retail only.

During the year, four registrations were cancelled, and two new licences granted.

The number of dairy cows in the area totalled 2492.

## MILK (SPECIAL DESIGNATIONS) ORDER, 1951

A total of 67 producers is registered, and Licences held relate to 12 Certified and 55 Tuberculin Tested. Four Pasteurisers' Licences are held.

Designation	No. of Samples		Fat	Solids	Phos. Test	High Count	Bacilli Count	T.B. Test
	Taken	Failing						
Certified ...	84	19	1	3	—	6	13	—
Tuberculin Tested	377	76	3	37	—	31	66	—
Pasteurised ...	103	12	2	4	5	—	7	—

Throughout the year, the Milk Officer carried out the following work in accordance with the above Order:—

- 467 routine sampling visits.
- 140 advisory visits.
- 115 investigational visits.
- 45 visits to schools in connection with sampling of milk.

## FOOD AND DRUGS (SCOTLAND) ACT, 1956

Official sampling was carried out during the year, and the under-noted table gives the numbers in each category:—

Number of samples taken:—		
Official.	Test.	Total.
35	21	56
Number of prosecutions:—		
Link sausages—excessive preservative ...	...	2
Sliced sausages—excessive preservative ...	...	1

It is with regret that I report that the long promised Food Hygiene Regulations have not, as yet, materialised.

ICE CREAM (SCOTLAND) REGULATIONS, 1948  
FOOD STANDARDS (ICE CREAM) ORDERS, 1951

The undernoted table gives the number of premises and vans registered within the area:—

Area	Manuf. Sale and Storage	Sale and Storage	Sale	Manuf. and Sale	Total	Vehicles Sale and Storage	Sale	Total
Cumbernauld ...	—	—	2	1	3	—	1	1
Kirkintilloch ...	—	—	—	—	—	—	—	—
E. Kilpatrick ...	—	1	—	1	2	—	1	1
W. Kilpatrick ...	—	1	—	2	3	—	3	3
Burgh of K'k'och	3	1	2	2	8	3	1	4
Burgh of M'gavie	2	1	—	1	4	—	—	—
Totals ...	5	4	4	7	20	3	6	9

Throughout the year, 21 samples of ice-cream were purchased for analysis.

Regular inspections of premises and vans were carried out and I must report that the necessary standard of hygiene was maintained in all instances.

### SLAUGHTERHOUSES ACT, 1954

Messrs. J. McLaren (Cumbernauld) Ltd., butchers, continue to maintain their private Slaughterhouse and Lairage in a very satisfactory manner. The rapid expansion of Cumbernauld New Town and the possible increase in trade can be dealt with satisfactorily for some years ahead within the existing premises.

Carcases examined during the year:—

#### TOTAL ANIMALS SLAUGHTERED

<i>Oxen</i>	<i>Bulls</i>	<i>Cows</i>	<i>Heifers</i>	<i>Calves</i>	<i>Sheep</i>	<i>Lambs</i>	<i>Pigs</i>	<i>Total</i>
84	—	2	9	—	143	—	7	245

Carcases partially seized and weight of meat seized are detailed hereunder:—

	<i>Description of Carcase</i>	<i>Parts of Carcases</i>		
		<i>Cirrhosis of Liver</i>	<i>Abscesses of Liver</i>	<i>Pluck TB Abscesses</i> <i>Mesenteric TB (Glands)</i>
Oxen ...	20 (215 lbs.)	1 (11 lbs.)	— 1 (32 lbs.)	—
Heifer ...	5 (46 lbs.)	1 (10 lbs.)	1 (29 lbs.)	1 (15 lbs.)

### SCAVENGING METHODS AND EFFICIENCY

#### *New Kilpatrick Special Scavenging District.*

Transport — ASN818, BSN40, BSN41, DSN377 (Diesel), FSN983 (Diesel).

<i>Year</i>	<i>Drivers</i>	<i>Men</i>	<i>Youths</i>	<i>Road Sweepers</i>	<i>Boys</i>	<i>Total</i>
1951 ...	6	18	5	10	—	39
1952 ...	6	17	6	10	—	39
1953 ...	5	14	6	10	—	35
1954 ...	6	15	6	10	—	37
1955 ...	5	14	11	12	—	42
1956 ...	5	15	9	12	—	41
1957 ...	5	15	8	13	—	41
1958* ...	5	18	5	13	1	42

(\* to 15th November, 1958.)

With the re-organisation of districts within the area, and the appointment of a Scavenging Supervisor, the Scavenging Service was efficiently carried out. The Supervisor's duties include a time check on men in the morning, during the working day, and at 5 p.m.; the inspection of work performed, time taken on that work, and a general speeding up of refuse removal; supervision of the coups at Summerston and Killoch was more frequent and a general improvement was noted.

The "take over" by the newly-formed Burgh of Bearsden was made on 16th May. Scavenging services were carried out by my department from that date to 16th November, when the service was placed under the care of the newly-appointed Burgh Surveyor.

COLLECTION AND DISPOSAL OF DOMESTIC REFUSE  
1ST JANUARY — 15th NOVEMBER, 1958.

<i>Loads</i>	<i>Bins emptied</i>	<i>Approx. weight</i>	<i>Miles run</i>	<i>Disposal</i>
2741	226,691	7482 tons	38,994	To coup

CLEANSING OF HIGHWAYS

Classified Roads	...	10.7 miles @ £75 per mile	...	£802 10s.
Unclassified Roads	...	26.72 miles @ £45 per mile	...	£1202 8s.

*Old Kilpatrick Special Scavenging District.*

Transport—BSN903, FSN984 (Diesel).

<i>Year</i>	<i>Drivers</i>	<i>Men</i>	<i>Road Sweepers</i>	<i>Total</i>
1951	2	7	4	13
1952	2	8	4	14
1953	2	8	4	14
1954	2	7	6	15
1955	2	7	4	13
1956	2	8	4	14
1957	2	8	4	14
1958	2	7	4	13

Scavenging services have been satisfactorily carried out in this area throughout the year. The labour troubles experienced last year did not arise to the same extent, and efficiency improved with practice as the men could work together as a team.

The Coups at Dumbuck and Killoch are well maintained and I hope that their use will be continual for a number of years to come. A suggestion was made by the District Council that as Killoch Coup would not continue in use over many more years, the possibility of the disposal of refuse by the Burgh of Clydebank on a fixed charge per ton basis be investigated. After enquiry the price quoted was found to be excessive, and the District Council decided to take no further action.

COLLECTION AND DISPOSAL OF DOMESTIC REFUSE  
1ST JANUARY — 31ST DECEMBER, 1958

<i>Loads</i>	<i>Bins emptied</i>	<i>Approx. weight</i>	<i>Miles run</i>	<i>Disposal</i>
1082	167,190	2164 tons	11,683	To Coup

CLEANSING OF HIGHWAYS

Classified Roads	...	5.88 miles @ £75 per mile	...	£441
Unclassified Roads	...	9.20 miles @ £45 per mile	...	£414

*Cumbernauld Special Scavenging District.*

Transport—CSN599.

Year	Driver/Mechanic	Men	Total
1954	1	3	4
1955	1	3	4
1956	1	3	4
1957	1	3	4
1958	1	4	5

The Cleansing Service in this rapidly expanding area functioned satisfactorily throughout the year. The New Town area has greatly increased the work and the time is fast approaching when additional staff and another scavenging vehicle will be required. I would recommend that when this new vehicle is purchased, consideration should be given to a vehicle with special lifting gear for the removal of domestic refuse from bulk containers used in the proposed multi-storey blocks of houses.

With the growth of the New Town and the expansion of the service, some thought must be given to the erection of suitable premises for the garaging and maintenance of vehicles and equipment, also canteen and ablution facilities for the staff.

*Dullatur Coup.*—The filling of this quarry hole has now been completed and when settlement takes place some additional filling will be required.

*Smithstone Coup.*—Refuse from this area is now being deposited in this coup, and very many years of "tipping" of refuse are available. Some unauthorised tipping took place during the year, due to a misunderstanding between the factor of the estate and a contractor. Some thousands of tons of peat moss had been deposited on the coup before the error was discovered. I do not think that this deposit will interfere with the use of the coup, but reservation has been made that if free access to the coup is interfered with by this deposit, the onus will be on the contractor to "make good."

Consideration has been given to the proposal to install a composting plant in this area, and there is no doubt that the disposal of the refuse and the resultant sludge from sewage purification works could be satisfactorily dealt with in this manner, although the need for a coup still remains.

COLLECTION AND DISPOSAL OF DOMESTIC REFUSE  
1ST JANUARY — 31ST DECEMBER, 1958

Loads	Bins Emptied	Ash Pits Emptied	Approx. Weight	Miles run	Disposal To Coup
531	76,102	52	1062 tons	5919	

*Gartshore Special Scavenging District.*

Transport—GSN276 (Diesel), Bantam Karrier 7 cu. yds.

Year	Driver	Men	Total
1958	1	2	3

The Cleansing Service in this district, now in its second year of direct labour, has been carried out in a satisfactory manner throughout the year.

A permanent garage for the vehicle still remains to be provided, and as the site has now been purchased at the old sewage works, the preparation of plans of a suitable garage can be proceeded with when design and size required are agreed upon.

