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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 1954

SCHOOL REPORT FOR YEAR 1954-55.



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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 Conditions of the County for the year 1954, together with the Report on the Medical Inspection and Treatment of School Children for the year 1954/55.

I am, Ladies and Gentlemen,

Your obedient Servant,

SAMUEL HARVEY,
Medical Officer of Health.

COUNTY HEALTH DEPARTMENT,
88 COLLEGE STREET,
DUMBARTON.

County of Dunbarton : Public Health Department

List of Staff as at 31st December, 1954.

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.

ALAN A. GILMOUR, M.D., D.P.H.

Assistant County Medical Officers of Health and School Medical Officers.

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

MARION H. C. CORNOCK, M.B., Ch.B., D.P.H.

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

Chief Welfare Officer.

GEORGE McCORKINDALE.

Chief Dental Officer.

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

Dental Surgeons.

Miss E. McKENDRICK, L.D.S.

Mrs. M. W. DINN, L.D.S.

Miss SHEILA S. SPEIRS, L.D.S.

Miss DOROTHY EDWARDS, L.D.S.

Mr. THOMAS HAMILTON, L.D.S.

Mr. JAMES RODGERS, L.D.S.

Mr. KENNETH H. DAVIS, L.D.S.

Mr. JAMES H. FERGUSON, L.D.S.

Miss HELEN M. GALE, B.D.S.

Senior Dental Technician.

JAMES FYFE.

Superintendent of Nurses.

Miss CATHERINE T. GAVIN.

Audiometrician.

Miss CHRIS. P. ROGERS.

Health Visitors and School Nurses.

C. S. L. KING,	M. MARTIN.*	A. TAYLOR.
K. S. STEVENSON,	F. MacNICOL.*	M. GILMOUR.
C. DEMPSEY.	B. JOHNSTONE.*	E. T. CRAWFORD.
A. GEE.	J. CLARK.*	A. JOHNSTON.
M. MILLER,	C. MacLEAN.*	J. P. McHAFFIE.
M. L. CALLAGHAN.	A. M. LEITCH.*	C. SCOBIE.
M. W. CHRISTIE.	M. G. MACDONALD.*	M. MACDONALD.
E. M. RANKIN.	J. P. SCOTT.	W. CAFFEL.
M. CALLANDER.	A. F. McLELLAN.	A. McCANN.
E. A. SANDILANDS.	E. R. McLETCHIE.	

*Home Nurses employed Part-time Health Visiting in Rural Areas.

Midwives.

J. R. RITCHIE. MARGARET MACDONALD. J. WATERHOUSE.

Home Nurses.

MARION MacDONALD.	CATHERINE M. DAVIDSON.
MARY PEATTIE.	AGNES G. KEAN.
JESSIE McRAE.	ELIZABETH SMITH.
MARION M. MACLEOD.	BELL JOHNSTONE.
JOAN E. PHILLIPS.	MARGARET G. MACDONALD.
JESSIE A. MACRAE.	MARY M. MARTIN.
MARGARET BARROWMAN.	C. MacLEAN.
JEAN J. CRAWFORD.	JESSIE P. ROBERTSON.
ANNIE M. LEITCH.	FLORA MacNICOL.
JANET S. CLARK.	JOHANNA HEATH.

Central Office Staff.

Administrative Assistant -	- L. McGOUGAN, D.P.A.
Home Help Supervisor -	- M. McKEAN.

Clerical Staff.

ELIZABETH C. LANG.	MARGARET WEIR.
MARY M. BUCHANAN.	ELIZ. MacFARLANE.
WM. B. GILLILAND.	PATRICIA GRUMLEY.
ROBT. LIVINGSTONE.	MARY BALLANTINE.
ELIZ. McLEAN.	JESSIE OLIVER.
BARBARA HOLLORAN.	

MEDICAL OFFICER'S REPORT

FOR YEAR 1954.

VITAL STATISTICS.

Population.—The Registrar-General estimated that the population at the middle of 1954 was 95,573, a decrease of 428 over the previous year. Comparative figures for the previous five years are as follows:—

<i>Year.</i>	<i>Estimated Population.</i>	<i>Year.</i>	<i>Estimated Population.</i>
1949 ...	... 95,311	1952 ...	... 96,052
1950 ...	... 95,358	1953 ...	... 96,001
1951 ...	... 95,581		

Births and Birth Rates.—The total number of live births registered in the County during 1954 was 1279, 39 more than in 1953. 531 births were transferred OUT and 936 were transferred IN, so that the net County total was therefore 1684 (861 males, 823 females), a decrease of 9 over the 1953 figures. The number of still-births registered in the County was 27, but, after allowing for 18 transferred OUT and 26 transferred IN, the net County total was 35 (18 males, 17 females), a decrease of 15 on 1953 figures. Of the 1684 live births, 53 were illegitimate. The corrected live-birth rate was 17.6 per 1000 of the population, compared with 17.4 in 1953. The still-birth rate was 20 per 1000 births (including still-births), compared with 29 in 1953.

Deaths and Death Rates.—The number of deaths registered in the County was 961, compared with 999 in 1953. 221 registrations were transferred OUT and 369 were transferred IN, so that the net County total was 1109 (557 males and 552 females), giving a death rate per 1000 of the population of 11.6 compared with 11.7 in 1953. 96 persons (34 males and 62 females) had attained the age of 85 or over at the time of death.

Infantile Mortality.—Total number of deaths of children under one year was 53 (25 males and 28 females), an increase of 1 over the 1953 figure. This gave an Infantile Mortality Rate of 31 per 1000 live births, which was the same as in 1953. Causes of death are shown in Table II on page 14.

Deaths from Infectious Diseases.—Deaths from principal epidemic diseases during 1954 totalled 4 and are shown in Table III facing page 14.

Deaths from Tuberculosis.—During 1954, 15 deaths occurred from tuberculosis (9 males, 6 females) a decrease of 2 from 1953 figures. Of the 15 deaths recorded, 14 were due to respiratory tuberculosis, giving a death-rate of 0.15 per 1000 of population, compared with 0.17 in 1953. Deaths from other forms of tuberculosis numbered 1 (1 female), as against 1 male death in 1953. The death-rate for all forms of tuberculosis was 0.16 per 1000 of population in 1954, compared with 0.18 in 1953, and it is indeed gratifying to note the progressive reduction in deaths from tuberculosis over the past few years.

Deaths from Influenza.—2 deaths (1 male and 1 female) were registered from this cause, a decrease of 5 from 1953 figures.

Deaths from Pneumonia.—26 deaths from pneumonia were recorded in 1954, which included 1 in the new-born. Comparative figures for 1953 were 33 (1 in the new-born).

Deaths from Cancer.—Cancer caused 214 deaths (116 males and 98 females) in 1954. Comparative figures for 1953 were 195 (99 males and 96 females), representing an increase of 19 in 1954.

COUNTY OF DUNBARTON (INCLUDING SMALL BURGHS).

TABLE I.—VITAL STATISTICS COMPILED FROM INFORMATION SUPPLIED BY THE REGISTRAR GENERAL.

	Number Registered in District.	Transfers.		Corrected Number.			Rate per 1000 of Estimated Population (Both Sexes).
		Out.	In.	Both Sexes.	Males.	Females.	
Births (including Illegitimate), ...	1279	531	936	1684	861	823	17·6
Births (Illegitimate), ...	46	19	26	53	32	21	23·1
Births (still births), ...	27	18	26	35	18	17	320
Marriages, ...	665	—	—	—	—	—	7·0
Deaths—							
All Causes, ...	961	221	369	1109	557	552	* 11·6
Tuberculosis (All Forms), ...	—	—	—	15	9	6	0·16
Tuberculosis (Respiratory System), ...	—	—	—	14	9	5	0·15
Principal Epidemic Diseases, ¹	—	—	—	4	2	2	0·04
Children aged under One Year,	—	—	—	53	25	28	431
" " Four Weeks	—	—	—	39	19	20	423

¹ Typhoid Fever, Meningococcal Infections, Scarlet Fever, Whooping Cough, Diphtheria, Influenza and Measles.

² Rate per 100 Live Births.

³ Rate per 1000 Total Births (including Still-Births).

⁴ Rate per 1000 Live Births.

* Rate adjusted for Age and Sex distribution = 11·6.

NATIONAL HEALTH SERVICE (SCOTLAND) ACT, 1947

SECTION 22.

CARE OF MOTHERS AND YOUNG CHILDREN.

Births Notified.—1684 births were notified in the County during 1954, of which 712 or approximately 41 per cent. took place at home.

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.
Pneumonia (Except of New Born)	—	6	6
Bronchitis (Except of New Born)...	—	2	2
Congenital Malformations	8	2	10
Birth Injuries, Post-Natal Asphyxia and Atelectasis	19	—	19
Non-Meningococcal Meningitis ...	1	1	2
Pneumonia of New Born	1	—	1
Meningococcal Infections	—	1	1
Other Diseases Peculiar to Early Infancy	9	1	10
Other Violence	1	1	2
TOTALS	39	14	53

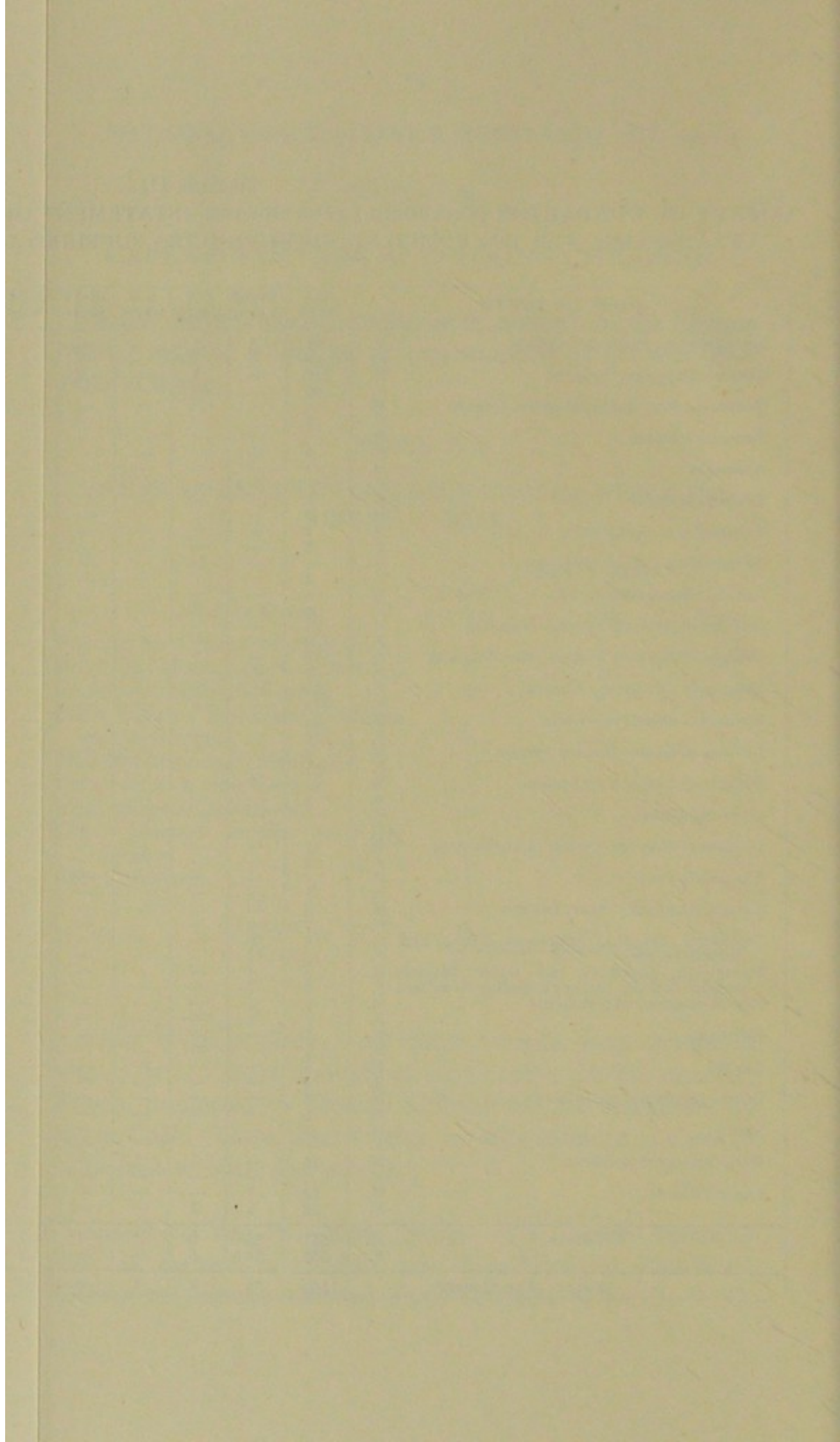
Child Welfare Clinics.—20 Clinic Sessions were conducted weekly in 13 Clinics throughout the County. Of this number, 8 were conducted by Medical Officers and the remainder by nurses only. These latter Clinics are well attended and are of value both to nurse and patient.

Ante-Natal and Post-Natal Clinics.—The Health Authority did not themselves conduct any Ante-Natal or Post-Natal Clinics but instead afforded clinic facilities to Dr. J. P. O.

TABLE III.

COUNTY OF DUNBARTON (EXCLUDING LARGE BURGHS)—STATEMENT OF CAUSES OF DEATH (CORRECTED FOR TRANSFERS), FOR 1954 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 M.	11	2	1	—	—	—	1	—	2	1	1	2	—
..... F.	19	5	1	—	—	—	—	—	1	—	4	8	2
Cancer—Malignant Tumours M.	116	—	1	—	—	1	2	2	18	32	29	25	6
..... F.	98	—	—	—	—	—	1	6	14	23	25	24	5
Tumours—Non-Malignant or not Defined M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	—	—	—	—	—	—	—	—	1	—	—	—
Venereal Diseases M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	2	—	—	—	—	—	—	—	—	2	—	—	—
Anaemias M.	1	—	—	—	—	—	—	—	—	—	—	1	—
..... F.	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes Mellitus M.	2	—	—	—	—	—	—	—	—	1	1	—	—
..... F.	3	—	—	—	—	—	—	1	—	—	1	1	—
Tuberculosis—Respiratory M.	9	—	—	—	—	—	—	—	6	2	1	—	—
..... F.	5	—	—	—	—	—	3	2	—	—	—	—	—
Tuberculosis—Non-Respiratory M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	—	—	—	—	—	—	1	—	—	—	—	—
General Diseases M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	6	—	1	—	—	1	—	1	1	1	—	1	—
Diseases of Nervous System—Vascular M.	71	—	—	—	—	—	—	3	4	11	23	26	4
..... F.	100	—	—	—	—	—	—	1	3	12	27	45	12
Diseases of Nervous System—Non-Vascular M.	10	—	—	—	1	—	2	1	—	3	2	—	1
..... F.	10	—	—	—	—	—	—	3	2	2	—	3	—
Diseases of Circulatory System M.	199	—	—	—	—	—	2	1	16	39	58	64	19
..... F.	215	—	—	—	—	—	—	4	9	17	52	93	40
Diseases of Digestive System M.	20	—	—	—	—	—	—	1	3	6	6	3	1
..... F.	14	—	—	—	—	—	1	—	4	2	4	3	—
Diseases of Genito-Urinary System M.	9	—	—	—	—	—	—	1	2	—	2	4	—
..... F.	11	—	—	—	—	1	1	1	3	2	1	2	—
Diseases of Respiratory System M.	25	2	—	—	—	—	—	—	3	10	7	3	—
..... F.	8	—	—	—	—	1	—	—	—	—	3	4	—
Puerperal Causes M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Skin and Organs of Locomotion M.	1	—	—	—	—	—	—	—	—	1	—	—	—
..... F.	4	—	—	—	—	—	—	—	—	1	1	2	—
Rheumatic Fever M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	—	—	—	—	—	—	—	—	—	1	—	—
Chronic Rheumatic Heart Disease M.	8	—	—	—	—	1	1	2	—	1	2	1	—
..... F.	7	—	—	—	—	—	—	—	2	4	1	—	—
Congenital Debility, Premature Birth, Malformations, etc. M.	15	15	—	—	—	—	—	—	—	—	—	—	—
..... F.	16	14	—	—	—	—	1	—	1	—	—	—	—
Pneumonia, Diarrhoea and Other Diseases peculiar to Early Infancy including New-Born M.	4	4	—	—	—	—	—	—	—	—	—	—	—
..... F.	7	7	—	—	—	—	—	—	—	—	—	—	—
Non-Meningococcal Meningitis M.	1	1	—	—	—	—	—	—	—	—	—	—	—
..... F.	1	1	—	—	—	—	—	—	—	—	—	—	—
Influenza M.	1	—	—	—	—	—	—	1	—	—	—	—	—
..... F.	1	—	—	—	—	—	—	—	—	—	1	—	—
Senility M.	5	—	—	—	—	—	—	—	—	—	—	2	3
..... F.	4	—	—	—	—	—	—	—	—	—	1	1	2
Causes Ill-Defined or Unknown M.	6	—	—	—	—	—	—	—	—	1	3	2	—
..... F.	5	—	—	—	—	—	—	—	1	—	2	2	—
Suicide M.	5	—	—	—	—	1	1	—	1	—	1	1	—
..... F.	—	—	—	—	—	—	—	—	—	—	—	—	—
Road Transport Accidents M.	15	—	1	1	—	2	4	2	4	—	1	—	—
..... F.	1	—	—	—	—	—	—	—	—	1	—	—	—
Other Violence M.	23	1	—	—	—	2	5	4	3	3	2	3	—
..... F.	12	1	1	—	—	—	—	—	1	1	3	4	1
TOTALS M.	557	25	3	1	1	7	18	18	62	111	139	138	34
..... F.	552	28	3	—	—	3	7	20	42	69	127	191	62
TOTAL—ALL CAUSES.	1109	53	6	1	1	10	25	38	104	180	266	329	96



Erskine, Area Obstetrician and Gynæcologist, who conducted these clinics as Out-Patient Services of Braeholm and Overtoun Maternity Hospitals. Weekly clinics of this kind were conducted in 1954 as follows:—

<i>Place.</i>		<i>Day.</i>	<i>Time.</i>
Harfield Clinic, Dumbarton	...	Tuesday	1.30 p.m.- 4. 0 p.m.
		Friday	1.30 p.m.- 4. 0 p.m.
The Clinic, Bank Street, Alexandria		Thursday	9.30 a.m.-12.30 p.m.
The Clinic, East King Street, Helensburgh	... ..	Monday	9.30 a.m.-12.30 p.m.
Whitecrook Clinic, Dean Street, Clydebank	... ..	Wednesday	1.30 p.m.- 4. 0 p.m.
		Friday	9.30 a.m.-12.30 p.m.

MATERNITY AND CHILD WELFARE.

DENTAL SERVICE.

The Statistical Report for the year on page 52, shows the extent of treatment carried out; as a comparison I have marked also the figures for the preceding year.

It will be observed from this table that the number of mothers seeking treatment has increased by 212.

The number of pre-school children taken to the Clinics is twice that of the previous year. (559 as against 279.) Conservation of the teeth of both mothers and children shows an increase also.

A total of 2016 attendances were made for treatment by all the Priority Classes.

The County Dental Officers also undertake the Dental Treatment of mothers and pre-school children for the Burghs of Clydebank and Dumbarton, the statistics for which are not included in this report.

While it is true to say that progress has been made during the year it is also a fact that many pre-school children with gross oral sepsis and others with teeth which could be conserved, still remain untreated in the County. The evidence of this is obvious on examination of their teeth on their being admitted to school at five years of age. How best to induce the parents to bring these children for treatment in the pre-school days is a problem which is still with us.

The emphasis laid on the operative work carried out during the year should not be taken as an indication that in operative dentistry we see the complete answer to the laying down of a dentally fit population. The large amount of operative work undertaken was unfortunately necessary, but it is to preventative dentistry we must look for our greatest contribution. The only foundation on which Preventative Dentistry can be built up amongst the people, is first an appreciation of the value of sound natural teeth.

F. A. CASSIDY.

DUNBARTONSHIRE COUNTY COUNCIL
MATERNITY AND CHILD WELFARE DENTAL SERVICE, 1954
 Total for County (excluding Burghs of Clydebank and Dumbarton)

	MATERNITY SERVICE		Child Welfare
	Ante-Natal	Post-Natal	
1. Number Inspected	57	203	559
2. Number Requiring Treatment	53	195	559
3. Number Accepting Treatment	53	195	559
4. Number Actually Treated	53	195	571
5. Number of Attendances	202	826	1088
6. Number Completed Treatment	33	106	466
TREATMENT			
(a) Number of Fillings	35	79	284
(b) Number of Teeth Extracted	314	475	1079
(c) Number Under Local Anaesthesia	25	148	132
(d) Number of Administrations of General Anaesthesia	43	57	236
(e) Number of Dentures Supplied	9	78	—
(f) Number of Dentures Repaired	1	3	—

U.V.L. Treatment.

The number of children treated in Child Welfare Clinics during 1954 totalled 97. Average number of treatments improved was 93 per cent. Details of cases are appended:—

<i>Causes of Reference.</i>	<i>No. of Patients.</i>	<i>Improved.</i>	<i>Unchanged.</i>
Debility ...	43	39	4
Glands ...	3	2	1
Chest, Bronchitis, etc. ...	24	21	3
Others ...	27	27	—

Provision of Layettes and Accouchment Sets.

(a) *Layettes*.—52 layettes were provided during 1954 and charges were made for these in accordance with the County Council scales of recovery. 13 were supplied free-of-charge, the applicants in all cases being unmarried mothers. Graded charges on the remaining 39 layettes were imposed as follows:—

NUMBER OF LAYETTES SUPPLIED, 1954.

13	...	...	Free	...	...	£0	0	0
12	...	...	10s.	..	...	6	0	0
3	...	...	15s.	...	...	2	5	0
5	...	...	25s.	...	...	6	5	0
3	...	...	30s.	...	...	4	10	0
4	...	...	35s.	...	...	7	0	0
2	...	...	40s.	...	...	4	0	0
1	...	...	45s.	...	...	2	5	0
1	...	...	50s.	...	...	2	10	0
2	...	...	55s.	...	...	5	10	0
6	...	...	60s.	...	...	18	0	0
—								
52						£58	5	0

(b) *Maternity Packs*.—In conformity with Government instructions, the Local Authority issued Maternity Packs, totalling 700, to all Home Confinement cases. The practice of issuing a suitable disinfectant in bulk to County Midwives for issue by them to patients was continued. The Local Authority paid for each pack 11s. 3d., and the annual cost to the Authority was therefore in the region of £395.

Day Nurseries.

(a) *Alexandria Day Nursery* (40 Places).—The Nursery continued to have a very large waiting list for places, though priority places were reserved for children of unmarried mothers, widows and estranged parents. The abnormally protracted negotiations with the land proprietors to allow of extension of this Nursery was nearer finality at the end of 1954. The scheme of extension and adaptation is expected to start in 1955.

(b) *Helensburgh Day Nursery*—(30 Places).—In Helensburgh the Nursery is part of the Clinic building and, as in Alexandria,

demand for places in the Nursery still exceeds availability, even with the extension in 1953, from 20 to 30 places. The waiting list, however, was not so large as in Alexandria where there is a greater industrial potential and correspondingly greater opportunity for employment of married women.

Residential Nurseries.

There are no Residential Nurseries in the County.

Care of Unmarried Mothers.

Arrangements exist with the undermentioned Homes to have unmarried mothers admitted for their confinements:—

1. The Salvation Army Home, 1014 Great Western Road, Glasgow.
2. The Salvation Army Home, Cleveden Road, Glasgow.
3. St. Gerard's Home, 218/220 St. Vincent Street, Glasgow.

During the year 2 cases were admitted to the Salvation Army Home, 1014 Great Western Road, Glasgow.

Domestic Help.

Domestic Helps assisted at 135 Home Confinements in 1954 an increase of 10 compared to 1953.

Welfare Foods.—Proprietary Brands.

The Local Authority continued to provide proprietary brands of Welfare Foods at Clinics at a charge of 2s. 9d. and 2s. 6d. per packet. In selected cases, at the discretion of the Area Medical Officer these foods are issued free of charge. Generally speaking, this scheme is operated at little cost to the Local Authority and Recovery Rate of costs is high.

During 1954 the undernoted quantities of various foods were issued:—

Cow and Gate Milk Food (Full Cream and Half Cream)	3189 pkts.
Ostermilk	576 pkts

Issue of National Dried Milk, Orange Juice, etc.

In June, 1954, the Local Authority, on Government instructions, took over all distribution of Welfare Foods (National Dried Milk, Vitamin Tablets, Cod Liver Oil and Orange Juice) formerly the responsibility of the Ministry of Food.

Meetings between the Government and Local Authority representatives to arrange the transfer of functions did not reach finality until nearer the end of May, and this did not leave a great deal of time before the operative date of 28th June. Further meetings between this Department and the Ministry of Food in Glasgow were, however, held and the take-over was smoothly effected in most areas on the due date.

For some months distributions were effected through the chemists in Kirkintilloch, but in December, 1954, this arrangement ceased and distribution was thereafter centred in the District Council Offices, Kirkintilloch, with a distribution continuing from a chemist's shop in Lenzie.

Distribution points were increased by the Authority from 27 (including 8 van stances) to 29, and by the end of the year all was set fair.

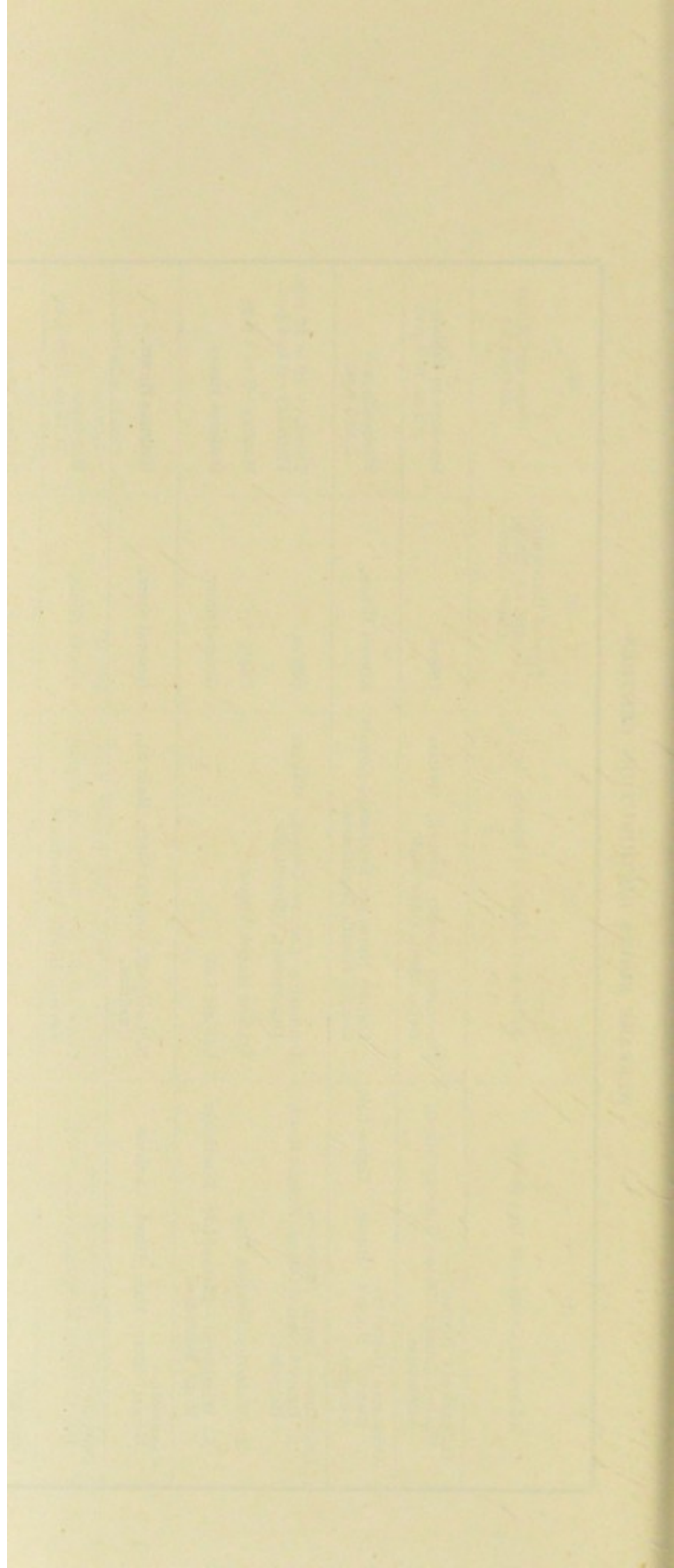
The Government continued to be responsible directly for Distribution costs of Foods from Glasgow to the various centres, but the Local Authority was nevertheless involved in additional expenditure in respect of Staff Wages and Expenses, Postages and other emergency transport charges in delivering urgent supplies to centres from their own central reserve stocks.

The service, particularly where Dried Milk is concerned, is used extensively by the public, but the uptake of Vitamin Tablets, Cod Liver Oil and Orange Juice is relatively low. This position would seem generally to exist throughout the country as a whole.

The Distribution Plan for the County is shown as follows:—

WELFARE FOODS DISTRIBUTION CENTRES

(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.
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.
BEARDSDEN—TWO POINTS— 1. District Council Offices, Roman Road, Beardsden. 2. Westerton Bowling Club 3. Whitehurst—Carcare Ltd., Duntocher Road, Beardsden.	Dunbarton County Council, Welfare Department, Office Staff. Staff or Health Visitor. Carcare Ltd.	Offices. Clinic General Store.	Tuesday—10 to 12 p.m. 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.	Health Clinic.	Mondays— 11.15 to 12.30 p.m.
CONDORRAT— Mollinson's Store, Main Road, Condorrat	D. Watt, Main Road, Condorrat.	General Store.	Business Hours.
CUMBERNAULD—(STATION)— 1. General Store, Station Buildings.	Mrs. A. Bell, Station Buildings, Cum- bernauld.	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— West U.F. Church Hall, Duntocher	C.C. Staff.	Hall.	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.
GARTCHURCH— Old Schoolhouse, Gartocham	District Nurse per Dunbarton County Council Health Department.	District Nursing.	First Wednesday of each month—3 to 4 p.m.
HELENSBURGH—TWO POINTS— 1. District Council Office, West King Street. 2. D.C.C. Clinic, East King St., Helens- burgh.	D.C.C., Welfare Department, Office Staff. Clinic Staff per Dunbarton County Council.	Office. Clinic.	Tuesday and Thursday— 10 to 12 and 2 to 4 p.m. Monday and Friday— 2 to 4 p.m.
KILCREGGAN— District Nursing House, Templeton Cot- tage, Kilcreggan.	District Nurse per Dunbarton County Council.	Nurse's House.	Wednesdays— 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, Roslea Cottage, Luss.	District Nurse per Dunbarton County Council.	Nurse's House.	First Tuesday of each month—4 to 5 p.m.
MILNGAVIE—TWO POINTS— 1. D.C.C. Rent Office, Gobel Housing Estate. 2. Masonic Hall, Douglas Street.	Mrs. Renton, 68 Station Road, Miln- gavie. Mrs. Renton, 68 Station Road, Miln- gavie.	Office. Private Hall.	Thursday— 10.30 to 12.30 p.m. Thursday— 2.30 to 4.30 p.m.
OLD KILPATRICK— D.C.C. Clinic, Erskine View, Old Kil- patrick.	C.C. Staff.	D.C.C. Health 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.	W.V.S. (Mrs. McSeveney).	Unionist Association Hall.	Thursday—10 to 12 noon
LENZIE— F. A. Arthur, Chemist, Post Office, Lenzie.	F. A. Arthur, Chemist.	Chemist and Post Office.	Business Hours.



Provision of New Clinics.

Building work commenced in Milngavie and it is hoped to have this Clinic available towards the end of 1955. In the Duntocher Area, consultations were held with Clydebank Town Council, with a view to sharing accommodation in the new clinic scheduled for that area in Goldenhill.

Premature Infants.

A "flying squad" service for premature babies born at home was operated from Braeholm Maternity Hospital, Helensburgh.

Braeholm and Overtoun Maternity Hospitals.

I am indebted to Dr. G. P. O. Erskine, Area Obstetrician and Gynæcologist, for the following report on admissions to Braeholm and Overtoun Maternity Hospitals:—

BRAEHOLM MATERNITY HOSPITAL

DUNBARTON COUNTY PATIENTS DELIVERED IN 1954.

Normal Confinements ...	214	Babies S.B. ...	10
Maternal Deaths ...	1	Babies died ...	3
Babies born alive in hospital	204	B.B.A. alive ...	7

ANTE-NATAL ADMISSIONS.

Ante-partum hæmorrhage...	30	Hæmaturia ...	1
External Version ...	3	Gynæcological ...	5
E.U.A. ...	1	Investigation of glycosuria	4
Hypertension ...	9	Frontal sinusitis ...	1
Hyperemesis ...	4	Eclampsia ...	1
Pyelitis ...	3	Prolapsed cord ...	1
Ectopic gestation ...	1	Ruptured uterus (hyster-	
Cardiac disease ...	6	ectomy) ...	1
False labour ...	6	P.P.H. ...	2
P.E.T. ...	50	Retained placenta ...	6
Abdominal pain ...	4	Anæmia ...	3

POST-NATAL ADMISSIONS.

P.P.H. ...	6	Retained placenta ...	2
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ABORTIONS.

Threatened	...	8	Complete	...	5
Incomplete	...	46			

OBSTETRIC CONDITIONS

	MOTHER.		CHILD.		S.B.
	Alive.	Died.	Alive.	Died.	
Breech Deliveries	...	6	...	5	1
Twins	...	5	...	10	—
Cæsarean Sections	...	16	...	15	1
Forceps	...	21	...	19	2
Hysterotomy	...	2	...	—	2

OVERTOUN MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1954.

Mothers	Alive	...	166	Babies	Alive	...	158
	Died	...	1		Still-born	...	5
B.B.A.	...	...	2		Died	...	4

ABORTIONS.

Threatened	...	4	Incomplete	...	12
Complete	...	2			
Breech	...	6	Failed Forceps	...	0
Premature	...	16	Craniotomy	...	0
Twins	...	2	Induction of Labour	...	25
Forceps	...	7	Mongol	...	0

ANTE-NATAL CONDITIONS.

High Blood Pressure	...	28	Albuminuria	...	9
Oedema	...	35	Respiratory Diseases	...	3
Ante-partum Hæmorrhage	...	3	Cardiac Disease	...	4
Hyperemesis	...	2	Contracted Pelvis	...	0
Pre-eclamptic toxæmia	...	15	Urinary Conditions	...	7
Eclampsia	...	1			

POST-NATAL CONDITIONS.

Puerperal Pyrexia	...	9	Adherent Placenta	...	2
Post-partum Hæmorrhage	...	11	Thrombo-Phlebitis	...	4
Mastitis	...	9			

SECTION 23.

MIDWIFERY.

Staff.

Notice of Intention to Practice in 1954 was received from Midwives, categorised as follows:—

Domiciliary—Directly employed by Local Authority ...	...	3
Domiciliary—Contractually employed by Local Authority ...	...	7
District Nurse/Midwives directly employed by Local Authority		20
Hospital Midwives—Braeholm ...	...	17
Maternity Nurses—Private ...	...	1
TOTAL ...		<u>48</u>

Home Confinements.

Births at home numbered 712, which again, as in the previous two years, continued the trend of approximately 50 per cent. of Confinements at home and 50 per cent. in Hospital or Nursing Home.

Analgesia.

All Midwives employed by the Authority, including those on a contractual basis, are in possession of Minnitt/Gas Air Apparatus. Gas and Air was given in 265 cases in 1954, while Pethedine was given in 319 cases. No midwives required training in Gas/Air administration during the year.

Supervision of Midwives.

The work and conduct of cases by Midwives was inspected regularly by the County Nursing Superintendent and found to be satisfactory.

The Training School status afforded to Braeholm and Overtoun Maternity Hospitals involves two of the County Midwifery Staff giving District training to Pupil Midwives.

In cases discharged from Maternity Hospitals within fourteen days of the Birth, Local Authority Midwives attended to the nursing puerperium up to the fourteenth day.

SECTION 24.

HEALTH VISITING.

Staffing.