COLLECTION AND DISPOSAL OF DOMESTIC REFUSE  
1ST JANUARY — 31ST DECEMBER, 1958

<i>Loads</i>	<i>Bins Emptied</i>	<i>Approx. Weight</i>	<i>Miles run</i>	<i>Disposal</i>
585	61,120	1170 tons	5143	To Coup

PUBLIC CONVENIENCES

<i>Situation</i>	1954	1955	1956	1957	1958
Old Kilpatrick	£15 19 11	£16 9 10	£16 11 1	£18 19 9	£28 6 0
Milton ...	14 10 9	13 10 6	13 3 9	14 14 6	18 0 6
Duntocher ...	6 2 3	5 16 7	4 14 7	2 13 1	2 17 9
Hardgate ...	9 19 1	12 13 4	11 13 1	6 12 11	7 6 9
Twechar ...	3 11 7	3 11 2	3 19 3	4 5 11	3 19 2
Waterside ...	1 2 10	2 6 5	2 10 1	2 13 7	2 4 5
Bearsden ...	—	—	—	—	1 13 6

In April of this year the first and only Public Convenience in Bearsden was completed and put into commission. The provision of additional Conveniences will be in the hands of the new Burgh administration.

Damage to fittings, locks, doors, etc., in Conveniences has reached grave proportions, and severe penalties should be imposed on offenders when caught.

The provision of Public Conveniences in other areas is urgently required, and with the expansion of Cumbernauld New Town, Public Conveniences will be necessary there also.

SANITARY CONVENIENCES

Table V shows the position in the Eastern Area which is unchanged from last year.

FACTORIES ACTS, 1937/48

Within the area there are 130 premises registered under the Act; 172 inspections were made.

The Burroughs Factory at Cumbernauld commenced working during the year. The provisions of the Factories Acts were carried out to the full in respect of Sanitary Conveniences and welfare of the workers.

BURIAL GROUNDS

Burial Grounds within the area have been well maintained. Inspections have been made from time to time, and all interments have been carried out in accordance with regulations.

## BUILDING REGULATIONS

During the year, 201 applications have been dealt with comprising 479 dwelling-houses, 28 alterations to dwelling-houses, 106 garages, 2 shops, 2 schools, and 22 miscellaneous buildings.

Of special interest was the development of houses in the New Town comprising 98 houses of non-traditional construction. The houses are two-storey terrace type, constructed of brick on crosswall principle with infilling of glass and timber back and front. The type is unique in this part of the country and it will be interesting to see how they react to the elements—in particular, the roof, which was originally laid flat but had later to be modified because of areas of flooding on the roof.

The new School at Bearsden was completed during the year and inspections were made under the Regulations from the commencement of building to its completion and official opening in August.

Improvement Grants to the value of £3646 were approved during the year. Inspections were made in collaboration with the County Architect prior to approval of Grant and at completion of the work. Thirteen applications were approved and one application refused.

## HOUSING

Houses listed under the report made to the Department of Health in accordance with the Housing Repairs and Rents Act, 1954, are constantly reviewed, and periodic reports made to the Department of Health.

During the year my Housing Supervisor made 2700 visits of inspection to houses in Local Authority Schemes. Reports on the dirty living conditions of tenants within the scheme gave some concern; the more rigid enforcement of the conditions of tenancy could possibly make some improvement in these houses. Regular visits were made to the houses of offenders, and in many instances an improvement was noted.

Reports during the year related to 51 vacancies, 29 transfers of tenancy, 3 mutual exchanges of tenancy, and 47 keeping of lodgers.

Properties dealt with under the Housing (Scotland) Acts, 1925/50, related to 42 houses.

The County Council resolved to make Closing Orders in respect of 42 houses. The number of persons rehoused as a result of the representations was 64.

One hundred and fifty-one demolitions of property were carried out during the year in Twechar—Barrhill Rows.

## SCHOOLS

All schools were visited during the year and no special comments are called for.

The new Secondary School at Bearsden was completed and the overcrowding at Bearsden Academy is now a thing of the past. A temporary school at Kildrum in Cumbernauld New Town was also completed and occupied.

## INFECTIOUS DISEASES

Two hundred and ten visits were made throughout the year to Infectious Disease cases, this total being slightly lower than last year.

An outbreak of Dysentery in an Institution within the area accounted for a total of 83 cases.

As in previous years, the majority of cases related to Scarlet Fever, Pneumonia and Whooping Cough.

## STREET LIGHTING

BEARSDEN.—From 1st January to 15th May, 1958, street lighting was under my control, and from 16th May to 15th November on a "caretaker" basis for the newly-formed Burgh of Bearsden. Maintenance is carried out by seven Lamplighters and a Foreman Lamplighter.

*Capital Works.*—Capital Works completed include:—

Traffic routes to the value of ... ..	£14,600
Milngavie/Maryhill Road to the value of ...	£3,900
New roads in private housing development to the value of ... ..	£1,270

Conversion of 289 Gas Lamps in the Kessington Area to electricity, using the existing standards, has been carried out at a capital cost of over £5000.

The number of lamps in the area at the end of the year:—

767 Gas.      767 Electric.

OLD KILPATRICK.—With the exception of 11 Gas Lamps in this area, all others have been converted to electricity. Additional lamps have been installed, giving better spacing between lamps and improving the lighting conditions generally.

All Traffic Routes in the built-up areas are now lit by 140 watt Sodium Discharge Lamps on concrete columns at 25 ft. mounting height. A portion of Trunk Road A.82, Dunglass to Dumbuck, has been completed and is giving great satisfaction in the degree of illumination given during darkness, and the regularity of spacing of light sources.

Maintenance is carried out by two Lamplighters and one Electrician/Driver who is also responsible for a Tower Wagon.

The number of lamps in the area at the end of the year:—

11 Gas.      801 Electric.

*Capital Works.*—Work to the value of £7000 has been completed during the year.

CUMBERNAULD.—The number of lamps in this area as at 31st December is 398, an increase of 19 in the year. Maintenance is carried out by private contract.

*Capital Works.*—No Capital Work was carried out during the year, but with the development of the New Town, I contemplate consider-

able Capital Works in the near future when agreement is reached on the type of light source to be installed.

GARTSHORE.—Maintenance is carried out by private contract.

The number of lamps in the area at the end of the year:—

6 Gas.

801 Electric (a reduction of 4 lamps due to the extension of Kirkintilloch Burgh Boundary).

*Capital Works.*—No Capital Work was carried out in this area during the year.

## NUISANCES

Table I shows the number of Nuisances dealt with during the year.

I have to report with pleasure that a Dust Extraction Plant was installed at Croy Quarry during the holiday period in the month of July. The usual "teething troubles" were experienced and for the months of July, August and September the result of analyses from the Deposit Gauge at Croy were far from satisfactory. Since that time, however, a great improvement has been noted, and I am hopeful that all stone-crushing plants in quarries in the area will be similarly equipped.

## TENTS, VANS AND SHEDS

The usual crop of "tinkers" encamped on waste and unused ground in the area had to be removed. No trouble was experienced.

## PEST DESTRUCTION

Since the appointment of a Pest Destruction Officer in August, 1957, complete surveys of agricultural subjects, piggeries, poultry farms and industrial premises have been made throughout the area. All coups, private and under County Council supervision, have been regularly inspected and trapping and baiting carried out with satisfactory results. This includes all the small Burghs which receive the same service as the County.

The extensive use of "Warfarin" poison for the destruction of rats and mice has been very successful. However, at one farm and one dwelling-house in the area where the owners had used small and non-lethal doses of "Warfarin," the rats had derived some form of immunity. The usual lethal dose of bait was laid down by the Officer and was eaten by the rats with no apparent effect, no dead rats having been seen. This matter has now been taken up by the Department of Agriculture and a full investigation is taking place. I await the result of this investigation with interest.

## SHOPS ACTS

Shops in the Eastern Area are very well maintained and modernisation has been carried out in many instances. During the year regular inspections were made and no contraventions can be recorded.

A survey of food shops was carried out by a representative of the Department of Health and members of my staff in connection with the proposed Food Hygiene Regulations which have been long promised but not yet forthcoming. The report was that while shops were of a high standard, some improvement in the handling of food could be made, and I have no doubt that when the Regulations come into being, shop assistants, old and young, will require some training.

The number of shops on the register is 241 and the types are as shown in Table II.

#### NAMING OF STREETS AND ROADS

During the year, the undernoted streets were named:—

<i>Cumbernauld New Town</i>	-	-	Woodland Way.
			Braehead Road.
<i>Old Kilpatrick</i>	-	-	Glen Road.
			Dalnottar Gardens.

#### SALVAGE

Salvage of Wastepaper, Cardboard, etc., was continued up to 15th November, 1958, on which date Scavenging and Salvage was taken over by the Burgh of Bearsden.

Material salvaged is denoted hereunder:—

Wastepaper, 171 tons 10 cwts. 3 qrs. - £1148 15s. 2d.

The incentive bonus was paid to employees up to 15th May, 1958.

#### GENERAL

In conclusion, it can be said that this has been a year of many meetings and discussions, particularly with Cumbernauld New Town Officials. Composting and street lighting have been the main topics discussed. Unfortunately, unanimity between the New Town and Cumbernauld District Council regarding type of street lighting has not been reached. I am hopeful, however, that negotiations will soon be complete to allow me to proceed with the job of lighting the New Town.

The work of my Department has been efficiently carried out by my staff, and I would tender my appreciation to Council Members and brother Officials for their co-operation.

I am,

Ladies and Gentlemen,

Your Obedient Servant,

WILLIAM ARTHUR.



TABLE II.—SHOPS ACTS, 1912-1950  
SUMMARY OF BUSINESSES WITHIN PARISHES IN THE EASTERN AREA

PARISH	Bakers	Butchers	Chemists	Cycle and Motor Agents	Confections, Refreshments, Tobaccos	Dairies	Drapers and Clothiers	Electricians	Fishmongers	Fish and Chip Shops	Fruiters	General Stores	Grocers	Hairdressers	Ironmongers	Licensed	Newsagents	Shoemakers	Stationers	Plumbers	Painters	Tearooms	Funeral Undertakers	Boots & Shoes	Miscellaneous	Total
Cumbernauld -	2	2	...	2	2	...	2	2	...	3	1	3	9	2	1	4	2	1	2	2	1	1	...	...	1	45
Kirkintilloch -	...	...	...	...	...	...	...	...	...	...	...	2	3	...	...	1	2	...	...	...	...	...	...	...	...	8
East Kilpatrick	4	8	3	2	2	5	4	2	3	...	4	2	18	4	2	4	6	...	2	6	5	...	1	2	2	89
West Kilpatrick	2	6	2	6	8	1	4	...	2	2	1	...	31	4	...	12	4	3	1	2	1	1	...	...	6	99
Totals	8	16	5	10	12	6	10	4	5	5	6	7	61	10	3	21	14	4	5	10	7	2	1	2	9	241

TABLE III.—FACTORIES ACT, 1937.

M.—MECHANICAL.

N.M.—NON-MECHANICAL.

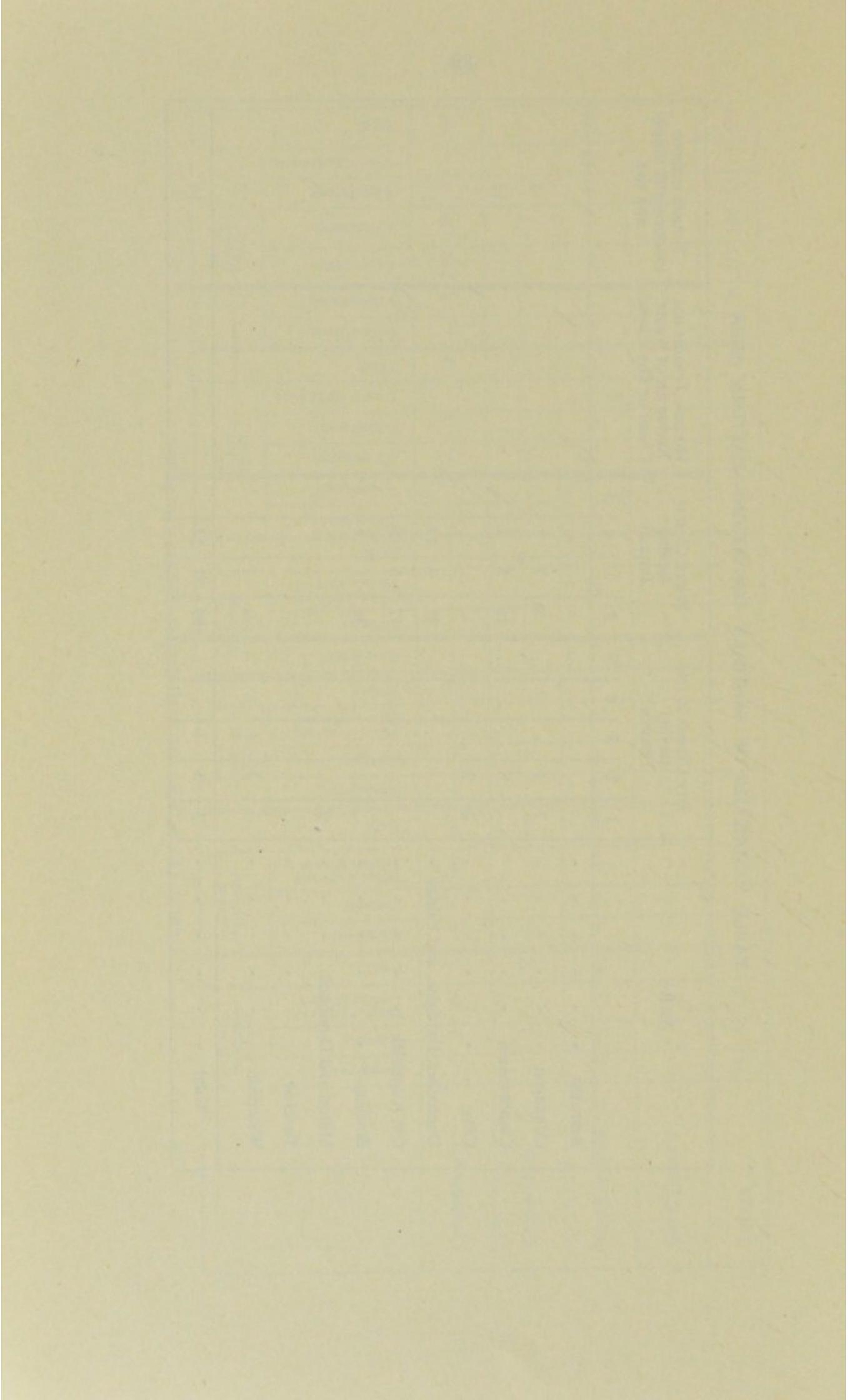
TRADE OR BUSINESS	Cumbernauld		Kirkintilloch		East Kilpatrick		West Kilpatrick		TOTAL		TOTAL
	M.	N.M.	M.	N.M.	M.	N.M.	M.	N.M.	M.	N.M.	
Bakers ...	1	—	—	—	2	—	1	—	4	—	4
Blacksmiths ...	—	—	1	—	—	—	—	1	1	—	2
Builders ...	3	1	—	—	—	5	—	3	3	9	12
Bootmakers ...	1	—	—	—	—	—	—	2	2	—	4
Brickworks ...	—	—	1	—	—	—	—	—	1	—	1
Butchers ...	2	—	—	—	7	—	6	—	15	—	15
Chemical Works ...	—	—	—	—	—	—	—	—	—	—	—
Coal Merchants ...	—	3	—	—	—	4	—	3	—	10	10
Distillers ...	—	—	—	—	—	—	1	1	—	1	2
Dressmakers ...	—	—	—	—	—	—	—	—	—	—	—
Electrical Manufacturers ...	—	—	—	—	—	—	—	—	1	—	1
Engineers ...	—	—	—	—	—	—	—	—	1	—	1
Fireclay Works ...	2	—	—	—	—	—	—	—	3	—	3
Grain Mills ...	1	—	—	—	—	—	—	—	1	—	1
Hosiery Manufacturers ...	—	—	—	—	—	—	—	—	—	—	—
Joiners and Carpenters ...	2	—	—	—	—	—	—	—	—	—	—
Laundries ...	—	—	1	—	3	1	2	1	7	2	9
Motor Engineers ...	2	3	—	—	9	—	1	—	2	—	2
Oil Depots ...	—	—	—	—	—	—	5	—	16	3	19
Plumbers ...	1	1	—	—	—	7	4	—	4	4	4
Painters ...	—	—	—	—	—	5	—	3	1	11	12
Quarries ...	3	—	—	—	—	—	—	1	—	6	6
Shipbuilders ...	—	—	—	—	—	—	1	—	4	—	4
Sculptors ...	—	—	—	—	—	—	1	—	1	—	1
Tailors ...	—	—	—	—	—	—	—	—	—	—	—
Watchmakers ...	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous ...	1	—	1	—	—	—	—	—	—	—	—
TOTALS ...	19	8	4	—	21	22	34	22	78	52	130

TABLE IV.—PLANS OF BUILDINGS—EASTERN AREA.

PARISH	PLANS Buildings—Altered			PLANS Buildings—New			No. of Buildings Altered			No. of Buildings New			No. of Houses						
	Bungalows	Cottages	Villas, Flats and Terrace Houses	Total	Bungalows	Cottages	Villas, Flats and Terrace Houses	Total	Bungalows	Cottages	Villas, Flats and Terrace Houses	Total	1 Apartment	2 Apartment	3 Apartment	4 Apartment	5 Apartment	Over 5 Apartment	Total
Cumbernauld ...	—	3	—	3	—	3	—	3	—	—	—	3	—	8	235	136	8	—	387
Kirkintilloch ...	—	2	—	2	—	—	—	3	—	—	—	3	—	—	—	—	—	—	—
New Kilpatrick ...	12	—	9	21	9	—	35	44	15	6	36	21	—	—	—	19	45	17	81
Old Kilpatrick ...	—	—	1	1	1	—	—	1	—	8	10	1	—	—	—	9	2	—	11
TOTALS ...	12	5	10	27	10	—	422	432	16	6	44	28	—	8	235	164	55	17	479

TABLE V.—DETAILS OF SANITARY CONDITIONS—EASTERN AREA

AREA	Dry Closets in use serving Tenants					Water Closets serving Tenants				Houses, Tenants not having use of Water Closet or Dry Closet	Houses without indoor water supply and sink
	1	2	3	4	5	2	3	4	5		
Bearsden - - - - -	...	...	...	...	...	...	...	...	...	...	...
Condorrat - - - - -	1	1	...	...	...	8	2	1	...	...	3
Cumbernauld - - - - -	...	...	...	...	...	16	5	1	...	...	13
Croy - - - - -	2	2	...	...	...	...	...	...	...	...	...
Duntocher, Hardgate, and Faifley -	...	...	...	...	...	37	9	17	...	...	...
Old Kilpatrick - - - - -	...	...	...	...	...	12	5	5	...	...	...
Bowling - - - - -	...	...	...	...	...	36	11	3	...	...	...
Milton and Dumbuck - - - - -	2	...	...	...	...	...	...	...	...	...	...
Twechar - - - - -	...	...	...	...	...	...	...	...	...	...	...
Waterside - - - - -	...	2	1	...	...	...	...	...	...	...	...
<b>Total - - - - -</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>109</b>	<b>32</b>	<b>27</b>	<b>...</b>	<b>...</b>	<b>16</b>



**REPORT BY THE COUNTY ENGINEER**

24 GEORGE SQUARE,  
GLASGOW, C.2.

LADIES AND GENTLEMEN,

The Burgh of Bearsden came into being on 16th May after the statutory procedure had been carried out. The Burgh, naturally, was unable to take over its responsibilities for public utilities, and the Council continued to administer and maintain the sewerage systems and pumping stations.