At 31st December, 1954, Staff employed on Health Visiting numbered 24, categorised as follows:—

*Whole Time	17
†Part Time	7

*All Nurses are employed in school work.

†District Nurses acting also as Health Visitors.

As mentioned in my 1953 Report, arrangements were made for 3 Nurses to attend the Health Visitors Training Course run by the Corporation of Glasgow and their training was successfully completed in April, 1954. The Authority paid £5 per week to Trainee Nurses plus travelling allowances and was responsible for all class fees. Nursing Staff sent for training gave a written guarantee to remain in employment for a minimum period of two years following completion of the Course.

Clinic Work.

Attendances at Clinics showed some change from 1953 figures, an increase of 421 babies under 1 year brought to Clinic being recorded.

Health Visiting.

Visits decreased by almost 1200 over the 1953 figures, the total visits numbering 27,210 compared to 28,404 in 1953. Staffing needs are under constant review in this service, the reduction in domiciliary visiting being a natural result of increasing Clinic commitments.

No action to increase staff is however contemplated meantime pending the publication of the results of the National Enquiry into Health Visiting work.

SECTION 25.

HOME NURSING.

Staff.

At the end of 1954, there were 21 Home Nurses (1 Part-time), of whom 20 also acted as Midwives and 7 as Part-time Health Visitors in Rural Areas. The Staff was augmented by the appointment of an additional District Nurse/Midwife in Milngavie in September as foreshadowed in my 1953 Report.

Transport.

At the end of 1954, 17 motor cars were provided by the Authority, while in two instances a mileage rate was paid to Nurses owning their own vehicles. There still remained two areas where no car was provided.

Housing.

At December, 1954, housing circumstances of Home Nurses were as follows:—

Home Nurses in Houses owned by Authority ...	...	7
Home Nurses in Houses rented by Authority ...	...	9
Home Nurses in Houses owned/rented privately ...	...	5

General Review.

Routine supervision of Home Nursing duties was carried out by the County Nursing Superintendent and the conduct of cases found to be very satisfactory.

Visiting Returns remained comparable to 1953, though these remained relatively high at a total of 38,224, of which 19,615 visits were paid to people of 65 or over. These figures exclude visits paid by Home Nurses in their capacity as Health Visitors and/or Midwives.

Home Nurses acting as Midwives conducted approximately 50 per cent. of the Home Confinements in the County area, their bookings being restricted to not more than 4 per month, except in emergency.

TABLE IV.—HOME VISITATION.

AREA	Expectant Mothers		Children under 1 Year of Age		Children between Ages 1 and 5		Tuberculosis Cases		Domestic Help		Other Cases		Grand Total of Visits
	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	
Kirkintilloch Burgh	—	—	269	1,485	181	1,005	67	116	120	156	15	17	2,779
Kirkintilloch—Landward	20	56	301	1,837	368	1,451	23	137	59	691	50	258	4,430
Milngavie—Burgh	1	1	151	850	226	262	10	28	52	540	2	2	1,683
New Kilpatrick	—	—	350	1,267	573	1,183	23	66	165	482	57	152	3,150
Old Kilpatrick	18	50	221	1,904	308	2,076	9	129	37	383	27	111	4,653
Vale of Leven	—	—	538	1,786	750	1,618	68	307	60	308	84	234	4,253
Renton	9	18	122	820	125	896	9	85	31	212	14	14	2,045
Helensburgh	—	—	201	664	238	581	15	58	14	30	4	14	1,347
Rest of Western Area	—	—	132	936	108	991	9	163	20	102	117	670	2,870
Grand Totals	48	125	2,285	11,549	2,877	10,071	233	1,089	558	2,904	370	1,427	27,210

TABLE V.—MATERNITY SERVICE AND CHILD WELFARE SCHEME CLINICS.

DETAILS.	CLINICS.											
	County Totals.	Alexan- dria.	Renton.	Helens- burgh.	Dun- tocher.	Old Kil- patrick.	Bears- den.	Miln- gavie.	Cumber- nauld.	Croy.	Twechar.	Kirkin- tilloch.
Number of Clinics held—												
Health Visitor only attend- ing - - -	538	52	50	50	49	51	50	—	48	50	49	89
Doctor and Health Visitor Attending - - -	534	50	47	48	47	48	48	52	47	47	46	54
Ante-Natal Consultations—												
Number attending - - -												
Total attendances - - -												
Referred to Pre-Natal wards—												
Referred to Family Doctor Treated at Clinic - - -												
Post-Natal or other Consult- ations—												
Child Welfare Consultations—												
First attendances—												
Under one year - - -	1,942	341	105	152	149	107	376	98	74	96	58	323
Over one year - - -	2,175	303	134	172	178	202	453	76	146	140	76	232
Total Attendances—												
Under one year - - -	14,929	1,626	1,040	661	1,741	858	2,400	1,693	594	786	1,069	2,263
Over one year - - -	6,163	829	920	350	422	503	1,180	327	323	339	438	800

SECTION 26.

VACCINATION AND IMMUNISATION.

Vaccination.

The rate continued at a very low level, the Primary Vaccinations numbering 782 (839 in 1953) and Revaccinations 198 (218 in 1953). This is a far from satisfactory rate, and brings in infants alone a rate of approximately 25 per cent. vaccinated in their first year of life. Our aim continues to be a 100 per cent. vaccination rate.

Immunisation

1508 children received a full course of immunisation, while 2422 received maintenance or "boosting" inoculations. Comparative figures for 1953 were 1683 and 2113, so that little change took place over the two-year period. This is still an alarmingly low figure and continuing effort is necessary to convince parents of the vital necessity of immunisation despite the low incidence of the disease.

SECTION 28.

DOMESTIC HELP.

Staff.

148 Home Helps were employed at the end of 1954—11 full time and 137 part-time.

As in the past few years, these figures continue to show an increase in the number of part-time Home Helps as against a decrease in the number of full-time Home Helps. This is largely a reflection of the fact that more mothers are having their confinements in hospitals, thereby dispensing with the need for a Home Help, and any increase in the demand for the Home Help Service is in respect of the aged and chronic sick. While it meets the needs of the majority of cases in this category, it is not the answer to the problem of the increasing

number of old people living alone, without relatives, who become so helpless or senile that they should not be left alone after the Home Help leaves. In such cases the Home Help Service requires supplementation from some voluntary source, such as Old People's Welfare Committees, but in no area of this County is this type of voluntary help available. A night sitter service would be the answer to the problem, but unless this is supplemented by voluntary help, I cannot foresee Local Authorities meeting the entire costs of such a service.

TABLE XII.

DIPHTHERIA IMMUNISATION, 1954

RETURN FOR PERIOD 1ST JANUARY, 1954, TO 31ST DECEMBER, 1954.

<i>Year of birth of persons.</i>	<i>*Number of Children who completed a full course of immunisation during the year ended 31/12/54.</i>			<i>Number of mainten- ance inoculations given during the year ended 31/12/54.</i>
1954	...	...	115	—
1953	...	...	842	—
1952	...	...	198	—
1951	...	...	67	1
1950	...	...	36	9
1949	...	...	54	153
1948	...	...	88	712
1947	...	...	40	338
1946	...	...	23	127
1945	...	...	10	141
1944	...	...	18	494
1943	...	...	10	270
1942	...	...	2	68
1941	...	...	2	53
1940	...	...	3	49
1939 or earlier	...	—	—	7

* The information should be in respect of all children who have received the final injection of a course of immunisation during the year. As indicated in Appendix C to D.H.S. Circular 76/1948, the waiting period of 12 weeks for the development of immunity is now to be disregarded.

TABLE XIII—VACCINATION
RETURN FOR PERIOD 1st JANUARY, 1954 TO 31st DECEMBER, 1954

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
1954	364	7	1	30	—	—	—	—
1953	276	—	—	22	—	—	—	—
1952	32	—	—	2	—	—	—	—
1951	13	—	—	—	1	1	1	—
1950	9	—	—	1	2	—	1	1
1949	3	—	—	—	1	—	—	—
1948	3	—	—	—	2	—	—	1
1947	1	—	—	—	1	—	3	—
1946	2	—	—	—	—	—	—	—
1945	1	—	—	—	3	—	1	—
1944	2	—	—	—	—	—	1	—
1943	1	—	—	—	—	1	1	—
1942	2	—	—	—	—	1	—	—
1941	—	—	—	—	1	—	1	—
1940	1	—	—	—	1	—	—	—
1939 or earlier	8	—	—	1	54	37	64	17
Totals	718	—	1	56	66	40	73	19

SECTION 27.

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

Tables numbered VI, VII, VIII, IX and X show the statistical returns, as regards Tuberculosis, made to the Department of Health for the year 1954, corrected to agree with the Returns of the Registrar-General for Scotland.

The following information gives the main statistics for the Landward and Small Burghal Areas of the County extracted from the Tables.

LANDWARD AREA.

- 75 Respiratory cases came to notice, 57 notifications, 18 transfers in.
- 26 Non-respiratory cases came to notice, 25 notifications, 1 transfer in.
- 7 Deaths (6 respiratory and 1 non-respiratory)
- 209 cases treated in Sanatoria.
- 52 cases granted domiciliary treatment.

KIRKINTILLOCH.

- 18 Respiratory cases came to notice, 17 notifications, 1 transfer in.
- 6 Non-respiratory cases came to notice, all notifications.
- 3 Respiratory deaths.
- 72 cases treated in Sanatoria.
- 13 cases granted domiciliary treatment.

MILNGAVIE.

- 7 Respiratory cases came to notice, 5 notifications, 2 transfers in.
- No deaths occurred during the year.
- 7 cases treated in Sanatoria.
- 3 cases granted domiciliary treatment.

HELENSBURGH.

- 13 Respiratory cases came to notice, 11 notifications, 2 transfers in.
- 4 Non-respiratory cases came to notice, 3 notifications, 1 transfer in.
- 4 Respiratory deaths.
- 23 cases treated in Sanatoria.
- 9 cases granted domiciliary treatment.

COVE AND KILCREGGAN.

- 1 Respiratory case came to notice, 1 notification.
- 1 Respiratory death.
- 1 case treated in Sanatoria.
- 1 case granted domiciliary treatment.

Of the 91 notified cases 61 were admitted to institutions during the year. 26 of the notified cases had a positive sputum, and 24 of these cases were admitted to institutions.

Contacts.

235 x-ray examinations of contacts were made during the year, 3 of these contacts were found to be active, and received hospital treatment.

Extra Diet.

78 patients received extra nourishment (milk).

Rehabilitation.

No return for the year 1954 was made to the Department of Health. Contact with the Ministry of Labour Employment Exchanges was maintained to assist in the rehabilitation of patients and in the registration under the Disabled Persons (Employment) Act, 1944.

Housing.

18 families were rehoused on grounds of Tuberculosis by the Council during the year. Pulmonary Tuberculosis cases now carries an automatic priority in rehousing, while non-pulmonary cases are considered on their merits.

PART I—RESPIRATORY TUBERCULOSIS

—NUMBER OF CASES FORMALLY NOTIFIED OR REGARDED AS NOTIFIED FROM 1st JANUARY TO 31st DECEMBER, 1954.

	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 up- wards	
	1	2	3	4	5	6	7	8	9	10
Males	—	4	4	15	9	7	7	5	3	54
Females	—	1	4	17	9	1	3	1	1	37
Total	—	5	8	32	18	8	10	6	4	91

II.—NUMBER OF CASES CONFIRMED TO BE SUFFERING FROM ACTIVE RESPIRATORY TUBERCULOSIS DURING THE YEAR (EXCLUDING TRANSFERS IN BY ANOTHER AUTHORITY).

	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	
	1	2	3	4	5	6	7	8	9	10
Males	—	4	4	15	9	7	7	5	3	54
Females	—	1	4	17	9	1	3	1	1	37
Total	—	5	8	32	18	8	10	6	4	91

III.—METHODS BY WHICH NEW PATIENTS WERE DISCOVERED TO BE SUFFERING FROM RESPIRATORY TUBERCULOSIS DURING THE YEAR

Symptom group examination (M.M.R. or other)	79
Contact group examination (M.M.R. or other)	6
Mass Miniature radiography (general public). Including office and staffs	6
Routine Examination of special groups (M.M.R. or other) — School Staffs	—
— National Service Recruits	—
— Emigrants	—
Total	91

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

	Under 15 years	15 to under 45	45 and over	Total
Male	5	17	8	30
Female	4	24	3	31
Total	9	41	11	61

HOSPITAL ADMISSIONS AND DISCHARGES (RESPIRATORY TUBERCULOSIS)

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

		In Hospital on January 1	Admitted during year	Discharged during the year	Died in Hospital	In Hospital on December 31
Under 15 years	Male	1	2	3	4	5
	Female	2	11	8	—	5
15 to 45 years	Male	7	15	15	—	7
	Female	31	60	53	1	37
45 years and over	Male	45	61	53	2	51
	Female	11	21	13	4	15
Total	Male	—	4	2	—	2
	Female	96	172	144	7	117

VII.—NUMBER ON WAITING LIST FOR ADMISSION TO HOSPITAL AT 31st DECEMBER (RESPIRATORY TUBERCULOSIS)

(The classification is that made at the time the patient's name is placed on the Waiting List and in that used for radiological assessment).

		Months elapsing since name placed on W.L.										Total
		Classifi- cation*	-1	-2	-6	-9	-12	-18	-24	24+	Total	
Males	....	I.	—	1	2	—	—	—	—	—	3	
	....	II.	1	—	1	—	—	—	—	—	2	
	....	III.	—	—	—	—	—	—	—	—	—	
	....	IV.	—	—	—	—	—	—	—	—	—	
Females	....	I.	1	2	—	—	—	—	—	—	3	
	....	II.	—	2	1	—	—	—	—	—	3	
	....	III.	1	—	—	—	—	—	—	—	1	
	....	IV.	—	—	—	—	—	—	—	—	—	
Total		....	3	5	4	—	—	—	—	—	12	

PART II—NON-RESPIRATORY TUBERCULOSIS

VIII.—NUMBER OF CASES FORMALLY NOTIFIED OR REGARDED AS NOTIFIED AS SUFFERING FROM NON-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 up- wards		
1		2	3	4	5	6	7	8	9	10	
Males	—	—	3	2	2	2	1	—	1	11	
Females	—	—	3	4	2	3	1	2	1	16	
Total	—	—	6	6	4	5	2	2	2	27	

* Classifications are :—

I.—One Zone involved.

III.—More than three Zones involved.

II.—Two-three Zones involved.

IV.—Primary or Primary pleural effusion.

X.—NUMBER OF CASES NOTIFIED, OR INTIMATED, CONFIRMED TO BE SUFFERING FROM ACTIVE NON-RESPIRATORY TUBERCULOSIS DURING THE YEAR (EXCLUDING TRANSFERS IN BY ANOTHER AUTHORITY).

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 upwards	U Total
1. Abdominal	Males	—	—	—	1	—	—	—	—	—	1
	Females	—	—	—	—	—	—	—	—	—	—
2. Meningeal	Males	—	—	1	—	—	—	—	—	—	1
	Females	—	—	—	—	—	—	—	—	—	—
3. Miliary Tuberculosis	Males	—	—	—	—	—	—	—	—	—	—
	Females	—	—	—	—	—	—	—	—	—	—
4. Bones and Joints	Males	—	—	1	—	—	1	—	—	1	3
	Females	—	—	1	2	—	—	—	—	1	4
5. Superficial Glands	Males	—	—	1	—	—	—	—	—	—	1
	Females	—	—	2	1	1	2	1	1	—	8
6. Genito Urinary Organs	Males	—	—	—	—	1	1	—	—	—	2
	Females	—	—	—	—	—	—	—	—	—	—
7. Other Organs	Males	—	—	—	1	1	—	1	—	—	3
	Females	—	—	—	1	1	1	—	1	—	4
Total		—	—	6	6	4	5	2	2	2	27

PART III—ANALYSIS OF TUBERCULOSIS DEATHS
X.—NUMBER OF PERSONS WHO DIED FROM TUBERCULOSIS IN THE AREA DURING THE YEAR WITH THE PERIOD ELAPSING BETWEEN NOTIFICATION OR INTIMATION AND DEATH.
(Persons dying in sanatoria, etc., are included in the figures for the area in which they had their home residence)

	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	2	—	—	—
Notified less than 1 month before death	—	—	—	—
Notified from 1 to 3 months before death	2	—	—	—
Notified from 3 to 6 months before death	—	—	—	—
Notified from 6 to 12 months before death	—	1	—	—
Notified from 1 to 2 years before death	2	—	—	—
Notified over 2 years before death	3	4	—	1
Total	9	5	—	1

PART IV.—THE TUBERCULOSIS REGISTER
XI.—RETURN OF NUMBER OF PERSONS RESIDENT IN THE AREA AT 31st DECEMBER, 1954, 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)

	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 upwards	Total
1. Respiratory	Males	—	4	16	70	98	78	63	28	11	368
	Females	—	4	10	106	117	64	22	7	7	337
2. Non-Respiratory	Males	—	3	26	22	14	12	3	1	1	82
	Females	—	—	21	29	33	6	4	3	5	101

DEPARTMENT OF HEALTH FOR SCOTLAND

B.C.G. VACCINATION, 1954

Return for period 1st January, 1954, to 31st December, 1954.

	Tuberculin Tested		Negative Re-actors		Vaccinated during 1954	
	M.	F.	M.	F.	M.	F.
(1) Nurses	162	202	8	24	—	6
(2) Medical Students	—	—	—	—	—	—
(3) Contacts	103	126	63	88	44	45
(4) Special Groups not included in (1) to (3) above—						
(a) School leavers	142	166	90	109	87	109
*(b) New born babies	43	39	—	—	—	—
(5) Others (Hospital Domestics)	—	18	—	4	—	—

*Post Conversion Tests of Babies Vaccinated in Glasgow Maternity Hospitals.

GENERAL REVIEW.

(I) *Convalescent Homes.*

(a) Two admission lines to Voluntary Homes were received and issued to patients by the County Council, usually on the recommendation of the Area Welfare Officer.

(b) Children under 5 years old were admitted to Cardross Park Convalescent Home during 1954 and a charge made to parents in accordance with scales laid down by the Authority. This scale operated on the basis of 1s. per £ per week of Family Income plus Family Allowance where the admitted child was in receipt of it.

(c) The Local Authority purchased Ardgar House, Shandon, from the British Legion, and this came into operation as a Convalescent Home in May, 1954. Admissions from that date until the end of the year numbered 84, categorised as follows:—

No. of Children Admitted to Ardgar during 1954 (including 4 re-admissions)	84
No. of Children Discharged from Ardgar during 1954 ...	75
No. of Children still in residence at 31st December, 1954 ...	9

Causes of Reference

General Debility	...	...	...	...	...	...	43
Cœliac Disease	...	...	...	...	...	...	2
Bronchitis and Asthma	...	...	...	...	...	...	6
Enuresis	...	...	...	...	...	...	4
Rheumatism	...	...	...	...	...	...	4
Contacts of Tuberculosis	...	...	...	...	...	...	4
Children admitted under Children Act (including re-admissions)	...	...	...	...	...	...	10
Others	...	...	...	...	...	...	12
TOTAL	...	...	...	...	...	...	<u>84</u>

Other Convalescent Homes.

CARDROSS PARK HOME.

No. of Children in Cardross Park Home, Cardross, at 1st January, 1954	...	...	...	...	...	4
No. of Children Admitted to Cardross Park Home, Cardross, during 1954	...	...	...	...	...	17
No. of Children Discharged from Cardross Park Home, Cardross, during 1954	...	...	...	...	...	16
No. of Children still in residence at 31st December, 1954	...	...	...	...	...	5

Causes of Reference

General Debility	...	...	...	...	...	...	11
B.C.G. Vaccination	...	...	...	...	...	...	8
Premature	...	...	...	...	...	...	1
Others	...	...	...	...	...	...	1
TOTAL	...	...	...	...	...	...	<u>21</u>

EAST PARK HOME FOR INFIRM CHILDREN.

No. of Children in East Park Home, at 1st January, 1954	...	...	...	...	...	3
No. of Children Admitted to East Park Home during 1954	...	...	...	...	...	2
No. of Children Discharged from East Park Home during 1954	...	...	...	...	...	1
No. of Children still in residence at 31st December, 1954	...	...	...	...	...	4

Causes of Reference

General Debility.

WESTERTON OF MUGDOCK CONVALESCENT HOME.

No. of Children in Westerton of Mugdock at 1st January, 1954	...	...	...	...	...	...	1
No. of Children Admitted to Westerton of Mugdock during 1954	...	...	...	...	...	...	7
No. of Children Discharged from Westerton of Mugdock during 1954	...	...	...	...	...	...	8
No. of Children still in residence at 31st December, 1954...							Nil.

Causes of Reference

General Debility	...	...	...	...	...	...	6
------------------	-----	-----	-----	-----	-----	-----	---

(2) *Venereal Diseases.*

The Local Authority continued to co-operate in the follow-up of notified cases and contacts

(3) *Issue of Medical Equipment.*

Items of equipment, *e.g.* Wheel Chairs, Bed Pans, Rubber Sheeting, Air Rings, etc, were issued on loan, free of charge, to many patients through the agency of the Home Nurse in the district.

CONTROL OF INFECTIOUS DISEASES.

Scarlet Fever.—125 cases were reported during 1954, the figures for 1953 being 239. 102 cases were hospitalised.

Diphtheria.—1 case was notified in 1954, against 5 in 1953, and was hospitalised.

Erysipelas.—10 cases were notified in 1954, against 8 in 1953. 4 were hospitalised.

Primary Pneumonia.—109 cases were notified in 1954, against 129 cases in 1953. 71 cases were hospitalised.

Influenzal Pneumonia.—1 case was notified during 1954, against 12 in 1953.

Cerebro-Spinal Fever.—1 case was notified in 1954, the same as in 1953.

Puerperal Fever and Pyrexia.—There were 2 cases intimated during 1954, against a nil return in 1953.

Poliomyelitis.—2 cases were notified during 1954, and hospitalised. The figure for 1953 was 9 cases.

Smallpox.—For the fifth consecutive year, there were no cases of smallpox within the County.

Whooping Cough.—This disease became notifiable from 1st January, 1950. In 1954 there were 164 cases, of whom none were hospitalised. Comparative figures for 1953 were 207 of whom 3 were hospitalised.

Para-Typhoid Fever.—1 case occurred in 1954, the patient being a 62 year old man who subsequently made a good recovery.

Closure of Schools.—It was not found necessary to close any schools during the year.

COUNTY OF DUNBARTON.

TABLE XIV.—SHOWING THE NUMBER OF CASES OF INFECTIOUS DISEASE OCCURRING IN HOUSES
OF DIFFERENT SIZES, &c., IN 1954.

Disease.	Number of Apartments.					Cases occurring in					Total No. of Cases.	
	One.	Two.	Three.	Four.	Five.	Over Five.	Insti- tutions.	Hotels.	Ships.	Tents.		House- boats.
Paratyphoid, ...	...	...	...	1	...	...	...	...	...	...	...	1
Polio-myelitis, ...	...	...	1	...	...	...	1	...	...	...	...	2
Scarlet Fever, ...	1	21	32	56	9	6	...	...	...	...	...	125
Erysipelas, ...	1	1	3	3	...	...	2	...	...	...	...	10
Primary Pneumonia, ...	2	21	37	32	8	6	1	1	..	1	...	109
Influenzal Pneumonia, ...	...	...	...	1	...	...	...	...	...	...	...	1
Cerebro Spinal Fever, ...	...	...	...	1	...	...	...	...	...	...	...	1
Dysentery, ...	...	3	7	7	2	3	7	...	1	...	...	30
Malaria, ...	...	...	...	1	1	...	...	...	...	...	...	2
Clinical Diptheria, ...	...	...	...	...	...	...	1	...	...	...	...	1
Whooping Cough, ...	...	31	53	47	28	5	...	...	...	...	...	164
Puerperal Fever, ...	...	1	..	...	...	...	...	...	..	...	...	1
Puerperal Pyrexia, ...	...	...	1	..	..	...	...	...	...	...	...	1
TOTAL, ...	4	78	134	149	48	20	12	1	1	1	...	448

TABLE XV.—RETURN OF CASES OF INFECTIOUS DISEASE (EXCLUDING TUBERCULOSIS) NOTIFIED DURING THE YEAR ENDED 31ST DECEMBER, 1954

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 Age—Years							Cases removed to hospital	Cases not removed to hospital	
	At all ages	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	
Cerebro-Spinal Fever	1	2	3	4	5	6	7	8	9	11
Chickenpox	1	—	1	—	—	—	—	—	1	—
Cholera	—	—	—	—	—	—	—	—	—	—
Continued Fever	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—
Dysentery	1	3	3	6	1	1	1	1	2	8
Encephalitis Lethargica	18	—	—	6	1	1	—	2	1	3
Erysipelas	5	1	—	—	—	—	1	2	1	2
Jaundice, Acute Infective	5	—	—	—	—	—	—	5	1	4
Malaria	2	—	—	—	2	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—
Plague	—	—	—	—	—	—	—	—	—	—
Pneumonia, Acute Influenzal	1	—	—	—	—	—	—	1	—	1
Pneumonia, Acute Primary	57	6	8	5	5	5	9	16	8	16
Polomyelitis, Acute	52	3	8	6	—	—	5	12	8	22
Puerperal Fever	1	—	1	—	—	1	—	—	—	—
Puerperal Pyrexia	1	—	—	—	1	—	—	—	—	—
Scarlet Fever	1	4	17	30	2	1	1	—	—	5
Smallpox	71	1	29	39	—	2	—	—	—	18
Typhoid Fever	—	—	—	—	—	—	—	—	—	—
Para-Typhoid A.	—	—	—	—	—	—	—	—	—	—
Para-Typhoid B.	—	—	—	—	—	—	—	—	—	—
Typhus Fever	—	—	—	—	—	—	—	—	—	—
Whooping Cough	90	7	38	44	1	—	—	—	—	90
	74	8	26	38	—	1	—	1	—	74
TOTAL	229	21	68	85	6	6	12	20	11	122
	218	12	63	89	8	11	6	20	9	121



COUNTY OF DUNBARTON.
TABLE XVI.—CASES OF INFECTIOUS DISEASE COMING TO THE KNOWLEDGE
OF THE MEDICAL OFFICER DURING 1954.

AREA.	Cerebro-Spinal Fever.	Diphtheria.	Dysentery.	Erysipelas.	Malaria.	Pneumonia, Influenzal.	Pneumonia, Primary.	Polionmyelitis.	Para Typhoid.	Puerperal Fever.	Puerperal Pyrexia.	Scarlet Fever.	Whooping Cough.	Totals.
Bonhill, - - -	..	..	2	1	1	1	20	2	1	..	..	22	4	54
Cardross, - - -	..	..	..	1	..	..	11	..	..	..	..	9	1	22
Cumbernauld, - - -	..	..	..	1	..	..	7	..	..	..	..	4	104	116
Dumbarton (Landward), - - -	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Helenaburgh, - - -	..	..	..	..	..	..	8	..	..	..	..	..	..	8
Kilcreggan, - - -	..	..	..	..	..	..	2	..	..	..	..	..	..	2
Kilmarnock, - - -	..	..	..	..	..	..	1	..	..	..	..	1	..	2
Kilpatrick, East, - - -	..	1	5	..	..	..	3	..	..	..	..	16	3	28
Kilpatrick, West, - - -	..	..	..	3	..	..	19	..	..	1	..	9	17	49
Kirkintilloch (Burgh), - - -	..	..	12	2	..	..	28	..	..	..	1	30	27	99
Kirkintilloch (Landward), - - -	..	..	9	2	..	..	4	..	..	..	..	3	5	23
Luss, - - -	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Milngavie, - - -	1	..	1	..	..	..	2	..	..	..	..	32	2	38
Rhu, - - -	..	..	1	..	1	..	1	..	..	..	..	..	..	3
Rosneath, - - -	..	..	..	..	..	..	2	..	..	..	..	..	..	2
Totals, - - -	1	1	30	10	2	1	109	2	1	1	1	125	164	448
Removed to Hospital, - - -	..	1	19	4	2	..	71	2	1	1	1	102	..	204

I. CARE OF MOTHERS AND YOUNG CHILDREN (SECTION 22)

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

	No. of clinics* provided at end of year	No. of Children who first attended the clinics during year and who on the date of their first attendance were :—		Total No. of attendances made during year by children who at end of year 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	13	1,942	2,175	14,929	6,163
Clinics provided by Voluntary Organisations	—	—	—	—	—

* " Clinics " means Clinic premises, not sessions.

CHILD WELFARE CLINIC SESSIONS

Name and Address of Clinic	Number of Weekly Sessions with Health Visitor only	Number of Weekly Sessions with Health Visitor and Doctor	Total Number of Weekly Sessions
Alexandria—The Clinic, Bank Street	1	1	2
Renton—The Clinic, John Street	1	1	2
Helensburgh—The Clinic, East King Street	1	1	2
Duntocher—U.F. Church Hall	—	1	1
Old Kilpatrick—Erskine View	—	1	1
Twechar—Public School	1	1	2
Cumbernauld—Public School	1	1	2
Kirkintilloch—The Clinic, Lenzie Road	1	1	2
Kirkintilloch—Hillhead Community Centre	1	—	1
Milngavie—37 Station Road	—	1	1
Croy—The Clinic, M'Sparran Road × × ×	—	1	1
Bearsden—Hillfoot Clinic	1	1	2
Bearsden—Westerton Hall	1	—	1

(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	124	120	120	120
Nursing Mothers	309	301	301	301
Pre-school Children	706	703	703	703

(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—			
*The Salvation Army Home, Homeland, 1014 Gt. Western Road Glasgow, C.3	12	53	33
*St. Gerard's Home, 218-220 Renfrew Street, Glasgow, C.3	26		14

* Homes for Unmarried Mothers.

Total number of women admitted during the year to homes and hostels in Column (1) above (ignoring re-admission after confinement) 2.

(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 atten- dances during year		Waiting Lists at end of year	
		0-2	2-5	0-2	2-5	0-2	2-5	0-2	2-5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
NURSERIES PROVIDED BY THE AUTHORITY—									
Alexandria Day Nursery Ferryfield, Bank St., Alexandria	Yes	18	22	22	24	17	19	56	126
Helensburgh Day Nur- sery, 101 East King St., Helensburgh	Yes	16	16	16	18	14	17	16	15

(vi) **RESIDENTIAL NURSERIES AND CHILDREN'S HOMES** [provided as part of the Authority's arrangements under Section 22 of the National Health Service (Scotland) Act, 1947—Nil.

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

II. MIDWIFERY

(i) Total No. of births occurring in the area during year—that is before correction for mother's residence:—

Live Births, 1,261. Still Births, 21. Total, 1,282.

(ii) Total No. of births in (i) occurring in institutions (including private maternity homes) 570†.

(iii) No. of births in (i) occurring at home:—

Live Births, 708. Still Births, 4. Total, 712.

(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	engaged and not present at confinement	Midwife alone (no doctor engaged)	Doctor and Midwife engaged	Midwife alone (no doctor engaged)	Without doctor or Midwife	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) Midwives employed by the Authority (including those engaged on a fee-per-case basis)	171	527	1	—	—	—	699
(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	—	—	—	13	—	—	13
(e) TOTALS	171	527	1	13	—	—	712

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(1) 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 under Section 14 (1) of the Midwives (Scotland), Act, 1951, by a Midwife :—Nil

(vi) Administration of Analgesics

- (a) No. of domiciliary midwives in the area qualified to administer gas and air analgesia in accordance with the requirements of the Central Midwives Board for Scotland (**including** 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 **excluding** pupil midwives undergoing training on the district) Total 28
- (i) No. in (a) employed on local health authority work 28
- (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 gas and air in use in the area at 31st December, 1954 29
- (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) 29
- (ii) No. in (c) in use by domiciliary midwives not employed on local health authority work —
- (d) No. of sets on order at 31st December, 1954 —
- (e) No. of cases in which gas and air 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 ... 195
- (ii) When doctor was present at delivery ... 70
- (f) 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 ... 262
- (ii) When doctor was present at delivery ... 257

(vii) No. of Cars in use by midwives at 31st December, 1954 20

III. HEALTH VISITING (SECTION 24)

	No. of Visits paid by Health Visitors (or by District Nurses in their capacity as Health Visitors) during the year										
	Expectant Mothers*		Children under 1 year of age		Children between the age of 1 and 5		Tuberculosis cases		Other Cases†		Total Visits Paid
	First Visits†	Total Visits	First Visits†	Total Visits	First Visits†	Total Visits	First Visits†	Total Visits	First Visits†	Total Visits	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Health Visitors employed by the Authority	48	125	2,285	11,549	2,877	10,071	233	1,089	851	4,376	27,210
Health Visitors employed by Voluntary Organisations	—	—	—	—	—	—	—	—	—	—	—

Notes.—*These visits do not include visits paid by a midwife-health visitor who is to attend the confinement as a midwife or maternity nurse.

†Follow-up and other visits paid to schoolchildren under the School Health Service are not included in Columns 10 and 11.

IV. HOME NURSING (SECTION 25)

	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	2,151 (826)	38,224 (19,615)
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.

V. DOMESTIC HELP (SECTION 28)

(i) No. of Domestic Helps employed at end of year	148
(a) whole-time	2
(b) part-time	137
(c) Retaining fee basis	9
(ii) No. of cases for which Helps were provided during the year	611
(iii) No. of cases in (ii) provided on account of confinement :—	
(a) at home	135
(b) in hospital	35
(iv) No. of cases in (ii) provided on account of chronic sick including aged and infirm (if available)	319

VI. DOMICILIARY MIDWIFERY AND LOCAL HEALTH AUTHORITY NURSING SERVICES

Staff in post at 31st December, 1954.

Approximate present population 96,000.

(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 Sister-in-charge of District Mid- wives' Homes (see Note)	—	—	—	—	—	—
Midwives	3	—	—	—	—	—
Private practising Midwives	—	4	—	—	—	—
Total	3	4	—	—	—	—

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

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

	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	
Nurses and Midwives on combined duties in the Midwifery, Home Nursing and Health Visiting Services employed in the following categories :—					
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	—	—	—	—
Midwifery and Home Nursing duties	13	1	—	—	—
Midwifery and Health Visiting duties	—	—	—	—	—
Health Visiting and Home Nursing duties	—	—	—	—	—
Total	21	1	—	—	1

* Acts as Supervisor of Midwives.

(v) DAY NURSERIES, RESIDENTIAL NURSERIES AND CHILDREN'S HOMES provided under Section 22 of the National Health Service (Scotland) Act, 1947.

	Employed in Day Nurseries		Employed in Residential Nurseries and Children's Homes	
	Whole-time	Part-time	Whole-time	Part-time
Matrons—				
State registered (R.G.N., R.S.C.N., or R.F.N.)	2	—	—	—
Others	—	—	—	—
Deputy Matrons—				
State registered (R.G.N., R.S.C.N., or R.F.N.)	—	—	—	—
Others	1	—	—	—
Certificated Nursery Nurses	11	—	—	—
Enrolled Assistant Nurses	—	—	—	—
Nursery Students in Training	9	—	—	—
Other Staff (excluding domestics)—				
State registered (R.G.N., R.S.C.N., or R.F.N.)	1	—	—	—
Not State registered (Playmistresses, Nursery Assistants, Helpers, &c.)	—	—	—	—
Total	24	—	—	—

Whole-time(ii) **HOME NURSING SERVICE—NII.**
 (iii) **HEALTH VISITING SERVICE**

	No. Employed		No. holding Health Visitor Certificate
	Whole-time	Part-time	
Health Visitors and other Public Health Nurses (not undertaking Midwifery or Home Nursing duties) employed in the following categories :—			
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	—	3
Health Visitors employed on all duties, including tuberculosis and school health work	17	—	11
Child Protection Visitors	—	—	—
Nurses employed solely at Local Health Authority Clinics	—	—	—
Other Local Health Authority Nurses	—	—	—
Total	22	—	14

MATERNITY AND CHILD WELFARE DENTAL SERVICE
 (Excluding Burghs of Clydebank and Dumbarton)
 COMPARISON OF STATISTICS 1953-54

	Ante-Natal		Post-Natal		Pre-School Children	
	1953	1954	1953	1954	1953	1954
1. Number Inspected	11	57	37	203	279	559
2. Number Requiring Treatment	11	53	37	195	279	559
3. Number Accepting Treatment	11	53	37	195	276	559
4. Number Actually Treated	11	53	35	195	276	571
5. Number of Attendances	26	202	101	826	600	1088
6. Number of Completed Cases	7	33	27	106	288	466
TREATMENT						
	1953	1954	1953	1954	1953	1954
(a) Number of Fillings	7	35	11	79	147	284
(b) Number of Teeth Extracted	39	314	329	475	724	1079
(c) Number under Local Anaesthesia	2	25	12	148	22	132
(d) Number of Gen. Anaesthetics	4	43	33	57	206	236
(e) Number of Dentures Supplied*	—	9	25	100	—	—
(f) Number of Dentures Repaired	—	1	—	—	—	—

* Induces 122 partial dentures.