The New Town at Cumbernauld increased its rate of development throughout the year and site servicing increased its tempo to keep pace.

Construction work commenced on the building of the Crematorium at Cardross, but progress has been slower than anticipated due to the shortage of stone masons and delays in the delivery of stone.

Good progress was made in the contractual work for the extension to the Vale of Leven Cemetery, and the work should be completed early in the coming year.

Approval was received from the Department of Health for the erection of a Plant for composting domestic refuse and sewage sludge. The Plant is to be built on a site adjacent to Dalmoak Pumping Station, Renton, and a contract has been let for the equipment. The builder work will be put to tender next year.

In the early part of the year, the Government introduced a policy of restraint on public investment, but later relaxed this policy and interest rates for monies borrowed through the Public Works Loan Board were reduced three times. Contractors' prices remained steady throughout the year.

At the request of the Vale of Leven Hospital, arrangements have been made for the Student Nurses in each Training Class to visit Waterworks and Sewage Treatment Works as part of their Hygiene Course.

Amended establishments, which reduced the classification of Assistants from five to three with improved salary scales, were introduced in the early part of the year, and this will assist in attracting staff and retaining those presently in the employ of the Department.

In the Town Planning Section one Assistant was upgraded to Class I and another to Class II, and one Assistant resigned.

Three Junior Assistants were appointed and two resigned in the Engineering Section, and there were three upgradings.

Two Typist-Clerkesses were appointed, and this brought the clerical side to full establishment.

## WATER SUPPLY

## GENERAL

The rainfall records show that almost half the rainfall, recorded during the year at each station, fell during the period July to October, while the period February to April was unusually dry. At Loch Finlas Reservoir the rainfall was almost one-fifth below average, whereas at the other stations the rainfall was almost on the average figure. The summer period rainfall was comparable with that of 1948, which also was a "wet" summer, and the highest monthly total of rainfall was recorded in August.

The house, with office accommodation, being built at Carrickstone, Cumbernauld, is expected to be completed early in the new year, and the functioning of the Eastern Supply Area will be greatly facilitated when the Superintendent takes occupancy.

Talks have continued with the constituent members of the Stirlingshire and Falkirk Water Board and Stirling County Council on the question of Regionalisation of Water Supplies, and serious consideration has had to be given to the financial and administrative arrangements in such a scheme.

Consideration was given to a scheme to augment the water supply for Arrochar and Tarbet from Loch Sloy, and this was submitted to Department of Health. Before a decision could be given a request was received for a supply to be made available at Glen Douglas, and the scheme has been amended to allow for this additional consumption. Final approval to proceed is awaited.

The policy of strict waste inspection is having its just reward in the reduction of supply per head of population, and the showing of a film on Frost Precautions, sponsored by the British Waterworks Association, in local cinemas has made the general public more aware of the frost problem.

*Arrochar and Tarbet Water Supply Area*

The water supply position continued to be satisfactory during the year, and no shortages were experienced. The reservoir was drained in the spring, and cleared of the accumulated silt. Thirty-five notices were served on owners of property drawing attention to defective fittings and waste of water.

Three bursts on mains were repaired, two new connections given off, one connection renewed, nine underground bursts on communication pipes repaired, and four meters were repaired. The nine meters in the area recorded a consumpt of 5,023,000 gallons.

*Gareloch Water Supply Area*

The Reservoirs at Auchengaich, Rhu and Whistlefield provided ample supplies to meet all demands throughout the year. The programme of cleaning and relining of mains in Rhu will be continued early in the new year. Forty-seven notices were served on owners of property where defective fittings and waste of water were detected. Eleven underground bursts on communication pipes and nine bursts on mains were repaired. Five new connections were given off, and

four connections renewed. The 74 metered supplies recorded a consumption of 66,034,000 gallons in the year, eight meters being repaired.

The rainfall recorded for the year was as follows:—

*Whistlefield Filters—*

56.31 inches. Wettest month August—7.80 inches.  
Driest month March — 1.50 inches.

*North of Auchengaich Reservoir—*

63.17 inches. Wettest month July — 8.35 inches.  
Driest month March — 1.07 inches.

*South of Auchengaich Reservoir—*

62.18 inches. Wettest month July — 7.90 inches.  
Driest month March — 1.06 inches.

*Rhu Filters—*

56.93 inches. Wettest month August—7.10 inches.  
Driest month March — 1.93 inches.

An extension of water mains at Rhu is proceeding to serve a private housing development.

*Central Water Supply Area*

Eight hundred and four notices drawing attention to defective pipes and fittings were served on property owners during the year. Forty-five underground bursts on communication pipes and 14 bursts on water mains were repaired. Seventy-seven new connections were given off, 20 renewed, 8 cleaned and 5 sealed off. The number of gas and electric water heaters installed in private property showed a marked increase from 54 to 122, reflecting the effect of the removal of hire purchase restrictions.

*Asker Area*

Asker Reservoir was full throughout the year and ample supplies were available for the limited area supplied. The filters were maintained in good order.

The nine metered supplies recorded a total consumpt of 3,864,000 gallons, this being 405,000 gallons less than that consumed in 1957.

*Cardross and Craigendoran Area*

This area is supplied from Carman Reservoir and a satisfactory supply has been maintained.

The number of metered supplies was reduced to 24, and the total consumpt was 6,062,000 gallons, a reduction of 697,000 gallons in the year.

*Renton Area*

The supply to this area was satisfactory during the year. The rainfall at Carman Reservoir was 51.14 inches and the reservoir was full for three months of the year, the lowest level being recorded in June. The driest month was March with 1.69 inches, and the wettest, August, with 6.64 inches.

The supply to the Burgh of Dumbarton, from this source, increased by over 8,000,000 gallons to a total of 54,036,000 gallons during the year.

The 20 metered supplies consumed 6,740,000 gallons, an increase of 54,000 gallons over the previous year.

#### *Vale of Leven Area*

An adequate supply was provided by Loch Finlas Reservoir, and supplies were given to the Burgh of Dumbarton and to the Bowling Area. The reservoir was full for 253 days, the lowest level being reached in July.

71.84 inches of rain were recorded, the wettest month being August with 10.32 inches, and the driest, March, with 2.56 inches.

The total quantity used in the area was 413,630,000 gallons, which shows a decrease of 26,560,000 gallons compared with the previous year. The decrease can be explained by the reduction in the amount of water consumed by industry, namely, 11,000,000 gallons, and the success of intensive waste inspection.

The 109 metered supplies fed from Overton Filters consumed 154,092,000 gallons, whilst the domestic consumpt was equivalent to 35.55 gallons per head per day.

123,890,000 gallons were supplied to the Burgh of Dumbarton through the connection at Overton, a decrease of 34,860,000 gallons from the 1957 figure, and from the main to Bowling the Burgh received 6,330,000 gallons, an increase of 214,000 gallons over that received in the previous year.

In the Luss Road section of the area the 20 metered supplies consumed 2,666,000 gallons, a reduction of 583,000 gallons.

Welfare arrangements have been provided at the Overton Filter Station.

#### *Luss Area*

The water supply position in the village was satisfactory during the year.

#### *Kilmarnock Area*

Ample supplies of water were supplied to the area from Loch Finlas Reservoir. The 75 metered supplies consumed 13,993,000 gallons in the year, an increase of 1,257,000 gallons compared with the previous year.

The Department of Health have approved an extension to the main to Gartochcraggan, and it would appear the grant may be awarded to this contract.

#### *Bowling Area*

The reservoir was full for seven months of the year, and to maintain this position and to meet the industrial demands the supply was augmented from Loch Finlas Reservoir. The total rainfall for the year was 46.31 inches, the wettest month being December with 6.05 inches, and the driest, March, with 1.54 inches. The lowest level of the

reservoir was reached in March, and 28,765,000 gallons were consumed by the 29 metered supplies, this being an increase of 927,000 gallons.

#### *Old Kilpatrick Area*

No augmentation was necessary to this area during the year, Burnbrae Reservoir having been full for two months of the year and reaching its lowest level in June.

The total consumpt for the area was 64,916,000 gallons, 33,630,000 gallons of which were supplied through the 21 metered supplies. The domestic consumpt was equivalent to 23.65 gallons per head per day.

Due to the demand being in excess of the capacity of the slow sand filters, the filters had to be cleaned six times during the year.

#### *Eastern Area*

Supplies received from the Stirlingshire and Falkirk Water Board have been continuous, and at satisfactory pressure throughout the year, the total quantity supplied being 304,620,000 gallons, of which 294,620,000 were supplied at the Red Burn connection, and 10,000,000 gallons at the Mansefield connection.

No difficulties have been experienced in areas supplied by the piping laid under the Eastern Regional Scheme, but there still remain areas which are fed by small diameter pipes, and investigations have shown them to be heavily encrusted. Complaints continue to be received. Unfortunately, every source of complaint cannot be remedied immediately, and the first lengths of main to be replaced have been completed at Badenheath Road and Roadside, Cumbernauld. The scraping of the main in South Muirhead Road, Cumbernauld, will commence early in the new year. Due to the costs involved, the programme of replacement and scraping of mains must be spread over a period of years, and the fixing of priorities for the works presents problems.

The number of burst mains and leaking joints has decreased since last year, there being 40 burst mains and 26 leaking joints which required attention.

The 166 metered supplies in the area registered a consumpt of 110,000,000 gallons in the year; 22 meters of those taken over by the Council were found to be defective and had to be replaced, while a further 4 meters required to be repaired.