NURSERIES AND CHILD MINDERS REGULATIONS, 1948.

No applications were received in respect of premises during 1954, and no intimations were received from Child Minders.

PORT HEALTH ADMINISTRATION.

C.

This Local Authority makes an annual payment to the City of Glasgow for services carried out by that Authority on our behalf. Additionally, suitable arrangements were made for docking of Oil Tankers at Finnart which is our Area.

FOOD SUPPLY.

D.

This matter is dealt with in the Sanitary Inspector's Reports.

MISCELLANEOUS.

E.

NATIONAL ASSISTANCE ACT, 1948.

Part III Accommodation.

While available accommodation in the Local Authority Area did not improve, progress was made towards the erection of two Homes—Milton, Dumbuck, by Bowling, to accommodate 25, and Alexandria, where a conversion of a standard Block of four 4-aprt. Houses was planned to accommodate 15. It is hoped to have the Alexandria Home in full use early in 1955 and the Milton Home in 1956.

During the year 29 cases were admitted to Part III Accommodation in Townend, Dumbarton.

Medical Supervision and Services.

Medical Supervision and Services were provided in Townend, Dumbarton, the only Part III Accommodation within the area at present.

Registration and Inspection of Homes for the Aged and Disabled.

No applications were received during 1954.

Removals (Section 47).

No compulsory removals were undertaken during 1954.

Care of Property (Section 48).

In two cases arrangements were made for the care of property while householders were detained in hospital.

Burials (Section 50).

During the year 1954, 15 burials took place and were paid for by the Local Authority. In two cases the cost was recovered, in full, and in other two cases in part.

SECTION 29.

WELFARE SERVICES.

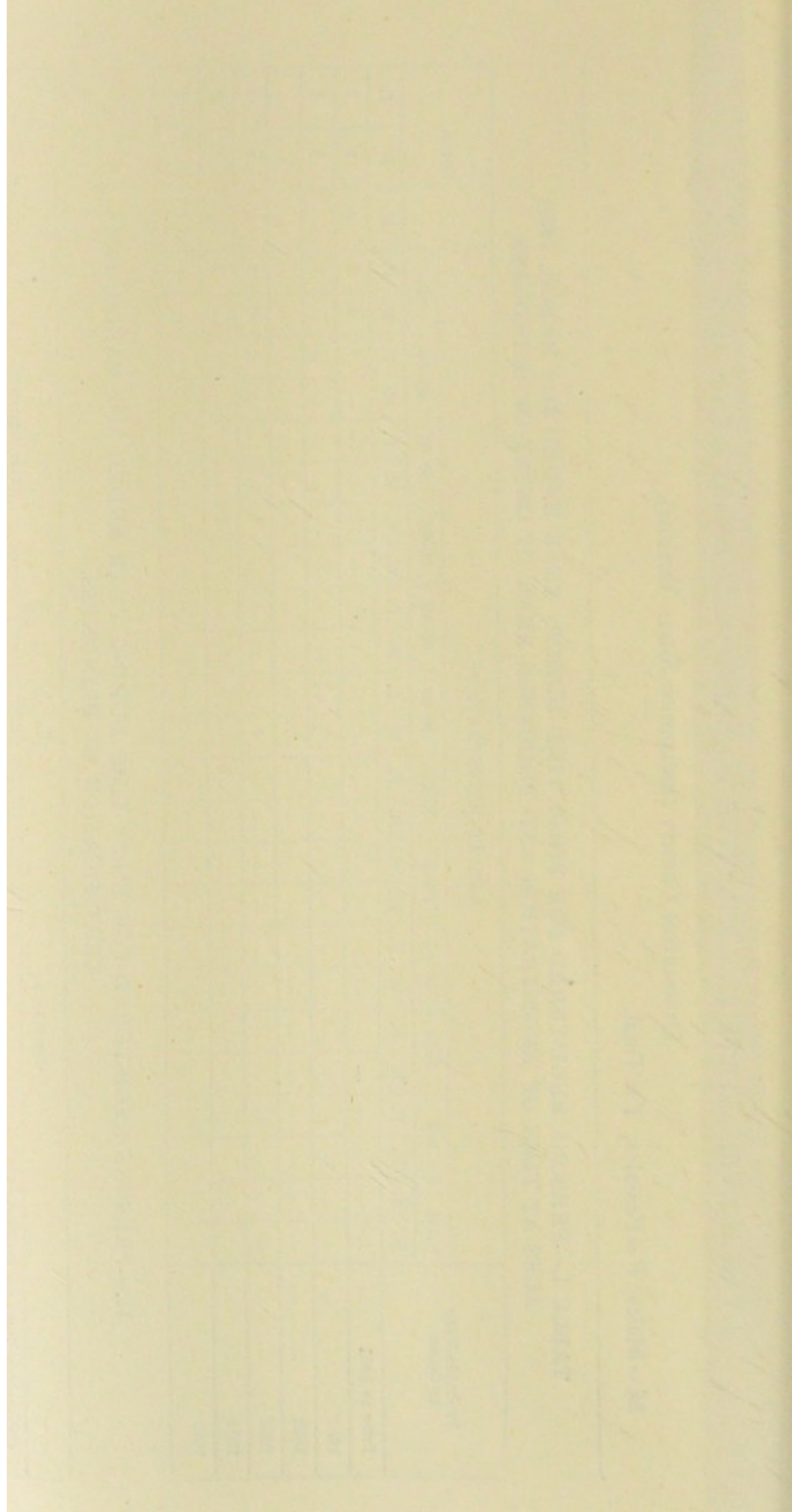
Handicapped Persons.

Little progress was made during the year in providing home training for the handicapped (excluding blind).

Blind Persons.

Registered Blind Persons in the County at 31st March, 1954 numbered 136, a decrease of 2 from the previous year. Of the total, 18 were new registrations, of which 3 only were under 65 years of age, thus cutting down at the outset the trainability prospects. Of the County total of 136, 95 were over 60 years of age. A total of 14 were employed as follows:—

In Workshops for the Blind	...	...	...	7
In Approved Home Work	...	...	...	1
Others	...	...	...	6



Radio Licences (Wireless Telegraphy (Blind Persons Facilities) Act, 1926).

During 1954, 7 certificates were issued to registered Blind Persons.

Statistics: The following Tables show the statistics of Blind Persons in Dunbarton County on an Area Basis.

TABLE XVII.

	On Register at 1/1/54.	Added during year.	Total.	Died During Year.	Left district during year.	Certification withdrawn.	On Register at 31/12/54.
Burgh of Kirkintilloch,	16	1	17	1	1	...	15
Burgh of Helensburgh,	11	5	16	1	...	...	15
Burgh of Milngavie, ...	13	4	17	1	...	...	16
Burgh of Kilcreggan, ...	1	...	1	1	...	...	...
Eastern Area (Landward), ...	43	5	48	7	3	...	38
Western Area (Landward), ...	47	8	55	4	...	...	51
	131	23	154	15	4	..	135

MENTAL HEALTH SERVICES.

The following report has been provided by the Chief Welfare Officer, covering the period 1954/55.

Lunatic and Mental Defectives under Supervision.

	Males.	Females.
Boarded out Lunatics	3	2
Boarded out Mental Defectives	7	9

Allowances Paid to Guardians.

Lunatics ...	£352 5s. 6d.	(Recoverable from Regional Hospital Board).
Mental Defectives	£1,185 16 0	
Clothing Allowance, etc.	25 3 8	
	<u>£1,210 19 8</u>	

Removals to Mental Hospitals.

Cases	...	...	...	...	...	...	55
-------	-----	-----	-----	-----	-----	-----	----

Awaiting Admission to Certified Institutions.

On waiting list at 15th May, 1954	...	...	12
Reported during the year	...	...	2
			14
Admitted during the year	...	...	2
			12
On waiting list at 15th May, 1955	...	...	12

Notified by Education Committee.

Six cases were notified by Education Committee of children attending Special Schools who had attained 16 years of age. One child was removed to a Certified Institution; one placed under guardianship of a stepsister, and the parents of the remaining 4 children did not wish any action taken and as the home circumstances are satisfactory they remained in the care of their parents.

Cases for whom Reports were obtained.

The General Board of Control has called for reports on the home conditions in the case of 32 patients in Certified Institutions.

NURSING HOMES REGULATION (SCOTLAND) ACT, 1938.

There are no registered Nursing Homes within the County.

HEALTH EDUCATION.

No specific campaign was carried out during the year, but literature was issued regularly to all Health Department Agencies.

GENERAL SANITATION.

Water Supplies.

Loch Lomond continued to be sampled and the reports showed consistently that the water was bacteriologically unsuitable for drinking purposes without suitable treatment.

At one farm, a complaint that the public water supply had caused the death of cattle from lead poisoning was shown to be without foundation.

The Army suggested that the water supply to one of their Camps was bacteriologically unsuitable, but following a meeting, where it was pointed out that the source of the supply was above reproach, the complaint was dropped.

A Naval Establishment asked that their water supply be chlorinated. Their supply comes from the ordinary public source and it was agreed that, if the Navy wished to chlorinate their supply, this was a matter entirely for themselves, as this Authority felt that with regard to their own residents such a step was unnecessary.

Rivers Pollution.

Complaints regarding pollution were received in regards the River Bothlyn and the Cochno. In the case of the River Bothlyn the complaint was from the local angling club and it was found that a certain amount of coal gum and tar were present in the river. The attention of the persons concerned mitigated the pollution.

In the Cochno Burn there was a general complaint of "menace to health" but this could not be substantiated on inspection.

River Allander.

Complaints of "froth" from the Allander were received. The position is that the effluent from the Allander Paper Works is agitated by the Mill at Watt's Mill and the resultant froth blown into houses in Milngavie. A definite nuisance to householders results.

At the works at the time of inspection recovery rate was reasonably good but no remedy of the difficulty is possible unless either agitation at the Mill ceases or some as yet unknown recovery method comes into being. The volume of water in the River Allander varies, and were it possible to increase the flow from Kilmannan Reservoir there would be a definite improvement. There is no doubt that laxity of control of recovery and of the filters is a further contributory factor.

River Luggie.

Inspection at Drumgrew Pit showed that the settlement ponds were not only overloaded but breached. As a result gum reached the Luggie via a ditch from Drumgrew Moss. The National Coal Board will certainly require to undertake a major work to prevent this periodic pollution.

At the stage of the inspector's examination the organic matter in suspension was 124 parts per 100,000 and dissolved oxygen 0.15 per 100,000. While at this stage there was no danger to fish life, nevertheless it was pointed out to the persons at the pit that, unless the pollution was remedied, then cumulative de-oxygenisation of the river would occur.

Clyde and Gareloch.

Following a complaint from Helensburgh regarding Craigendoran beach, it was found that a sewer did not discharge below low water mark. The Sanitary Inspector dealt with the complaint.

There were no complaints of oil pollution, although periodically the smell of oil was obvious. There seems no doubt that cleaning of bilges, etc., is now being better attended so that ground for complaint has been minimised.

Offensive Trades.

No complaints were received.

OTHER MATTERS.

Meteorology.

Reference should be made to Table XIX on page 60.

HOUSING PROGRESS REPORT.

HOUSES COMPLETED DURING THE YEAR 1954.

<i>Site.</i>	<i>Trad- tional.</i>	<i>Non- Traditional.</i>	<i>Agri- cultural.</i>	<i>Total.</i>
Muirland, Luss			Trad. 4	4
Craiglinn, Croy			Trad. 4	4
Haldane		Bellstone 88		88
		Orlit 132		132
Auchentoshan		Lawrence 22		22
Milton (Old Folks) 6		Blackburn 6		12
Chapelhill		Weir 4		4
Old Kilpatrick		Weir 2		2
Hardgate				
Cordale, Renton 30				30
Rhu		Lawrence 10		10
Bendarroch		Orlit 22		22
Arrochar 4				4
Croftamie		Lawrence 12		12
Cumbernauld Station ...		Lawrence 12		12
		Weir 26		26
Condorrat (Old Folks) 6				6
Twechar (Old Folks) 6				6
	<u>52</u>	<u>336</u>	<u>8</u>	<u>396</u>

TABLE XIX.—RAINFALL DURING 1954

STATION	OBSERVER	Rain Gauge			January	February	March	April	May	June	July	August	September	October	November	December	Totals
		Diameter	Ht. above Ground	Ht. above Sea-level													
Whistlefield, Clear Water Tank	Malcolm Ross, County Engineer	in. 8	ft. in. 1 0	ft. 342	5.98	4.80	4.56	1.49	4.27	3.98	2.83	2.66	9.92	10.59	7.15	11.12	69.35
Rhu, Filter House	Do.	8	1 0	350	5.83	6.57	3.12	2.69	4.45	3.86	2.69	3.88	6.25	9.60	6.46	9.60	65.00
Valve House, Luss Rd., Helensburgh	A. Duncan Romisch, Burgh Surveyor	8	1 0	293	7.74	5.53	3.39	3.20	4.69	3.33	4.17	5.43	8.07	10.35	6.81	8.78	71.49
Renton Filters	E. Carberry, Alexandria	8	4 0	292	6.34 16	4.16 17	3.92 17	2.20 12	4.35 15	3.17 17	3.32 21	5.62 19	7.07 28	9.69 25	7.13 24	7.18 27	64.15 288
Garshake	William Wilson, Burgh Engineer	8	1 0	235	5.71	5.71	3.61	2.40	4.35	3.20	2.78	4.83	6.99	9.01	6.78	5.84	61.21
Loch Humphrey	Do.	8	1 0	1052	5.29	5.80	4.12	2.80	4.16	4.38	3.87	6.82	8.64	10.93	7.60	7.78	72.19
Main Sewage Stn., Dumbarton	Do.	5	1 0	11	5.52	5.25	3.65	1.78	4.41	2.82	2.44	4.93	6.40	9.99	7.98	6.68	61.85
Glen Finlas	E. Carberry, Alexandria	....	....	....	9.16 17	6.39 18	5.20 16	4.87 12	5.52 13	7.10 18	6.29 23	9.62 25	12.42 28	16.29 26	10.75 25	14.57 27	108.18 248
Cochno Filters ....	....	5	1 0	400	5.71 18	5.33 18	2.77 16	2.16 11	4.32 12	3.19 19	3.81 19	5.63 22	6.64 27	10.04 26	6.68 26	5.99 27	62.27 241
Cochno Loch	J. E. McWilliams, Superintendent	5	1 0	909	5.26	3.70	5.66	2.74	5.46	4.73	4.95	6.39	8.81	11.77	8.05	8.60	76.12
Jaw Reservoir	Do.	5	1 0	912	6.02	6.28	5.32	2.71	5.28	5.16	5.00	6.07	8.31	11.48	8.08	9.01	78.72
Greenside Reservoir	Do.	5	1 0	875	6.25	7.17	3.68	1.99	5.06	4.60	4.37	6.28	7.46	11.87	7.92	6.64	73.29
Mugdock Reservoir	Malcolm Ross, County Engineer	....	....	325	6.62	4.66	2.72	2.18	3.57	3.89	3.52	5.93	7.04	10.52	7.45	6.73	64.83
Mean Rainfall (Scotland)	Meteorological Reports	....	....	....	3.46 18	3.14 18	2.36 16	1.50 9	3.83 14	2.78 17	2.93 19	4.15 21	4.27 24	7.64 23	5.19 23	4.42 24	45.67 225

HOUSING (SCOTLAND) ACT, 1950.

During the year 73 Representations were made affecting 123 houses under the Housing (Scotland) Act, 1950.

BONHILL.

<i>Situation of Property.</i>	<i>No. of Houses.</i>	<i>Apartments—</i>					
		1	2	3	4	5	10
<i>Closing Order:</i>							
138 Bridge Street, Alexandria	... 1	—	1	—	—	—	—
160 Bridge Street, Alexandria	... 1	—	—	1	—	—	—
317 Main Street, Alexandria	... 1	1	—	—	—	—	—
40 Main Street, Alexandria	... 1	—	1	—	—	—	—
34 Lennox Street, Alexandria	... 2	2	—	—	—	—	—
11 North Street, Alexandria	... 1	—	1	—	—	—	—
76 North Street, Alexandria	... 1	1	—	—	—	—	—
78 North Street, Alexandria	... 1	1	—	—	—	—	—
15 Susannah Street, Alexandria	... 1	—	1	—	—	—	—
17 Susannah Street, Alexandria	... 1	—	1	—	—	—	—
24 Gray Street, Alexandria	... 1	—	1	—	—	—	—
38 Random Street, Alexandria	... 1	1	—	—	—	—	—
14 Crescent, Alexandria	... 2	—	1	1	—	—	—
16 Crescent, Alexandria	... 1	—	1	—	—	—	—
18 Crescent, Alexandria	... 1	—	1	—	—	—	—
36 Crescent, Alexandria	... 1	—	—	1	—	—	—
38 Crescent, Alexandria	... 2	—	1	—	1	—	—
40 Crescent, Alexandria	... 1	—	1	—	—	—	—
42 Crescent, Alexandria	... 1	—	1	—	—	—	—
44 Crescent, Alexandria	... 2	—	1	1	—	—	—
46 Crescent, Alexandria	... 1	—	1	—	—	—	—
373 Main Street, Bonhill	... 2	—	2	—	—	—	—
379 Main Street, Bonhill	... 1	—	1	—	—	—	—
43 Campbell Street, Bonhill	... 1	—	1	—	—	—	—
Hawthorn Cottage, Ballagan	... 1	—	1	—	—	—	—
<i>Demolition Order:</i>							
7 Random Street, Alexandria	... 1	—	1	—	—	—	—
9 Random Street, Alexandria	... 1	—	1	—	—	—	—
30 Random Street, Alexandria	... 1	—	1	—	—	—	—
36 Random Street, Alexandria	... 1	1	—	—	—	—	—
60 North Street, Alexandria	... 1	—	—	—	—	—	1
26 Gray Street, Alexandria	... 2	—	2	—	—	—	—
28 Gray Street, Alexandria	... 1	—	—	1	—	—	—
66/70 Susannah Street, Alexandria	8	4	4	—	—	—	—
53 Main Street, Bonhill	... 1	1	—	—	—	—	—
55 Main Street, Bonhill	... 1	—	—	1	—	—	—
		48	12	28	6	1	1

RENTON.

Situation of Property.	No. of Houses.	Apartments—					
		1	2	3	4	5	10

Closing Order:

67 Main Street, Renton	...	1	—	1	—	—	—	—
170 Main Street, Renton	...	1	—	1	—	—	—	—
245 Main Street, Renton	...	1	—	1	—	—	—	—
20 Burn Street, Renton	...	1	—	1	—	—	—	—
135 Back Street, Renton	...	2	2	—	—	—	—	—
133 Back Street, Renton	...	2	2	—	—	—	—	—
127 Back Street, Renton	...	3	—	3	—	—	—	—

Demolition Order:

12 Waterside Place, Renton ...	... 6	2	4	—	—	—	—
14 Waterside Place, Renton ...	... 1	—	1	—	—	—	—
39 Thimble Street, Renton ...	... 1	1	—	—	—	—	—
8 Stirling Street, Renton ...	... 4	—	4	—	—	—	—
10 Stirling Street, Renton ...	... 2	—	2	—	—	—	—
27 Main Street, Renton ...	... 2	1	1	—	—	—	—
31 Main Street, Renton ...	... 1	—	1	—	—	—	—
	28	8	20	—	—	—	—

CLYNDER.

Situation of Property.	No. of Houses.	Apartments—					
		1	2	3	4	5	10
Closing Order:							
Victoria Place, Clynder ...	... 2	—	1	—	1	—	—
	2	—	1	—	1	—	—

SHANDON.

<i>Situation of Property.</i>	<i>No. of Houses.</i>	<i>Apartments—</i>					
		1	2	3	4	5	10
<i>Closing Order:</i>							
Woodbank Place, Shandon	... 4	1	2	1	—	—	—
Woodside Cottage, Shandon	... 1	—	—	—	—	1	—
	5	1	2	1	—	1	—

GARELOCHHEAD.

<i>Situation of Property.</i>	<i>No. of Houses.</i>	<i>Apartments—</i>					
		1	2	3	4	5	10
<i>Closing Order:</i>							
Inkerman Place, Garelochhead ...	2	—	1	—	1	—	—
Woodlea Place, Garelochhead ...	3	—	—	3	—	—	—
1 Glencairn Cottages, Garelochhead	1	1	—	—	—	—	—
3 Glencairn Cottages, Garelochhead	2	2	—	—	—	—	—

Demolition Order:

Stronemallenoeh Cottage, Loch Long, by Garelochhead	1	—	1	—	—	—	—
	9	3	2	3	1	—	—

CUMBERNAULD.

<i>Situation of Property.</i>	<i>No. of Houses.</i>	<i>Apartments—</i>					
		1	2	3	4	5	10
<i>Closing Order:</i>							
27 The Wynd, Cumbernauld	... 2	—	1	—	1	—	—
7b Main Street, Cumbernauld	... 1	—	1	—	—	—	—
8c Main Street, Cumbernauld	... 1	—	1	—	—	—	—
Masonic Place, Cumbernauld	... 3	—	1	2	—	—	—
69 Roadside, Cumbernauld	... 1	—	1	—	—	—	—
9 Baronhill, Cumbernauld ...	... 1	—	—	—	1	—	—
3 Greenyards Cottages, Cumbernauld	1	—	1	—	—	—	—

Demolition Order:

Faulds Cottage Cumbernauld ...	1	—	—	—	1	—	—
Forest Place, Cumbernauld ...	12	—	12	—	—	—	—
4 Greenyards Cottages, Cumbernauld	1	—	1	—	—	—	—
8 Greenyards Cottages, Cumbernauld	1	—	1	—	—	—	—
9 Greenyards Cottages, Cumbernauld	1	—	1	—	—	—	—
	26	—	21	2	3	—	—

CONDORRAT.

<i>Situation of Property.</i>	<i>No. of Houses.</i>	<i>Apartments—</i>					
		1	2	3	4	5	10
<i>Closing Order:</i>							
North Road, Condorrat ...	1	—	1	—	—	—	—
	1	—	1	—	—	—	—

WEST KILPATRICK.

<i>Situation of Property.</i>	<i>No. of Houses.</i>	<i>Apartments—</i>					
		1	2	3	4	5	10
<i>Closing Order:</i>							
39 Dumbarton Road, Bowling ...	1	—	1	—	—	—	—
300 Dumbarton Road, Old Kilpatrick	1	—	1	—	—	—	—
Buchanan's Land, Hardgate ...	2	—	2	—	—	—	—
	4	—	4	—	—	—	—
TOTAL ALL AREAS ...	123	24	79	12	6	1	1

Determination Orders:

Demolition Orders were substituted for Closing Orders on eleven houses situated at 24 Gray Street and 7 Random Street, Alexandria; 37 and 39 Thimble Street, 12 Waterside Place, 8 Stirling Street and 29 Main Street, Renton.

TABLE XX.

PREScribed PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACT, 1937.

PART I OF THE ACT

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors)—

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	104	124	3	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	151	220	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	37	81	—	—
Total	292	425	3	—

2.—CASES IN WHICH DEFECTS WERE FOUND—

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases").

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of Cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective Drainage of Floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)— (a) Insufficient	—	—	—	—	—
(b) Unsuitable or Defective	14	14	—	—	—
(c) Not Separate for Sexes	—	—	—	—	—
Other Offences against the Act (not including offences relating to Outwork)	—	—	—	1	—
Total	14	14	—	1	—

Medical Inspection of School Children



1954-1955

(Year ending 31st July, 1955)

COUNTY COUNCIL OF DUNBARTON.

SCHOOL MEDICAL STAFF.

Supervising School Medical Officer.

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

School Medical Officers.

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

CHARLES C. SLORACH, M.B., Ch.B., D.P.H. (part-time).

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.),
L.R.F.P.S.(Glas.), D.P.H.

MARION H. C. CORNOCK, M.B., Ch.B., D.P.H.
(resigned on 15/3/55).

ELIZABETH H. LAWRIE, M.B., Ch.B.
(commenced 26/1/55 part-time).

CHRISTINE L. H. NOBLE, M.B., Ch.B.
(commenced 4/4/55).

Chief Dental Officer.

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

Dental Surgeons.

ELIZABETH McKENDRICK,
L.D.S.

MARY W. DINN, L.D.S.

DOROTHY EDWARD, L.D.S.

JAMES RODGERS, L.D.S.

(resigned 15/5/55).

RICHARD DOCHERTY, L.D.S.

(commenced 16/2/55).

HAROLD STOLL, L.D.S.

(commenced 9/5/55).

THOMAS B. HAMILTON, L.D.S.

SHEILA S. SPEIRS, L.D.S.

JAMES H. FERGUSON, L.D.S.

KENNETH H. DAVIS, L.D.S.

(resigned 14/2/55).

HELEN M. GALE, B.D.S.

SYBIL MUIRIE, L.D.S.

(commenced 13/12/54).

Senior Dental Technician.

JAMES FYFE

Ophthalmic Surgeon.

JAMES N. TENNENT, M.B., Ch.B., B.Sc., D.O.M.S., F.R.F.P.S.

Ear, Nose and Throat Specialist

J. FULTON CHRISTIE, M.B., Ch.B., F.R.F.P.S.

Anæsthetists

A. FERGUS McINTYRE, M.B., Ch.B.

H. P. COOPER HARRISON, M.B., Ch.B.

Superintendent Physiotherapist.

MORAG T. GALLOWAY

Physiotherapists.

AGNES McF. MALCOLM.

MARGARET S. MACLAGAN

JEAN S. A. HOWATT (part-time)

GEORGE MARSHALL (part-time)

Superintendent of Nurses.
CATHERINE T. GAVIN

Nursing Staff.

*MARIE GILMOUR.	*JANE P. SCOTT.
KATHERINE S. STEVENSON.	ELSIE M. RANKIN.
ALICE GEE.	JEAN P. McHAFFIE.
MARGARET W. CHRISTIE.	ELIZABETH T. CRAWFORD.
AGNES C. JOHNSTON.	*AGNES TAYLOR.
CHRISTINA S. L. KING.	ELIZABETH A. SANDILANDS.
MARGARET CALLANDER.	MARGARET M. MACDONALD.
MARGARET G. MILLER.	CATHERINE DEMPSEY.
MARY CALLAGHAN.	ANNIE McCANN.
EVELYN R. McLEITCHIE.	ALICE T. McLELLAN.
CATHERINE M. SCOBIE.	CATHERINE ALLISON.
WILLIAMINA CAFFEL.	(commenced 16/4/55).

DONALDINA CALDWELL (temporary)
(commenced 7/2/55—15/3/55.)
(resigned 4/3/55—15/4/55.)

* Employed solely on School Medical Duties.

Audiometrician.

CHRISTINA P. ROGERS

Orthoptist

WINNIFRED M. McALISTER

Dental Attendants.

ANNIE J. RAE.	MARGARET SAMSON.
JANE MASON.	CHRISTINE MACNAUGHTON.
(resigned 22/1/55.)	JEAN HEMPHILL.
ANNA LANG.	(resigned 15/9/54.)
(resigned 15/10/54.)	MARJORIE E. P. GARDNER.
JEAN S. LOCKHART.	MARTHA W. KINLOCH.
MARION W. REID (part-time)	(commenced 18/10/54.)
(resigned 3/6/55.)	LILIAS T. SCOTT.
MARGARET CAMERON.	(commenced 6/1/55—resigned
MARY B. GUTHRIE.	8/7/55.)
(commenced 13/9/54.)	MARGARET BOYLE.
	(commenced 16/2/55.)

Orthopædic Clinic Attendant.

MARGARET C. BLACK

Clerks.

WILLIAM B. GILLILAND.	ROBERT F. LIVINGSTONE.
ELIZABETH A. McLEAN.	ELIZABETH MACFARLANE.
MARGARET WEIR.	MARY BALLANTINE.

REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUNBARTON.

1.—LIST OF STAFF.

(See pages 69 and 70.)

2.—(a) NUMBER OF SCHOOLS.

<i>School Management Area.</i>	<i>No. of Schools</i>
Cumbernauld	4
Kirkintilloch	6
New Kilpatrick	5
Old Kilpatrick	15
Dumbarton	7
Vale of Leven	12
Helensburgh	9
	58

(b) NUMBER OF CHILDREN ON REGISTER AND IN AVERAGE ATTENDANCES DURING SESSION 1954/55.

<i>School Management Area.</i>	<i>Average on Roll.</i>	<i>Average Attending.</i>	<i>Per Cent.</i>
Cumbernauld	908.9	842.0	92.6
Kirkintilloch	3876.5	3551.9	91.6
New Kilpatrick	2317.4	2125.0	91.7
Old Kilpatrick	9494.0	8723.5	91.9
Dumbarton	5041.0	4601.1	91.3
Vale of Leven	3731.6	3419.5	91.6
Helensburgh	2004.3	1855.9	92.6
TOTAL	27373.7	25118.9	91.8

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS.

Note.—One whole day spent in school counts as two visits (morning and afternoon sessions).

Number of visits as above ...	...	...	...	...	...	583
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NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS.

For re-examination of defective children ...	...	...	...	...	21
For re-examination of backward, mentally or physically defective children ...	...	...	...	...	96
Attendances at school clinics ...	...	...	...	...	366
Attendances for office work, etc. ...	...	...	...	...	61
For inquiry regarding infectious diseases (including scabies) ...	...	...	...	...	5
Diphtheria Immunisation ...	...	...	...	...	89
Others ...	...	...	...	...	370
					1008

SANITARY CONDITION OF SCHOOLS.

The Property Visiting Committee when making their annual inspection of schools at the commencement of the 1954/55 financial year, again gave particular attention to the cleanliness of the buildings, and in making their report expressed satisfaction with the manner in which the Janitors and Cleaners are carrying out their respective duties. By comparison with the new schools completed within the past few years and those in course of construction, the sanitary accommodation at the old buildings may be out of date, but if properly maintained, in respect of painting and the replacement of defective sanitary fittings, these outside offices are still quite serviceable, and a considerable expenditure is incurred each year on work of this nature.

The usual programme of painter work has again been carried out both inside the school buildings and at the outside lavatories; and washing down of walls of many classrooms, cloakrooms, etc., was executed during the vacation periods.

ORGANISATION AND ADMINISTRATION.

For Organisation and Administration, etc., and Co-operation with Public Health Department, Section A, B, C, D, E and F, see pages 9 to 15 of the Annual Report, 1948-49.

PARENTS PRESENT AT INSPECTION.

<i>School Management Area.</i>	<i>Number of Children Examined.</i>	<i>No. of Parents Present at Routine Examinations.</i>	<i>Per Cent.</i>
Cumbernauld	244	130	53.2
Kirkintilloch	1114	469	42.2
New Kilpatrick	608	324	53.2
Old Kilpatrick	2655	1529	57.5
Dumbarton	1436	589	41.0
Vale of Leven	952	544	57.1
Helensburgh	557	254	45.5
TOTAL	7566	3884	51.3

GENERAL REVIEW.

Routine inspection was carried out on 7566 children—a decrease of 225 from last year's total.

The number of children examined non-routinely, i.e., at clinics mainly, was 1865 a decrease of 38.

3884 parents were present at the routine examinations.

PHYSICAL CONDITION.

The percentage of children found to be free from all defects on routine school examination was 50.0 as against the previous session's figure of 51.1. The percentage of children free from defects in the different age groups were as follows:—

Entrants	47.4
Second Age Group	49.0
Third Age Group	54.6
Fourth Age Group	48.8

In Table I the number of children who were found to be requiring treatment (excluding uncleanliness and dental caries) and whose parents were so advised—was 685, 276 less than last session.

74 per cent. of the children examined had already been immunised against diphtheria.

DEFECTS AND DISEASES.

Clothing.—During the session, 16 children were found to have unsatisfactory clothing.

Footgear.—Only 10 cases of unsatisfactory footgear were noted.

Uncleanliness.—The percentage of children found to be in a verminous condition of head and/or body shows a decrease from 1953/54, 6.1 per cent. as compared with 6.8 per cent. 4.8 per cent. of girls examined were in this category as against 1.2 per cent. of boys.

I would again point out that the legal position still makes the value of the supervisory services very limited owing to the fact that the other members of the family cannot be examined or treated. To put an end to the whole question of verminous children in schools I would recommend a return to a type of scheme that was in vogue during the war years.

Skin Diseases.—15 cases of impetigo of the head were found, a decrease of 1 from last year's total. There were 6 cases noted of impetigo of the body.

Nutrition.—Ten children were noted as suffering from bad nutrition. This is an increase of 5 from last year.

In the special eye examination of the 1947 age group, 87.1 per cent. had normal vision.

SCHOOL DENTAL SERVICE.

ANNUAL REPORT, 1954/55.

An additional dental officer was appointed during the year to the Clydebank and Old Kilpatrick Areas bringing the staff up to ten assistant dental officers.

Dental decay is constantly active particularly during childhood and it is an accepted fact that once a child has been rendered dentally fit this can only be maintained by regular periodic inspections followed by treatment when necessary.

It is also accepted that the commonest site for decay in the permanent teeth is in the four six year old molars and also that decay frequently attacks these teeth soon after eruption. Thus it was decided to place the children of the six and seven year old groups in a priority class, with the intention of rendering them dentally fit and maintaining this dental fitness throughout their school life.

Over three thousand children in these two age groups were inspected and offered treatment.

The total number of children treated in all age groups was 8,262 involving 29,567 attendances.

Children seeking treatment outwith the normal Annual Routine Inspection and Treatment, are of such numbers that they create serious inroads into this all essential procedure.

While the statistical returns indicate a reduction in the number of permanent teeth extracted, there is an increase in the extraction of the temporary or "baby" teeth. This can be attributed to our concentration on the 6 and 7 years old age groups.

The number of fillings in temporary and permanent teeth shows an increase on the previous year.

During the summer I had an opportunity of re-visiting, after a period of 26 years, McGill University, Canada, and several Children's Dental Clinics in Boston and New York. I was thus able to assess the progress made in Children's Dentistry and discuss with the Directors of these clinics our mutual problems.

The question of the dental treatment of the City of New York's one and a quarter million school children was basically the same as ours, differing only numerically—too many children for too few dentists.

Some years ago I stated in an Annual Report, that consideration should be given to the dental benefits which would arise from a regulated addition of fluorine to the public drinking water. Recently a delegation from Britain visited Canada and U.S.A. and reported favourably on this subject. Having seen such a scheme in action during my trip and having discussed it with various dentists closely associated with these projects, I am convinced that a partial solution to the curtailment of the ever-increasing amount of operative dentistry in the mouths of our children lies in the fluoridation of public water supplies.

F. A. CASSIDY.

SPEECH THERAPY REPORT, 1954/55.

PROCEDURE.

1. Cases are treated individually and in groups of 2, 3, or 4.
2. A treatment session may last from 20 minutes to one hour and about 15 cases are treated at each centre per day.
3. Parents are seen as frequently as possible and are very co-operative.
4. Cases are frequently referred to School Medical Officers, Psychologists, and Dentists for Surgical, Medical, Psychological, Educational, Dental or Orthodontic consultations or treatments necessary to speech re-adjustment.
5. Visits are paid to Schools and much valuable assistance is given by Head Teachers and assistant staff.
6. Especially valuable is the guidance given by the Director of Education, Dr. Anne H. McAllister (Hon. Consultant) and Miss Calvert (Principal Psychologist).
7. Every possible facility is given by the County Medical Officer, other Medical Officers and the Nursing Staff, to ensure that the centres are available and as suitable as possible for Speech Therapy Treatment.