With the increase in building works within the area of the Cumbernauld New Town, there has been a substantial increase in the number of new connections, 97 having been given off during the year.

The clear water tanks being built at Carrickstone and Twechar under the Eastern Regional Water Scheme are nearing completion, and will be in use early next year.

The trunk main between Carrickstone and Kildrum has been completed and is serving the first Housing Developments of the New Town at Kildrum I and Park I sites. Mains have been laid to serve Park I, Park III, and Kildrum III Housing Developments. Approval has been sought from the Department of Health for the laying of a main along

the northern section of the Ring Road, to supply the Housing Development on the northern slopes of the town.

The demands in giving off connections within the New Town, coupled with the maintenance requirements and the scouring necessary of the old small diameter mains is severely taxing the man-power available and consideration will require to be given to increasing the labour force in the area.

An approach has been made by Lanark County for a bulk supply to be made available to the Blairlinn Area, which is within the County of Lanark, and which is proposed to be developed by the Development Corporation for industry.

#### *Clydebank and District Water Trust*

Satisfactory supplies were maintained by the Water Trust in the Duntocher, Hardgate and Mosshead Areas of the County. The Mosshead Area passed into the area of the Burgh of Bearsden on 16th May.

#### *Bearsden Area*

On 16th May the Council ceased to have any responsibility for the area of the Burgh of Bearsden served by the Corporation of Glasgow; up to that date the supply was satisfactory.

## DRAINAGE

### GENERAL

The Eastern Area of the Dunbartonshire Special Sewerage and Sewage Disposal District is now fully staffed, and the Sludge Vehicle which was delivered in the Spring is being used to its full capacity.

The Drainage Superintendent located at Dalmoak retired during the year, and this vacancy and that of Resident Engineer were filled by promotion appointments. A new appointment was made to fill the resulting vacancy of Assistant Engineer.

With the relaxation of the restriction of public investment, the separate schemes for the provision of sewage treatment at the villages of Rosneath, Clynder and Shandon were, on the request of the Department of Health, re-submitted for consideration. The Department have asked for further details. In view of this relaxation, the Council are again considering the proposed sewerage and sewage treatment scheme for Castlecary. This scheme was previously submitted to the Department of Health in 1951, when permission to proceed was refused.

### DUNBARTONSHIRE SPECIAL SEWERAGE AND SEWAGE DISPOSAL DISTRICT WESTERN AREA

#### *Arrochar and Tarbet Area*

The sewers and detritus tanks operated satisfactorily.

#### *Garelochhead Area*

The sewers and detritus tanks in the area have been satisfactorily

maintained. The Department of Health have approved an extension of the sewer in Clynder Road.

#### *Rhu Area*

The sewer and detritus tanks functioned satisfactorily during the year. A sewer extension to serve the private Housing Development at Ardenconnel is proceeding.

#### *Craigendoran Area*

The sewers and detritus tanks were kept in good repair throughout the year. Sewers are under construction at the private Housing Development at Colgrain.

#### *Vale of Leven and Renton Area*

The sewers and pumping stations have been maintained in a satisfactory condition during the year. At Dalmoak Pumping Station the total inflow of sewage from the area was 352,443,000 gallons.

An application was received from the Admiralty for the discharge of treated trade waste effluent into the Council's sewerage system from the Torpedo Factory at Alexandria. Conditions of discharge and standard of effluent have been forwarded to the Admiralty, and their acceptance is awaited.

#### *Gartocharn Area*

The sewers and sewage treatment works operated satisfactorily during the year.

#### *Bowling Area*

The sewers and detritus tanks continued to function satisfactorily.

#### *Old Kilpatrick Area*

The sewers and detritus tanks were satisfactorily maintained throughout the year.

A contract for the laying of sewers at the second private Housing Development at Dalnottarhill was completed.

#### *Duntocher Area*

The sewers serving the area functioned satisfactorily during the year. Sewers were laid in the Council's housing site at Beeches Road.

#### *Bearsden Area*

The sewers and pumping stations continued to operate satisfactorily. Operation and maintenance was continued after 15th May at the request of the Bearsden Town Council. A sewer extension was completed to serve a private Housing Development at Kilmardinny.

### EASTERN AREA

#### *Condorrat Area*

The sewers and sewage treatment works were maintained satisfactorily. To meet the next phase of development of the Cumber-

nauld New Town at Seafar, an extension to the outfall sewer and to the sewage treatment works was designed, approved by the Department of Health, and a contract let. A start will be made on the works early in the new year.

#### *Cumbernauld Area*

The sewers and sewage treatment works serving Cumbernauld Village were maintained in good condition. The sewerage system of the first development of the New Town at Kildrum and the Kildrum outfall sewer have been connected to the existing outfall sewer and the discharge of foul drainage and treated trade waste from Burroughs Factory at Old Inns is being received at the works.

A scheme has been prepared to extend the existing treatment works to cater for the foul drainage from a further 1000 houses in the New Town Area.

The sewers and septic tanks at Cumbernauld South functioned satisfactorily.

#### *Waterside Area*

The sewers and sewage treatment works operated satisfactorily.

#### *Croy Area*

The sewers were maintained in good order, but the treatment works are obsolescent and will require to be replaced.

Sewers are being laid to serve the Council's Housing Development at Barbegs.

#### *Twechar Area*

The sewers and sewage treatment works continued to give good service.

A report on coal workings at Twechar was considered when it was found that the Coal Board had still to prove the ground and prepare a Coal Extraction Plan.

### CUMBERNAULD NEW TOWN SPECIAL SEWERAGE AND SEWAGE DISPOSAL DISTRICT

The Development Corporation continued to carry out the design and detail of sewers to serve Housing Developments on an agency basis and close liaison has been maintained.

Consideration has also been given to the lines and levels of the outfall sewers to serve the town and the first section of the main outfall drainage to the east has been put out to contract and tenders received.

Burroughs Adding Machine Co. notified acceptance of the conditions and standard of trade waste effluent, which the Council laid down for the reception of the foul sewerage and trade waste effluent from the factory at Old Inns.

Consideration was given to the equipment for the first development of the new Sewage Treatment Works to be built at Dunns Wood,

and orders have been placed. The works will be on the Activated Sludge principle. A contract has been let for the construction of the access road to the works.

Site sewers have been laid to serve Park I, Kildrum III and Park III Housing Developments.

### CINEMATOGRAPH ACTS

Under the Cinematograph Acts the inspection of premises holding licences was made and authority given for the renewal of the licences.

The premises inspected were as undernoted:—

1. Renton Public Hall, Renton.
2. Rio Picture House, Bearsden.
3. Strand Cinema, Alexandria.
4. Vale of Leven Public Hall.
5. Bradford Cinema, Cumbernauld.
6. Woodilee Mental Hospital, Lenzie.

An application for the opening of the Hall Cinema (Vale of Leven Public Hall), Alexandria, on one Sunday for religious purposes was approved.

Applications were received for the opening on Sunday evenings for commercial purposes of the Roxy Cinema (Renton Public Hall) and Bradford Cinema, Cumbernauld. That for the former was approved on condition that the opening did not take place before 7.30 p.m., while the application for the latter was refused.

The Council agreed that the Burgh of Bearsden would assume responsibility for premises licensed under the Cinematograph Acts, 1909 and 1952, on 16th November.

### THEATRES ACT

Applications were received for permission to hold theatrical performances in the following halls:—

Westerton Church Hall.

Boys' Brigade Hall, Bearsden.

Canteen—Messrs. McGruer's Yard, Clynder (three applications).

The Burgh of Bearsden, as agreed by the Council, became responsible on 16th November for premises within the Burgh licensed under the Theatres Act, 1843.

### TOWN AND COUNTRY PLANNING

Arising from the Organisation and Methods Study last year the Council have given consideration throughout the year under review

to the re-organisation of the administrative procedure for dealing with planning applications. The procedure advocated by the Organisation and Methods consultants proved to be unacceptable, but the technical and administrative officials evolved a system which was approved by the Council and is to be put into operation in January, 1959.

Under the new procedure all applications for planning permission are to be submitted to the County Planning Officer, instead of to the County Clerk as formerly. The Planning Officer will also assume responsibility for the institution of all consultations with interested Departments and Authorities, with the exception of the Secretary of State in relation to Trunk Roads and to the proposed Loch Lomond-Trossachs National Park. Where the Secretary of State is involved he will be consulted by the County Clerk after the Planning Committee have taken a decision on the application concerned.

On receipt of all replies from the Departments and Authorities consulted, the County Planning Officer will prepare a report on the application for the Planning Committee, incorporating the various observations submitted.

#### DEVELOPMENT PLANS

##### *Kirkintilloch Part Area*

The Council directed that seven amendments to the Kirkintilloch Part Development Plan be submitted to the Secretary of State in the course of the year and the position regarding each is as undernoted:—

<i>Location</i>	<i>Amendment</i>	<i>Decision of Secretary of State</i>
Adamslie South	Territorial Army purposes to Car Park	Approved
Boghead	Second and Third Stage Programming to First Stage	No formal action required
Cleddans	Agricultural land to residential	Approved
Newdykes	Smallholdings, Agricultural land and private open space to residential	Approved
Loch Road	Public open space to residential	Approved
Regent Street	Public open space to residential	Decision awaited
Adamslie North	Agricultural land to residential	Approved
Lenzie	School purposes to residential	Decision awaited

##### *Kilpatrick's Part Area*

The Secretary of State has still not announced his decision on the Kilpatrick's Part Development Plan.

Modifications affecting seven areas covered by the Development

Plan were considered by the Council and transmitted to the Secretary of State, who has dealt with them as follows:—

<i>Location</i>	<i>Amendment</i>	<i>Decision of Secretary of State</i>
Dumbarton Road, Old Kilpatrick	Residential to public buildings	Modification unnecessary
Gartconnell, Bearsden	Service industry to residential	Approved
Craigdhu, Milngavie	Primary school to residential and public buildings to primary school	Decision awaited
West Chapelton, Bearsden	Public open space to residential	Decision awaited
Littlemill, Bowling	Woodland to industrial	Approved
Dumbuck	Agricultural land to industrial	Approved
Mount Pleasant Old Kilpatrick	Public open space to residential	Decision awaited

#### *Western Part Area*

In June the Council approved the Draft Development Plan for the Western Part Area and authorised the carrying out of the Statutory consultations. The consultations took place in October and up to date only one objection has been received. The Clyde Agricultural Executive Committee objected to the zoning of Agricultural land for residential purposes in the Helensburgh and Kilcreggan districts. The Clyde Navigation Trust and the Central S.M.T. Co., Ltd., raised no objections, but requested certain assurances.

#### *Vale of Leven Part Area*

One amendment affecting the zoning of various sites in the area bounded by Carrochan Road, Lomond Road and Dalvait Road, Jamestown, was submitted for the Secretary of State's consideration during the year, but his decision has not yet been announced.

### COAL WORKINGS

The Secretary of State has not yet issued his findings in connection with the National Coal Board's Appeal against the Council's refusal of planning permission for the winning and working of coal deposits in the East Kilpatrick Area.

### INTERIM DEVELOPMENT CONTROL

In the year under review the number of applications submitted continued to show an increase over the previous year's total. The Council dealt with an aggregate of 839 applications, which was 51 more than the total number for the preceding year. The over-all figure includes 112 applications for provisional approval, the same number of such applications as was received last year. Also included in the aggregate figure are 49 applications which proved to be permitted development under the provisions of the General Development

Order, an increase of nine over last year's total for similar applications.

The following tables indicate, under the respective Planning Areas, the manner in which the applications were dealt with:—

Planning Area	APPLICATIONS			Total
	Granted	Postponed or Withdrawn	Refused	
Clydeside, Gareloch and Loch Long	137	5	10	152
Vale of Leven ... ..	76	15	17	108
Loch Lomond ... ..	30	4	7	41
Kilpatricks ... ..	244	11	27	282
Milngavie (1) and (2) ... ..	31	2	3	36
Kirkintilloch and Cumbernauld ...	132	19	20	171
Totals ... ..	650	56	84	790
Exempted under General Development Order, 1950 ... ..				49
				Total ... 839

### HOUSING DEVELOPMENT

#### LOCAL AUTHORITY

Planning Area	Granted		Postponed or Withdrawn		Refused		Total	
	A	H	A	H	A	H	A	H
(a) Landward—								
Kilpatricks ... ..	2	10	—	—	—	—	2	10
Kirkintilloch and Cumbernauld	4	377	—	—	—	—	4	377
(b) Burgh—								
Helensburgh ... ..	1	1	—	—	—	—	1	1
Milngavie (1) and (2)	1	72	—	—	—	—	1	72
Kirkintilloch ... ..	6	372	—	—	—	—	6	372
Totals ... ..	14	832	—	—	—	—	14	832

A—Applications.

H—Houses.

#### PRIVATE ENTERPRISE

Planning Area	Granted		Postponed or Withdrawn		Refused		Total	
	A	H	A	H	A	H	A	H
(a) Landward—								
Clydeside, Gareloch and Loch Long	18	25	1	82	—	—	19	170
Vale of Leven ... ..	—	—	—	—	3	3	3	3
Loch Lomond ... ..	3	3	—	—	1	1	4	4
Kilpatricks ... ..	38	348	1	1	—	—	39	349
Kirkintilloch and Cumbernauld	—	—	1	1	—	—	1	1
(b) Burgh—								
Helensburgh ... ..	12	95	—	—	—	—	12	95
Milngavie (1) and (2)	4	241	—	—	—	—	4	241
Kirkintilloch ... ..	11	71	1	112	—	—	12	183
Totals ... ..	86	783	4	196	4	4	94	983
Grand Housing Totals ... ..	100	1615	4	196	4	4	108	1815

A—Applications.

H—Houses.

## CONVERSIONS

Planning Area	Granted		Postponed or Withdrawn		Refused		Total	
	A	H	A	H	A	H	A	H
(a) <i>Landward</i> —								
Clydeside, Gareloch and Loch Long	1	2	—	—	—	—	1	2
Kilpatricks ... ..	2	4	—	—	—	—	2	4
(b) <i>Burgh</i> —								
Helensburgh ... ..	1	2	—	—	—	—	1	2
Kirkintilloch ... ..	2	4	—	—	—	—	2	4
Totals ... ..	6	12	—	—	—	—	6	12

A—Applications.

H—Houses.

## INDUSTRIAL APPLICATIONS

Planning Area	Granted	Postponed or Withdrawn		Refused	Total
(a) <i>Landward</i> —					
Clydeside, Gareloch & Loch Long	2	—	—	—	2
Vale of Leven ... ..	10	1	—	1	12
Loch Lomond ... ..	2	—	—	—	2
Kilpatricks ... ..	3	—	—	—	3
Kirkintilloch and Cumbernauld ...	4	3	—	5	12
(b) <i>Burgh</i> —					
Helensburgh ... ..	1	—	—	—	1
Milngavie (1) and (2) ... ..	2	—	—	1	3
Kirkintilloch ... ..	2	—	—	—	2
Totals ... ..	26	4	—	7	37

## COMMERCIAL APPLICATIONS

Planning Area	Granted	Postponed or Withdrawn		Refused	Total
(a) <i>Landward</i> —					
Clydeside, Gareloch & Loch Long	10	—	—	—	10
Vale of Leven ... ..	18	3	—	3	24
Loch Lomond ... ..	4	1	—	—	5
Kilpatricks ... ..	12	1	—	10	23
Kirkintilloch and Cumbernauld ...	6	3	—	2	11
(b) <i>Burgh</i> —					
Helensburgh ... ..	11	1	—	1	13
Milngavie (1) and (2) ... ..	4	—	—	1	5
Kirkintilloch ... ..	21	1	—	8	30
Totals ... ..	86	10	—	25	121

## SECTION 13 PROCEDURE

Three applications for development adjacent to the Trunk Roads A.80 and A.73 in the neighbourhood of Cumbernauld New Town were called in by the Secretary of State during the year. One application

relating to the erection of a shop on A.73 was subsequently withdrawn. The Council were represented at a Public Inquiry regarding the erection of a house on A.80 at Condorrat, but the application has not yet been determined by the Secretary of State. No date has yet been fixed for the holding of a Public Inquiry into a proposal to erect a filling station on Route A.80.

#### HOUSING SITES SELECTION

The Council approved the erection of houses on the sites set out in the table below, after having obtained clearances from the appropriate authorities as prescribed by D.H.S. Circular No. 46/1950.

<i>Location</i>	<i>Area</i>
Gartocharn: Church Road ... ..	0.23 acres
Helensburgh: East Princes Street ... ..	0.12 "
Milton ... ..	0.11 "
Kirkintilloch: Hillhead Road (Redevelopment) ...	4.94 "
Lenzie Road ... ..	0.5 "
Cleddans ... ..	19.88 "
Loch Road ... ..	0.23 "
Moss Road ... ..	0.74 "
Hillhead Hall (Redevelopment) ...	0.6 "
Newdykes ... ..	18.08 "
Easter Boghead ... ..	24.35 "

Following further discussions with the National Coal Board, the Agricultural Executive Committee and the Department of Health, the Council agreed to reduce from 9.43 acres to 4.6 acres the area of land to be developed for housing purposes at Barbegs, Croy. Thereafter the curtailed site was cleared and planning permission granted.

The matter of the clearance of a 2.6 acres housing site at Cardross was again brought before the Council who decided that the proposal was uneconomic.

The clearance procedure relating to a site of 2.16 acres at Regent Street, Kirkintilloch, has been completed, but the Council resolved not to grant planning permission until the Secretary of State has announced his findings on the necessary modification of the Development Plan.

Before dealing with a request for clearance in respect of a site extending to 4.4 acres at Old Kilpatrick, the Council sought the Secretary of State's approval of the change of the Development Plan zoning of the site in question from public open space to residential use. His decision on the proposed amendment has not yet been received.

Clearances have been received, but planning permission has not yet been granted in respect of the use for housing purposes of a six-acre site at Goldenhill, Duntocher, a site of 0.44 acres at Cumbernauld South, and three gap sites with a total acreage of 0.64 acres at Cumbernauld.

## TREE PRESERVATION

The Council dealt with four applications which were referred to them in the course of the year by the Forestry Commission. In view of the Commission's proposal to require replanting in the areas to be felled at Boturich Estate, Balloch, and at Ardmore, the Council approved the issue of felling licences.

Part of the woodlands involved in an application for permission to fell trees on Strathleven Estate were covered by the Council's Tree Preservation Order No. 2. To the Council's suggestion that the five areas affected by the Preservation Order be replanted, the Commission replied that they were prepared to direct that three of the areas be replanted, but the Council adhered to their original decision.

The fourth application referred to the felling of trees on Dougalston Estate, Milngavie, and although the woodland was located in the County of Stirling, the proposal was of particular concern to the Council in view of the fact that, if the National Coal Board are permitted to establish the Allander pithead and bing on Dougalston Estate, the trees in question would perform an important function in screening the surface development. On seeking the advice of the Department of Health, the Council were informed that the issues raised by the National Coal Board's proposal would not preclude the issue of a felling licence provided a replanting condition was attached.