8. All therapists employed by the County are fully qualified in this particular branch of child guidance work, and in addition one of the seven is a fully qualified experienced teacher. The ready advice and treatment given at their request by other County Specialists constitutes a team service for every speech-disordered child.
9. Again during this session a number of pre-school children have been admitted for treatment. The results have been very satisfactory.
10. The audiometer (gramophone, puretone and peep-show) is of great assistance in the cases where speech defect is due to partial deafness.
11. The three sound recording units are a valuable asset in treatment.
12. The speech survey carried out 6 years ago by the Therapists has been kept up to date by the surveying of all children admitted to school during the current session.
13. In the past year the Glasgow School of the College of Speech Therapists has sent students for observation and clinical training.
14. During one term of the past session the scope of the Speech Therapy Service had to be curtailed owing to the resignation of Miss Liddell who left to take up an appointment in the Dental Hospital in Glasgow. At Easter-time we were fortunate in securing the services of Miss Alison Dallas, thereafter several centres which had been closed were then re-opened. The Speech Therapy Staff is losing three valued members by the resignation of Miss Carol Darby, Miss Ruth Crawford and Miss June James. As experienced Therapists their work was characterised by competence and success and their loss will be felt very keenly.

Our thanks and good wishes go with them.

BETSY C. McORIST.
Senior Speech Therapist.

STATISTICS SUMMARY—1954-55

CLINIC or SCHOOL	No. on Roll	Left	Discharged		Transferred		Admitted	No. on Roll
			Cured	Non-Co-op	In	Out		
Bank Street	18	—	7	1	5	5	13	23
Bonhill	9	—	6	—	—	2	9	10
Cardross	7	—	4	—	2	3	5	7
Clyde Street	10	—	4	—	—	6	4	4
Clydebank H.	5	2	4	—	4	1	1	3
Condorrat	—	—	4	3	4	—	7	4
Croy Clinic	5	—	—	1	1	1	6	10
Cumbernauld	10	1	2	1	—	2	5	9
Dalmuir	—	1	1	—	8	—	12	18
Duntocher	18	—	8	—	1	1	7	17
Gavinburn	8	—	4	—	1	—	2	7
Hartfield	24	2	5	3	2	5	13	24
Hermitage	7	—	4	1	1	—	7	10
Hillfoot	12	2	10	1	3	3	19	18
Jamestown	9	2	5	—	2	1	8	11
Kilbowie	23	—	15	3	3	3	25	30
Knoxland	7	—	3	—	—	1	6	9
Lairdsland	—	1	11	—	12	—	14	14
Lenzie	3	—	—	—	—	3	—	—
Levenvale	9	—	2	—	1	—	2	10
Linnvale	23	1	16	—	2	1	19	26
Milton	10	—	1	1	2	1	7	16
Milngavie	17	—	7	1	3	4	10	18
Moss Cottage	28	1	10	3	7	4	13	30
Miller St.	11	2	7	—	2	5	14	13
O.H.R.	—	—	4	1	17	3	9	18
Renton	10	—	8	1	—	—	5	6
St. Joseph's	5	—	7	1	4	1	11	11
St. Ninian's	14	—	4	—	1	—	4	15
St. Eunan's	7	—	8	1	3	—	19	20
St. Stephen's	16	1	3	1	1	10	8	10
Townhead	17	1	4	4	3	13	16	14
Twechar	8	2	6	—	—	—	8	8
Westerton	6	1	3	—	—	—	5	7
Whitecrook	48	2	16	2	6	22	31	43
Total	404	22	203	30	101	101	344	493

SPECIAL SCHOOLS AND CLASSES

SPECIAL SCHOOLS

Milton Special School.

This school caters for mentally handicapped pupils from the Western portion of the County. There are four classes at Milton School with a total roll of 84. There is also an Occupational Centre in the school with 34 pupils on the roll.

SPECIAL CLASSES.

- (a) For mentally handicapped children—
Whitecrook School, Clydebank, with 21 on the roll (one class);
Lairdland School, Kirkintilloch, with 12 on the roll (one class).
 Total number of pupils—33.
- (b) For physically handicapped children—
Hartfield School, Dumbarton, with 23 on the roll (one class).
- (c) For conservation of vision—
Whitecrook School, Clydebank, with 11 on the roll (one class);
Hartfield School, Dumbarton, with 11 on the roll (one class).
 Total number of pupils—22.
- (d) For deaf-mute children—
Hartfield School, Dumbarton, with 7 on the roll (one class).

INSTITUTIONS.

- | | | | | |
|---|-----|-----|-----|------|
| (1) Number of physically handicapped children in Institutions paid for by the County Council | ... | ... | ... | 8 |
| (2) Number of mentally handicapped children in Institutions paid for by the Council Council | ... | ... | ... | 4 |
| (3) Number of Blind Persons in training under the Blind Persons Act, 1920 (cost of training borne by the County Council and maintenance by the Local Authority) | ... | ... | ... | Nil. |

REMOVAL OF TONSILS AND/OR ADENOIDS.

During the year 854 children were operated on for the removal of Tonsils and/or Adenoids. Of these, 155 were pre-school children. There still remained at the end of the year 386 children awaiting examination.

An extra weekly session was held in Whitecrook Clinic and this greatly reduced the numbers on the waiting list before the end of the year.

MEDICAL INSPECTION OF SPECIAL SCHOOLS.

During the present session 266 children, 124 boys and 142 girls were examined. Of these, 228 were found to be mentally defective, while 34 had a congenital deformity and 13 were suffering from other deformities. 11 children were classified as having slightly defective nutrition, while 14 had bad eyesight. Clothing and footgear were satisfactory in all but 15 cases and 59 children were found to have a verminous condition of the head and/or body, while 70 children were found to have unhealthy mouths. 83 parents were present at the medical examinations and notices were issued to all parents whose children were found to be suffering from a particular defect.

MILK IN SCHOOLS SCHEME.

The average number of pupils taking milk in schools during session 1954/55 was 23,339 (approximately 85 per cent. of the roll).

ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE IN SCHOOL.

Details of physical education arrangements are as contained in the Report for 1948/49.

ADMISSION OF CHILDREN TO APPROVED SCHOOLS.

During the year 23 children were committed by the Sheriff to the following institutions:—

Balgowan School, Dundee.
 Dalbeth Girls' School, Bishopton.
 Dr. Guthrie's Boys' School, Edinburgh.
 Kenmure St. Mary's Boys' School, Bishopbriggs, Glasgow.
 Kibble School, Paisley.
 Rossie Farm School, Montrose.
 Springboig St. John's Boys' School, Shettleston, Glasgow.
 St. Joseph's Approved School, Tranent.
 St. Mary's Boys' School, Bishopbriggs.
 St. Ninian's Approved School, Gartmore, by Stirling.
 Thornly Park Approved School, Paisley.

ULTRA VIOLET LIGHT TREATMENT.

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria and Helensburgh Clinics during the year:—

Number of patients treated	...	...	...	159
Total number of attendances	...	...	...	3215
Average number of treatments	...	...	...	20

<i>Cause of Reference.</i>	<i>No. of Patients.</i>	<i>No. Improved.</i>	<i>Condition Unchanged.</i>
Bronchitis, etc ...	62	53	9
Adenitis ...	2	2	—
Debility ...	114	101	13
Skin Conditions ...	3	3	—
Glands ...	5	4	1
Others ...	37	26	6
	218	189	29

AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

BOYS

Total Number Examined at All Ages	Entrants				Age 9				Age 13				Age 16			
	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)	Number Examined	Average Age	Height (Inches)	Weight (Pounds)
1954-55	1552	5 7	45.1	43.6	1159	9 6	52.3	64.3	1006	13 6	59.7	93.2	84	16 10	67.4	133.2
1953-54	1436	5 6	43.8	43.4	1372	9 6	52.1	64.2	1039	13 5	59.6	92.2	105	16 5	67.5	131.6
1952-53	1357	5 6	43.1	42.6	1192	9 7	52.0	63.3	923	13 5	59.2	91.2	72	16 4	67.0	133.1
1951-52	1397	5 5	43.3	42.8	1070	9 7	52.2	62.7	979	13 3	58.9	90.7	94	16 4	67.1	129.8
1950-51	1215	5 6	43.2	43.1	1088	9 5	50.6	57.8	1011	13 5	58.9	89.0	95	16 4	66.8	131.5
County Average— Years 1940-41 to 1949-50	11647	5 5	42.8	43.2	10608	8 11	50.0	57.3	10134	13 4	58.9	88.0	1017	16 4	66.9	127.0
County Average— Years 1930-31 to 1939-40	1495	5 6	42.6	41.8	11767	8 8	49.4	56.5	*7108	13 7	58.9	89.5	1163	16 4	65.6	124.1
County Average— Years 1919-20 to 1929-30	13238	5 7	42.1	41.2	11863	8 7	48.3	54.3	—	—	—	—	769	16 1	64.3	118.8

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

PREVIOUS ILLNESSES

	No. of Routine Cases Examined	Measles		Whooping Cough		Chicken Pox		Mumps		Scarlet Fever		Diphtheria		Smallpox		Rheuma- tism		Fits		Others	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Entrants	2988	2312	77.4	993	33.2	997	33.2	756	25.3	162	5.4	1	0.03	-	-	6	0.2	2	0.1	1049	35.1
Second Age- Group	2290	2047	89.4	1388	60.6	1372	59.9	949	41.4	215	9.4	7	0.3	-	-	21	0.9	-	-	1076	47.0
Third Age- Group	2083	1864	89.5	1299	62.4	1187	57.0	959	46.0	267	12.8	49	2.4	-	-	28	1.4	-	-	1042	50.0
Fourth Age- Group	205	200	97.6	145	70.7	142	69.3	106	51.7	25	12.2	7	3.4	-	-	3	1.5	-	-	100	48.8
TOTAL	7566	6423	84.9	3825	50.6	3698	48.9	2770	36.6	669	8.8	64	0.8	-	-	58	0.8	2	0.03	3267	43.2

VERMINOUS CONDITIONS

The following table summarises on an area basis the number of children showing evidence of verminous conditions of the head, or body, or both.

School Management Area	No. of Routine Cases Examined			No. Showing Evidence of Vermin			Percentage		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Cumbernauld	130	114	244	5	10	15	3.8	8.7	6.1
Kirkintilloch	559	555	1114	3	24	27	0.5	4.3	2.4
New Kilpatrick	293	315	608	—	1	1	—	0.3	0.1
Old Kilpatrick	1367	1288	2655	39	186	225	2.8	14.4	8.4
Dumbarton	699	737	1436	6	64	70	0.8	8.7	4.8
Vale of Leven	473	479	952	30	60	90	6.3	12.5	9.4
Helensburgh	280	277	557	10	24	34	3.6	8.6	6.1
Total	3801	3765	7566	93	369	462	2.1	9.7	6.1

TABLE I.

Total number of children examined at:—

			<i>Systematic Examinations.</i>	<i>Other Systematic Examinations.</i>
Entrants	...	...	2988	—
<i>(a) Ordinary Schools—</i>				
Second age group	...	...	2290	—
Third age group	...	...	2083	1865
Secondary Schools—				
Fourth age group	...	...	205	—
TOTALS	...	...	<u>7566</u>	<u>1865</u>
<i>(b) Other Examinations—</i>				
Special Cases	...	...	...	63
Re-inspection by Medical Officer	...	...	...	106
TOTAL	...	...	...	<u>169</u>

Number of individual children inspected at systematic examinations who were notified to parents as requiring treatment (excluding uncleanliness and Dental Caries):—

Entrants	...	...	...	...	107
Second age group	...	...	...	...	222
Third age group*	...	...	...	...	310
Secondary age group	...	...	...	...	46
Other systematic examinations	...	...	...	...	—
TOTAL	...	...	...	...	<u>685</u>

TABLE II.—SYSTEMATIC EXAMINATIONS
TOTAL EXAMINED AT ALL AGES—7566

Total Examined in Each Age Group—By Sexes	Entrants				Second Age Group				Third Age Group				Fourth Age Group				All Ages				
	1552		1436		1159		1131		1006		1077		84		121		3801		3705		Non-Routine-time 1865
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%			
No. showing Defects	6	0.4	1	0.1	5	0.5	2	0.2	2	0.2	—	—	—	—	—	—	13	0.3	3	0.1	—
Nature of Defect—																					
1. Clothing	3	0.2	—	—	2	0.2	—	—	5	0.5	—	—	—	—	—	—	10	0.3	—	—	—
2. Footgear	36	2.3	87	6.1	28	2.4	131	11.6	10	1.0	136	12.6	1	1.2	1	0.8	75	2.0	355	9.4	14
3. Uncleanliness	5	0.3	6	0.4	4	0.3	3	0.3	9	0.9	5	0.5	—	—	—	—	18	0.5	14	0.4	—
4. Skin—																					
(a) Head—	4	0.3	—	—	2	0.2	3	0.3	2	0.2	—	—	—	—	—	—	8	0.2	7	0.2	88
(b) Ringworm	17	1.1	22	1.5	15	1.3	20	1.8	—	—	22	2.0	6	7.1	7	5.8	63	1.7	71	1.9	75
(c) Other Diseases	2	0.1	3	0.2	—	—	—	—	—	—	—	—	—	—	—	—	2	0.1	4	0.1	12
(d) Ringworm	33	2.1	29	2.0	12	1.0	25	2.2	9	0.9	16	1.5	2	2.4	—	—	56	1.5	70	1.9	129
(e) Scabies	23	1.5	28	2.0	9	0.8	22	1.9	20	2.0	8	0.7	1	1.2	1	0.8	53	1.4	59	1.6	—
5. Defective Nutrition—																					
(a) Slightly Defective	337	21.7	313	21.8	309	26.7	245	21.7	227	22.6	199	18.5	14	16.7	18	14.9	887	23.3	775	20.6	5
6. Mouth and Teeth Unhealthy																					
7. Naso-pharynx—																					
(a) Nose—	124	8.0	102	7.1	25	2.2	30	2.7	17	1.7	7	0.7	1	1.2	1	0.8	107	4.4	140	3.7	23
(b) Obstr. Req. Op.	56	3.6	45	3.1	13	1.1	16	1.4	3	0.3	6	0.6	1	1.2	1	0.8	73	1.9	87	2.3	196
(c) Other Conditions	110	7.1	66	4.6	4	0.3	35	3.1	20	2.0	18	1.7	—	—	3	2.5	181	4.8	122	3.2	59
8. Eye Conditions—																					
(a) External	241	15.5	229	15.9	107	9.2	106	9.4	28	2.8	44	4.0	—	—	3	2.5	366	9.6	382	10.1	43
(b) Tonsils Req. Op.	79	5.1	81	5.6	22	1.9	39	3.4	7	0.7	15	1.3	—	—	1	0.8	108	2.8	136	3.6	223
(c) Glands	51	3.3	47	3.3	31	2.7	19	1.7	—	—	2	0.2	—	—	2	1.7	82	2.1	70	1.9	30
1. Requiring Op.	2	0.1	—	—	—	—	1	0.1	—	—	—	—	—	—	—	—	2	0.1	3	0.1	2
2. Requiring Op.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Eye Conditions—																					
(a) External	13	0.8	9	0.6	11	1.0	12	1.1	6	0.6	12	1.1	1	1.2	2	1.7	31	0.8	35	0.9	51
(b) Conjunctivitis	1	0.1	1	0.1	—	—	—	—	2	0.2	—	—	—	—	2	1.7	3	0.1	—	—	17
(c) Conjunctivitis	1	0.1	—	—	1	0.1	—	—	6	0.6	12	1.1	1	1.2	2	1.7	3	0.1	—	—	17
(d) Corneal Opacities	61	3.9	66	4.6	26	2.2	24	2.1	12	1.2	24	2.2	2	2.4	1	0.8	101	2.7	115	3.1	39
(e) Strabismus	3	0.2	4	0.3	4	0.3	3	0.3	2	0.2	1	0.1	—	—	—	—	9	0.2	8	0.2	30
(f) Other Diseases	5	0.3	2	0.1	87	7.5	68	6.0	98	9.8	94	8.7	12	14.3	19	15.7	202	5.3	183	4.9	164
(g) Visual Acuity—																					
1. Exceeding Standard	1	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Bad Vision, 6/18 or worse	50	3.2	71	4.9	154	13.2	173	15.3	198	19.6	197	18.3	9	9.5	14	11.6	411	9.8	455	12.1	45
3. Recommended for refraction	3	0.2	4	0.3	1	0.1	2	0.2	1	0.1	—	—	—	—	—	—	4	0.1	6	0.2	10
9. Ear Conditions—																					
(a) Diseases	2	0.1	8	0.6	—	—	3	0.3	3	0.3	2	0.2	—	—	—	—	4	0.1	13	0.3	83
(b) Other Diseases	3	0.2	—	—	2	0.2	3	0.3	4	0.3	2	0.2	—	—	—	—	11	0.3	5	0.1	25
(c) Defective Hearing—																					
Grade I	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grade II	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grade III	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grade IV	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Defective Speech—																					
(a) Defective Articulation	22	1.4	11	0.8	4	0.3	—	—	3	0.3	1	0.1	—	—	—	—	29	0.8	12	0.3	10
(b) Stammering	1	0.1	1	0.1	1	0.1	1	0.1	2	0.2	—	—	—	—	—	—	4	0.1	2	0.04	—
11. Mental and Nervous Conditions—																					
(a) Backward	7	0.5	2	0.1	6	0.5	8	0.7	1	0.1	1	0.1	—	—	—	—	14	0.4	11	0.3	—
(b) Dull (Intrinsically)	1	0.1	1	0.1	2	0.2	1	0.1	—	—	—	—	—	—	—	—	4	0.1	2	0.04	—
(c) Mentally Deficient	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(d) Mentally Deficient (Ineducable)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(e) Highly Nervous	3	0.2	3	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(f) Difficult in Behavior	4	0.3	1	0.1	—	—	—	—	1	0.1	—	—	—	—	—	—	1	0.8	4	0.1	4
12. Heart Conditions—																					
(a) Organic Heart Disease—																					
1. Congenital	1	0.1	4	0.3	1	0.1	—	—	—	—	—	—	—	—	—	—	2	0.1	4	0.1	1
2. Acquired	2	0.1	1	0.1	2	0.2	1	0.1	4	0.3	7	0.7	—	—	—	—	10	0.3	10	0.3	1
(b) Functional Conditions—																					
4	0.3	4	0.3	2	0.2	—	—	—	—	—	—	—	—	—	—	—	6	0.2	4	0.1	4
13. Lung Conditions—																					
(a) Chronic Bronchitis	2	0.1	2	0.1	—	—	—	—	1	0.1	—	—	—	—	—	—	3	0.1	3	0.1	30
(b) Sus. Tuberculosis	1	0.1	1	0.1	—	—	—	—	1	0.1	—	—	—	—	—	—	2	0.1	2	0.04	—
(c) Other Diseases	99	6.4	83	5.7	44	3.8	31	2.7	34	3.4	13	1.2	2	2.4	1	0.8	179	4.7	128	3.4	57
14. Deformities—																					
(a) Congenital	5	0.3	2	0.1	3	0.3	2	0.2	—	—	1	0.1	—	—	—	—	8	0.2	5	0.1	3
(b) Acquired (Infantile)	1	0.1	1	0.1	1	0.1	—	—	—	—	—	—	—	—	—	—	2	0.1	1	0.03	—
(c) Acquired (Pro-bably Rickets)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
(d) Acquired (Other Causes)	49	3.1	33	2.3	28	2.4	21	1.8	20	2.0	26	2.4	4	4.8	4	3.3	101	2.7	84	2.2	23
15. Infectious Diseases	5	0.3	6	0.4	—	—	—	—	—	—	—	—	—	—	—	—	5	0.2	6	0.2	2
16. Other Diseases and Accidents	95	6.1	76	5.3	98	8.5	73	7.5	71	7.1	43	4.0	7	8.3	6	5.0	271	7.1	198	5.2	630
17. Diph. Immunisation Already Immunised	1070	68.9	1015	70.7	873	75.3	876	77.5	763	75.8	841	78.1	67	79.8	107	88.4	2777	72.0	2839	75.4	—