## APPEALS

In the course of the year 27 appeals were dealt with as follows:—

(1) *Hardgate*

An appeal against the imposition of a 10-year time limit in respect of the extension of licensed premises at Hardgate was abandoned when the time limit was withdrawn by the Council.

(2) *Balloch*

The refusal of planning permission for the erection of a boat shed at Balloch gave rise to an appeal which was upheld by the Secretary of State, planning permission being granted by him for five years, subject to certain conditions.

(3) *Duntocher*

The Secretary of State dismissed an appeal relating to the establishment of a commission agent's office at Main Street, Duntocher.

(4) to (12) *Condorrat*

In his decision on appeals arising from the refusal of consent for the retention of nine signs on the Glasgow-Stirling trunk road in the Condorrat area, the Secretary of State dismissed eight of the appeals and upheld one.

(13) *Jamestown*

On appeal, the Council's decision not to permit the establishment of a commission agent's office at Main Street, Jamestown, was endorsed by the Secretary of State.

(14) *Milngavie*

The refusal of planning permission for the conversion of a shop to a commission agent's office at Douglas Street, Milngavie, was the subject of an appeal which the Secretary of State upheld, consent being granted for a three-year period.

(15) *Duntocher*

The Secretary of State rejected an appeal relating to an illuminated sign on premises at Great Western Road, Duntocher.

(16) *Duntocher*

An appeal arising from the refusal of consent in respect of the use of premises at Old Street, Duntocher, as a commission agent's office was dismissed by the Secretary of State.

(17) *Duntocher*

On appeal, the Secretary of State upheld the Council's adverse decision in the case of a commission agency at William Street, Duntocher.

(18) *Kirkintilloch*

Planning permission was refused for the erection of a house and shop at Langmuir Road, Kirkintilloch, and the subsequent appeal was dismissed by the Secretary of State.

(19) *Shandon*

In an appeal relating to conditions attached to the planning consent for the demolition of premises at Shandon, the Secretary of State ruled that the operations were not development within the meaning of the 1947 Act and therefore did not require planning permission.

(20) *Cumbernauld*

The refusal of permission for the erection of a filling station at Eastfield, Cumbernauld, was the subject of an appeal which the Secretary of State dismissed.

(21) *Helensburgh*

An appeal relating to the establishment of a caravan park at Camis Eskan, Helensburgh, was withdrawn by the appellant.

(22) *Alexandria*

Following the granting of planning permission for the erection of premises on an alternative site, an appeal concerning the conversion of a smithy to a doctor's surgery at Mitchell Street, Alexandria, was withdrawn.

(23) *Kirkintilloch*

The Secretary of State rejected an appeal arising from an adverse decision in respect of the conversion of a house to a shop at Gallowhill, Kirkintilloch.

(24) *Kirkintilloch*

The Secretary of State refused to consider an appeal relating to the proposed extension of a commission agent's office at Townhead, Kirkintilloch, on the grounds that the purpose for which the extension was required was unlawful.

(25) *Alexandria*

The establishment of a commission agent's office at Gilmour Street, Alexandria, was the subject of an appeal which the Secretary of State dismissed.

(26) *Kirkintilloch*

An appeal involving the conversion of a shop to a commission agent's office at Townhead, Kirkintilloch, was dismissed by the Secretary of State.

(27) *Renton*

An appellant who proposed to erect two garages at Burn Street, Renton, subsequently withdrew the appeal.

Hearings have been held in connection with the following appeals, but the Secretary of State has not yet announced his decision on them:—

1. Mineral operations by the National Coal Board in the East Kilpatrick Area.
2. A caravan park at Shandon.
3. Housing Development at Stuckenduff.

Appeals relating to the following proposals are pending:—

1. Housing Development at Castlehill, Bearsden.
2. Housing Development at Lungfaulds, Bearsden.
3. Housing Development at Craigton, Milngavie.
4. A shop at Goldenhill, Duntocher.
5. A hoarding at Main Street, Alexandria.
6. A house at Auchendennan.
7. A crematorium and burial ground at Dalnottar, Old Kilpatrick.
8. A piggery at Saddlers Brae, Kirkintilloch.
9. A dancing school at Hardgate.
10. Mineral workings at High Pollockshole, Cumbernauld.
11. Mineral workings at Langlands, Cumbernauld.
12. Mineral workings at The Faulds, Cumbernauld.
13. A monumental sculptor's yard at Eastfield, Cumbernauld.
14. A caravan park at Rosneath Ferry.

## CONTRAVENTIONS

Twenty-eight alleged contraventions were investigated during the year.

Effective action was taken by the Council to secure the removal of garages at Twechar, scrap deposits and a betting office at Old Kilpatrick, signs on Loch Lomondside and overhead wiring in the Vale of Leven Area. The Council also secured compliance with the planning conditions relating to a caravan park at Balloch.

In 10 other cases applications were called for and the position regarding each is as follows:—

<i>Development</i>	<i>Location</i>	<i>Decision</i>
Signs (Reconsideration) Betting Office	Cardross	Approved for 3 years
(Reconsideration) Betting Office	Milngavie Duntocher	Refused
Betting Office	(William Street)	Refused
Betting Office	Duntocher (Old Street)	Refused
Dancing School	Hardgate	Refused
Scrap Yard	Alexandria (Steven Street)	Refused
House to Shop	Waterside	Application awaited
Garage	Garelochhead	Application awaited
Garage	Cumbernauld	Application awaited
Caravans	Kilcreggan	Application awaited

It was also necessary to serve Enforcement Notices in respect of the eight unauthorised developments set out below:—

<i>Development</i>	<i>Location</i>	<i>Remarks</i>
Scrap Yard	Alexandria (Gray Street)	Effective after action by Procurator-Fiscal
Scrap Yard	Alexandria (Steven Street)	—
Huts	Blairlusk	Referred to Procurator-Fiscal
Access	Cardross	Effective after action by Procurator-Fiscal
7 Caravans	Duntocher	—
Sand Workings	Tullichewan	Non-compliance with planning consent conditions
Kiosk	Balloch	—
Coup	Kirkintilloch	—

#### RUINOUS BUILDINGS, ETC.

The Council exercised their powers under Section 31 of the 1947 Act to secure the removal of boat wreckage at Garelochside, the demolition and clearance of derelict houses at Twechar, the clearance of debris at Shandon, and an improvement in the condition of sites at Kilcreggan, Kirkintilloch, Alexandria and Renton.

#### ADVERTISEMENT CHALLENGES

The hoardings at Hardgate which were challenged by the Council in 1955 were resited in accordance with the Council's direction in the course of the year.

Challenge Notices were served on the owners of two sites at Renton on which hoardings were located.

## ELECTRICITY

The Clyde Area of the South of Scotland Electricity Board received the Council's approval during the year for the erection of high voltage lines at Rosneath, Helensburgh, Cardross, Kilmalid and Alexandria, in addition to the erection of low voltage lines at Cardross and Milton.

Within the area administered by the Stirling Area of the Board, approval was granted for the erection of high voltage lines from Denny to Kilsyth, from Cumbernauld to Kilsyth, and at Castlecary. Consent was also given for low voltage lines at Croy.

Proposals submitted by the Lanarkshire Area of the Board related to the erection of low tension lines at Kirkintilloch and Twechar.

The erection of low tension lines at Caldarvan and Croftamie by the North of Scotland Hydro-Electric Board was also approved by the Council, as well as a high tension line at Tarbet and Mid Ross, Loch Lomond.

Following the Hydro-Electric Board's submission of a proposal to erect a 275 kV line from Windyhill, Bearsden, to Loch Awe, the Council were represented at a meeting between the Board and the Local Authorities affected by the proposed line. In view of the Board's intimation at the meeting that at least two other proposed 275 kV lines would emanate from the Windyhill sub-station, the Council requested that each Board furnish details of all known future proposals affecting the Windyhill installation. The two additional lines referred to above consist of super grid lines linking Windyhill with Neilston in Renfrewshire and with Kincardine.

## POST OFFICE

The erection of posts and stays in the Parishes of Cardross, Bonhill, Old and New Kilpatrick, Kirkintilloch and Cumbernauld was approved by the Council. Permission was granted for the installation of brackets at Waterside and Bowling, for the siting of a pillar box at Twechar, and the resiting of one at Balloch.

In addition, proposals to erect a telephone kiosk at Renton and to resite existing kiosks at Garelochhead and Gartocharn were approved, but the Council, supported by the District Council, opposed the removal of a kiosk at Ballagan.

## RAILWAY ELECTRIFICATION

In the course of the year the Council received and approved eight applications relating to the reconstruction of railway bridges between Glasgow and Milngavie and Dumbarton necessitated by the railway electrification scheme which is now well in hand.

## REDEVELOPMENT

*Renton Comprehensive Development Area*

The proposals contained in the Draft Comprehensive Development Plan for the Central Area of Renton were explained to and discussed with members of the Vale of Leven District Council during the year.

*Alexandria Comprehensive Development Area*

A Draft Test Map relating to the redevelopment of the Central Area of Alexandria north of Bank Street and east of Main Street was prepared this year and discussed with the Vale of Leven District Council.

*Old Kilpatrick Comprehensive Development Area*

Arrangements are in hand for a meeting of officials to consider the provisions and phasing of the Draft Test Map which was prepared during the year in connection with redevelopment of the Central Area of Old Kilpatrick.

## NATIONAL PARKS

In consulting the owner of the estate traversed by the proposed high-level walking route from Balloch to Luss, the Scottish Council for National Parks met with serious opposition on account of the definition, in the constitution of the Scottish Council, of a National Park as a tract of country owned and controlled by the nation.

It was evident, therefore, that this article in the constitution would prejudice the Scottish Council's policy of co-operation with land-owners. Accordingly at their Annual General Meeting the Scottish Council decided to amend the definition of a National Park, deleting the reference to public ownership.

The projected establishment of a New Town at Finnich Toll in Stirlingshire by a syndicate of private developers was considered by the Scottish Council, who resolved to make representations to the Secretary of State and formed a Committee to examine the matter fully. It was decided to supply all available information to the various bodies who had contacted the Scottish Council regarding the proposal.

As the site of the proposed New Town is adjacent to the County boundary of Dumbarton, the County Council informed the Secretary of State of their interest in the project and appointed a Group to consider and report to the Council such information as became available.

## CLYDE VALLEY PLANNING ADVISORY COMMITTEE

In the year under review the Clyde Valley Planning Advisory Committee were primarily concerned with an examination of the operation of the Housing and Town Development (Scotland) Act, 1957, in relation to the movement of population and industry from Glasgow.

## CUMBERNAULD NEW TOWN

Proposals for the erection of 317 houses were submitted by Cumbernauld Development Corporation during the year, together with the establishment of a shop, bank and rent office. The Council also granted consent for the erection of a Roman Catholic primary school.

The Master Plan for the redevelopment of Cumbernauld village, prepared by the Development Corporation, was considered and approved by the Council, subject to certain conditions.

## HISTORIC BUILDINGS, ETC.

During the year the Secretary of State submitted to the Council a provisional list of 29 buildings of special architectural or historic interest in the Cumbernauld district, which were proposed to be protected in terms of Section 28 of the 1947 Act.

The buildings consist of Cumbernauld House, together with a sundial and dovecot in the grounds, three churches, three inns, two mills, a bridge and 17 houses.

If the list is confirmed, two months' notice will require to be given to the Council of any proposal to carry out works which would involve demolition or would seriously affect the character of any of the protected buildings. The Council, in turn, would require to notify the Secretary of State. The object of this procedure is to enable consideration to be given to any steps required to safeguard the building in question.

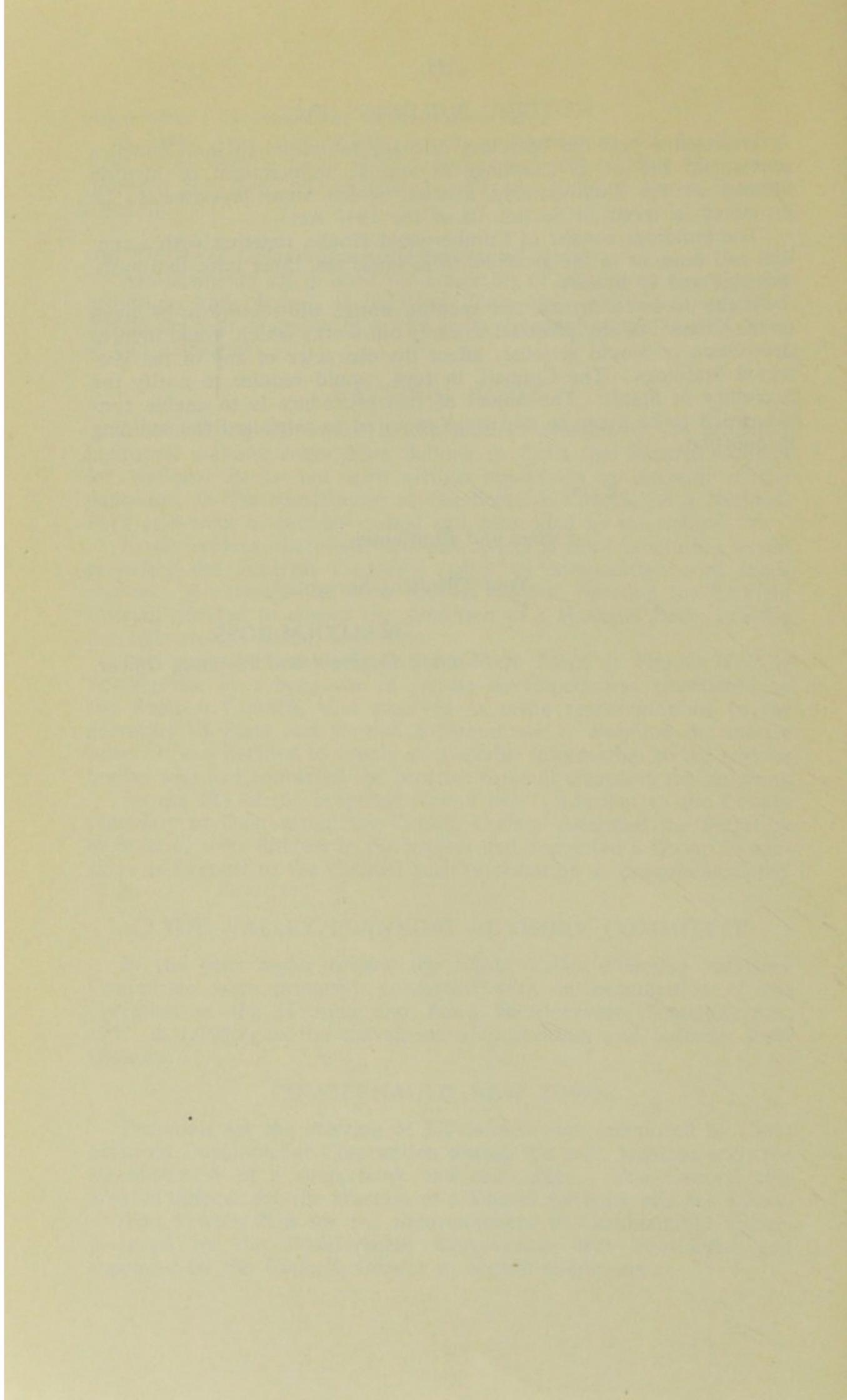
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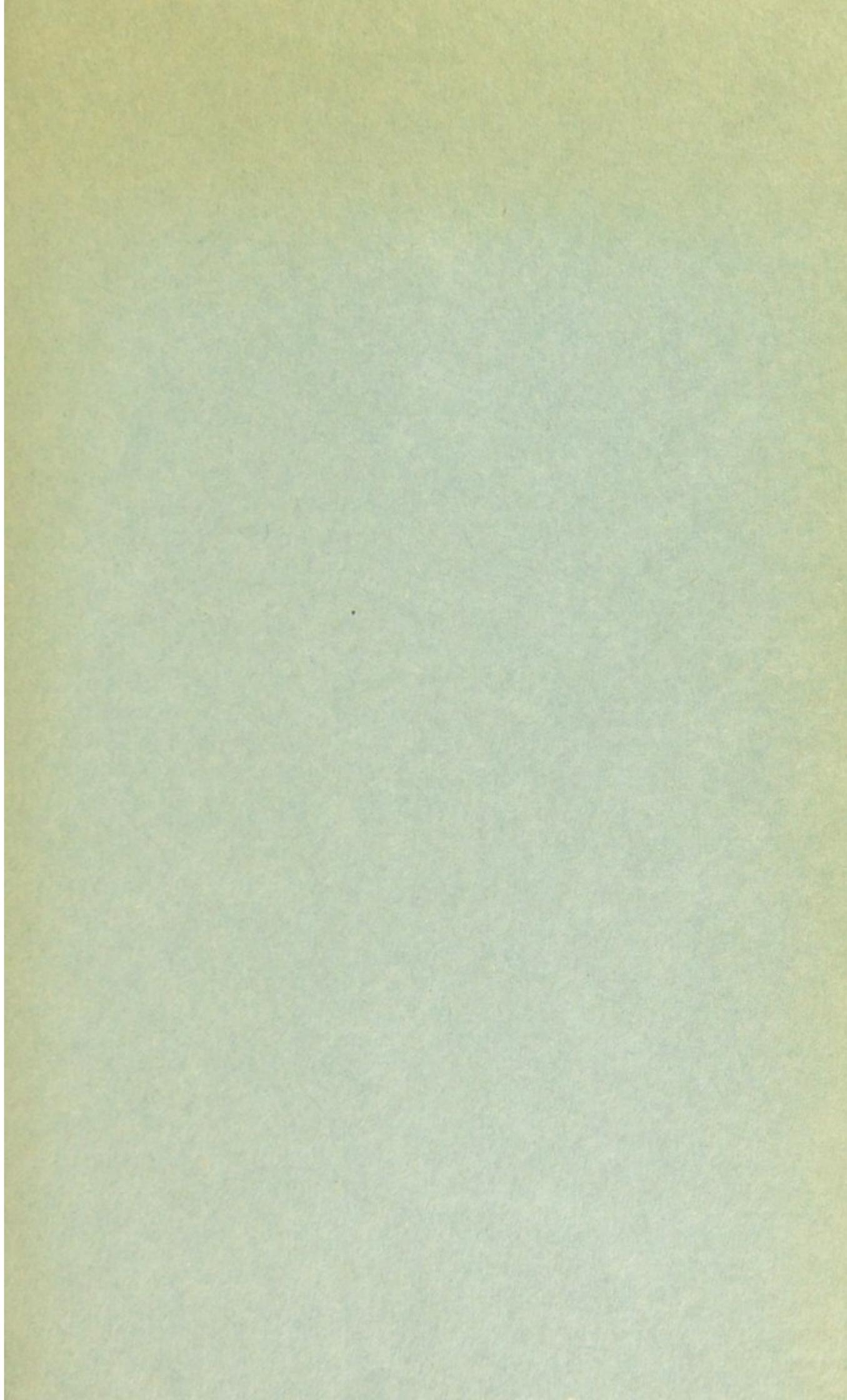
Ladies and Gentlemen,

Your Obedient Servant,

MALCOLM ROSS.

*County Engineer and Planning Officer.*







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