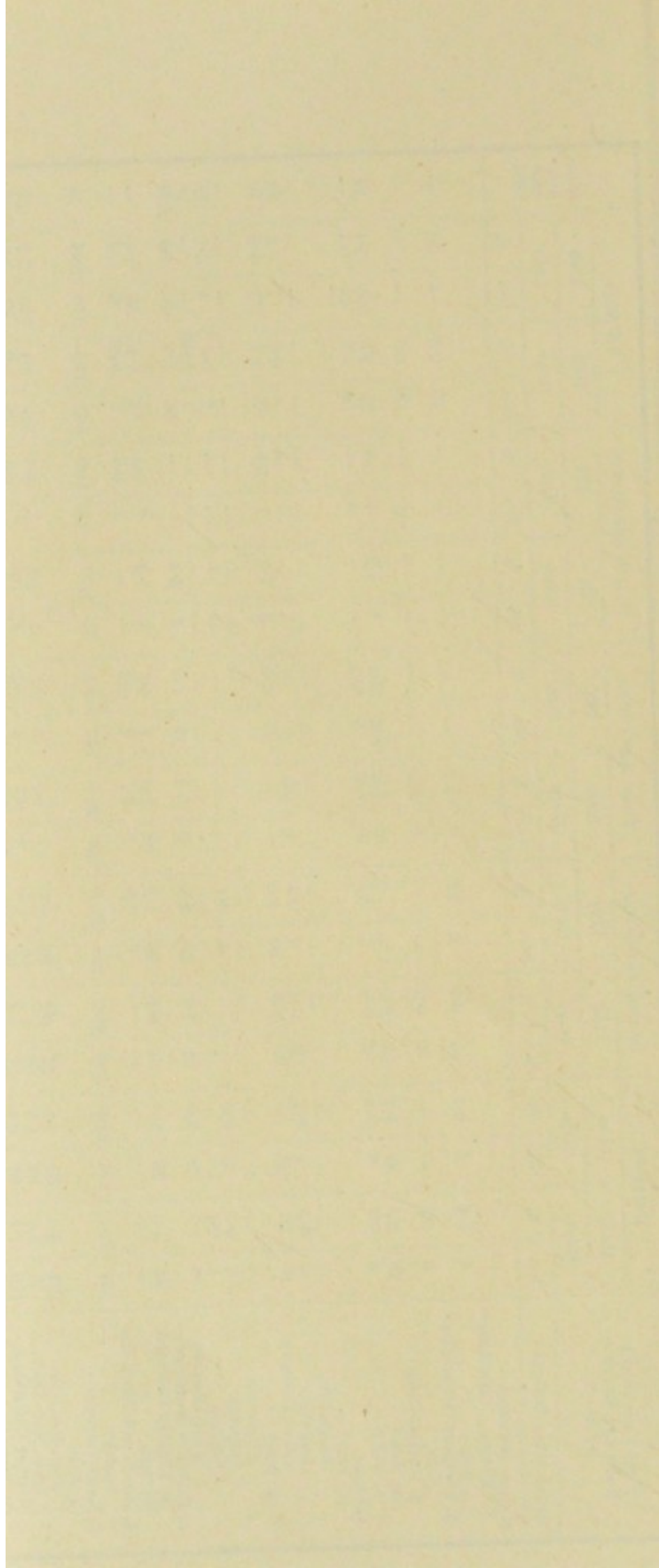


TABLE III.—SYSTEMATICAL MEDICAL EXAMINATION

Classification	Entrants		Second Age-Group		Third Age-Group		Fourth Age-Group		Total	
	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined in this Group	Number of Children	Per-centage of the Children Examined at Systematic Medical Examinations
I.—Children free from Defects	1422	47.4	1122	49.0	1138	54.6	100	48.8	3782	50.0
II.—Children (otherwise free from defects) who suffer from—										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses	13	0.4	115	5.0	199	9.6	37	18.0	364	4.8
(b) Conditions of the Mouth and Teeth requiring treatment	332	11.1	335	14.6	283	13.6	19	9.3	969	12.8
(c) Both (a) and (b)	2	0.1	27	1.2	44	2.1	3	1.5	76	1.0
Total	347	11.6	477	20.8	526	25.3	59	28.8	1409	18.6
III.—Children suffering from Ailments (other than those mentioned in II) from which complete recovery is expected within a few weeks	1140	38.7	610	26.6	335	16.1	39	19.0	2124	28.1
IV.—Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II and III, distinguishing cases—										
(a) Where complete cure or restoration of function (in the case of eye defects full correction) is considered possible	69	2.4	64	2.8	72	3.5	6	2.9	211	2.8
(b) Where improvement only is considered possible, e.g., with out complete restoration of function	10	0.3	17	0.7	12	0.6	1	0.5	40	0.5
Total	79	2.7	81	3.5	84	4.1	7	3.4	251	3.3
Total Number of Children Examined	2988	—	2290	—	2083	—	205	—	7566	—

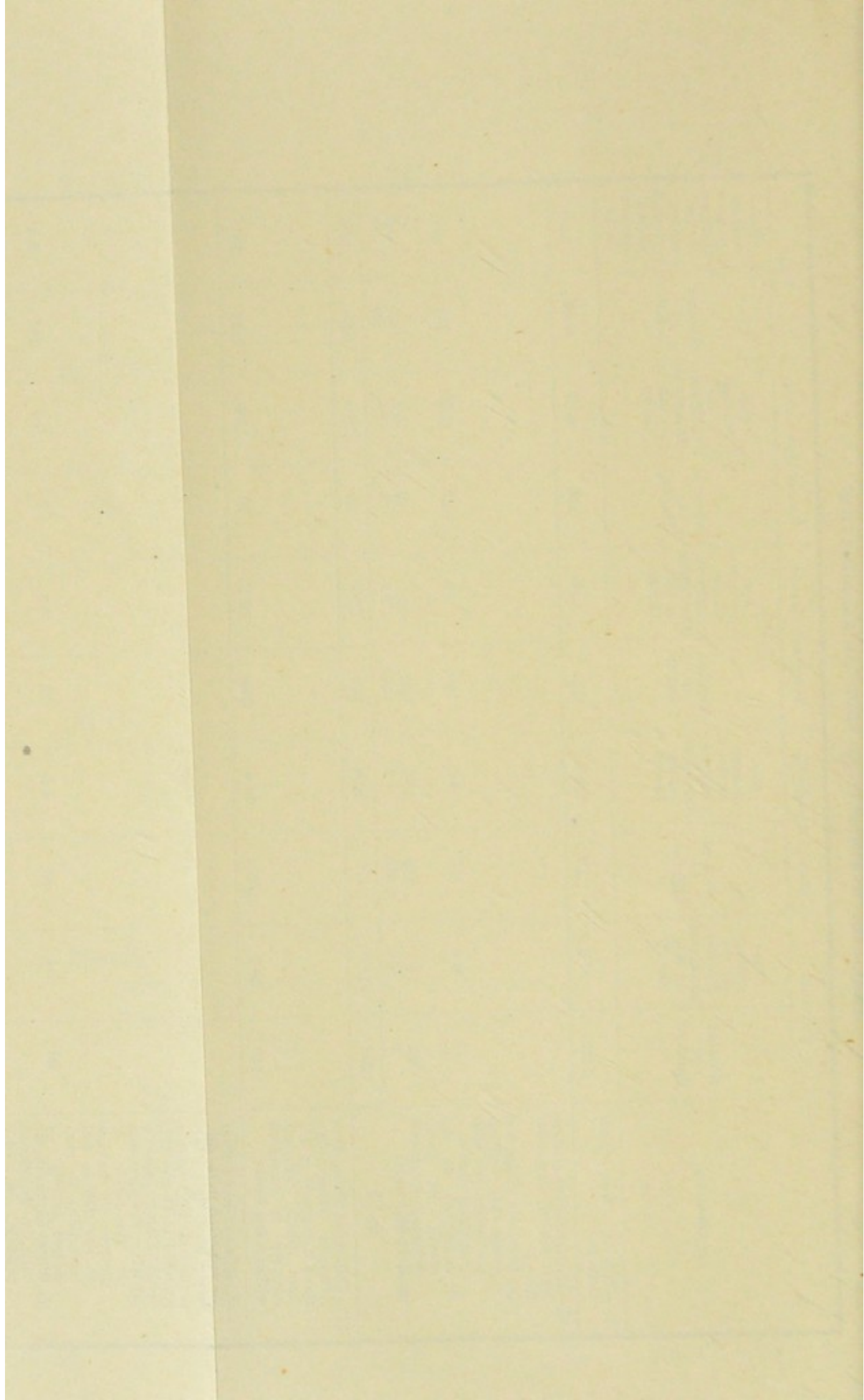


TABLE IV.—RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THIS AREA

Disability		At Ordinary School	At Special Schools or Classes	At No School or Institutions	Total
1. Blind	.....	—	2	1	3
2. Partially Sighted— (a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition	.....	—	22	—	22
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school	.....	—	—	—	—
3. Deaf—Grade I	.....	—	—	—	—
Grade IIA	.....	73	—	—	73
Grade IIB	.....	8	4	3	15
Grade III	.....	—	24	—	24
4. Defective Speech— (a) Defects of articulation requiring special educational measures	.....	†	—	—	—
(b) Stammering requiring special educational measures	.....	†	—	—	—
5. Mentally Defective (Children between 5 and 16 years)— (a) Educable (I.Q. approx. 50-70)	.....	3	121	—	124
(b) Ineducable (I.Q. generally less than 50)	.....	—	* 34	—	34
6. Epilepsy— (a) Mild and occasional	.....	16	26	1	43
(b) Severe (suitable for care in a residential school)	.....	—	2	—	2
7. Physically Defective (Children between 5 and 16 years)— (a) Non-pulmonary tuberculosis (excluding cervical glands)	.....	7	2	2	11
(b) General orthopaedic conditions	.....	13	16	5	34
(c) Organic heart disease	.....	7	7	2	16
(d) Other causes of ill-health	.....	10	6	5	21
8. Multiple Defects— (a) Mentally defective (educable) and epilepsy (mild)	.....	—	—	—	—
(b) Mentally defective (ineducable) and epilepsy (mild)	.....	—	—	—	—
(c) Mentally defective (educable) and partially sighted (refractive error)	.....	—	—	—	—
(d) Physically defective (other causes of ill-health) and partially sighted (refractive errors)	.....	—	—	—	—
Total	.....	137	266	19	422

† Children attending Speech Therapy Clinics during the session.

* Occupational Centre.

TABLE V.—DENTAL INSPECTION AND TREATMENT.

(1) Inspected by the Dental Officer:—

<i>Age.</i>				<i>(a) Systematic Examinations.</i>	<i>(b) Special Emergency Cases.</i>	<i>Total.</i>
5	...	...	...	624	363	987
6	...	...	...	1525	461	1986
7	...	...	...	1889	528	2417
8	...	...	...	887	585	1472
9	...	...	...	1041	466	1507
10	...	...	...	585	567	1152
11	...	...	...	613	411	1024
12	...	...	...	277	362	639
13	...	...	...	31	333	364
14	...	...	...	76	401	477
15	...	...	...	70	98	168
15+	...	...	...	27	39	66
TOTALS ...				<u>7645</u>	<u>4614</u>	<u>12,259</u>

		<i>Systematic Examinations.</i>	<i>Special or Emergency Cases.</i>	<i>Total.</i>
(2)	Found to require treatment	6274	4606	10,880
	(a) Number accepting treatment	4478	4602	9070
(3)	Actually treated by School Dental Officers	3738	4524	8262
(4)	Number of Attendances made by children for treatment ...	14,589	14,978	29,567
(5)	Fillings—			
	(a) Permanent Teeth ..	6870	4386	11,256
	(b) Temporary Teeth ...	1061	946	2007
(6)	Extractions—			
	(a) Permanent Teeth ...	699	1827	2526
	(b) Temporary Teeth ..	4838	4900	9738
(7)	Number of Administrations of a general anæsthetic for extractions	786	940	1726

(8) Other operations—				
(a) Permanent Teeth	...	3185	3769	6954
(b) Temporary Teeth	..	305	249	554
(9) Half-days devoted to—				
(a) Inspection	...	116		
(b) Treatment	...	2463	1324	3787
(10) Children treated under private arrangements—No reliable information available.				

THROAT, NOSE AND EAR CLINICS

	CLYDEBANK			KIRKINTILLOCH			DUMBARTON			TOTAL		
	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total	School	Pre-School	Total
Number of Children Examined	420	73 72*	565	134	36	170	291	90	381	845	271	1116
Number of Children Operated On	379	63 63*	505	88	9	97	169	83	252	636	718	854
Attendances with Ambulance	—	—	—	—	—	—	169	83	252	169	83	252
Home Visits for After Care	—	—	—	—	—	—	352	174	526	352	174	526
Nature of Operation— Excision of Tonsils and Adenoids	—	—*	—	—	—	—	165	81	246	165	81	246
Excision of Tonsils only	—	—	—	—	—	—	—	—	—	—	—	—
Excision of Adenoids only	—	—	—	—	—	—	4	2	6	4	2	6
Others	—	—	—	—	—	—	—	—	—	—	—	—
Causation—												
Discharging Ears	28	2	30	—	—	—	27	5	32	55	7	62
Tonsils Much Enlarged	227	110	337	—	—	—	136	70	206	363	180	543
Deafness	34	9	43	5	—	5	24	4	28	63	13	76
Obstructed Breathing and Deafness	7	1	8	—	—	—	23	7	30	30	8	38
Obstructed Breathing	246	64	310	—	—	—	100	62	162	346	126	472
Rhinitis	245	66	311	2	—	2	56	3	59	303	69	372
Tonsillitis	253	74	327	2	—	2	131	67	198	386	141	527
Enlarged Glands	237	50	287	—	—	—	132	65	197	369	115	484
Bronchitis	94	38	132	—	—	—	17	2	19	111	40	151
Otorrhoea	—	—	—	1	—	1	—	—	—	1	—	1
Tonsils and Adenoids	297	83	380	—	—	—	—	—	—	297	83	380
Adenoids	18	3	21	—	—	—	—	—	—	18	3	21
Various	86	30	116	114	—	114	15	5	20	215	35	250
Results—												
Progress Definite and Rapid	—	—	—	—	—	—	169	83	252	169	83	252
Progress Retarded	—	—	—	89	26	115	—	—	—	89	26	115
Still Awaiting Examination	75	16 12*	103	—	—	—	130	38	168	205	66	271
Sent to Hospital	—	—	—	—	—	—	—	—	—	—	—	—
Died	—	—	—	—	—	—	—	—	—	—	—	—

* Clydebank Burgh Pre-school Children.

OPHTHALMIC TREATMENT OF SCHOOL CHILDREN (TABLE A)

	Dumbarton		Helensburgh		Kirkintilloch		New Kilpatrick		Old Kilpatrick		Vale of Leven	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Defective Vision Corrected with Spectacles	131	116	30	31	100	108	48	56	144	157	72	81
Defective Vision too Slight to benefit from Spectacles	36	57	8	3	22	29	18	20	24	32	25	23
Defective Vision Treated Otherwise	9	18	6	2	15	12	16	14	11	9	7	2
Total Number of Children Examined	176	191	44	36	137	149	82	90	179	198	104	106
Re-examinations	22	39	5	3	16	11	10	11	20	19	15	25

Total Number of Children Examined—1492.

1947 AGE GROUP —EYE EXAMINATIONS

Slight Visual Defect : 6·9—6·12

Marked Visual Defect : 6·18 or worse

(Snellen's Test at 6 Metres)

	BOYS		GIRLS		TOTAL	
	No.	%	No.	%	No.	%
Total Number of Children Examined	1497	—	1479	—	2976	—
Normal Vision	1302	80·2	1291	87·2	2593	87·1
Slight Defect (Both Eyes)	57	3·7	72	4·8	129	4·3
Marked Defect (Both Eyes)	12	0·7	13	0·8	25	0·8
Slight Defect (One Eye)	48	3·2	63	0·2	111	3·7
Marked Defect (One Eye)	31	2·1	12	0·8	43	1·1
Unreliable Results	47	3·2	28	1·8	75	5·0
Number of Children found Wearing Glasses	32	2·2	37	2·5	69	2·3
Strabismus	34	2·3	33	2·2	67	2·2
Blepharitis	—	—	6	0·4	6	0·2
Conjunctivitis	1	0·1	—	—	—	—
Corneal Ulcers or Opacities	—	—	—	—	—	—
Others	4	0·2	2	0·1	6	0·2

Note.—When a child has defective vision of slight defect and marked defect together, the defect has been classified according to the better eye grouping.

1947 AGE GROUPS—EAR EXAMINATIONS

	Total Number of Children Examined	Normal Hearing	Defective Hearing				Otorrhoea	Otitis Media	Others
			Grade II		Grade III				
			No.	%	No.	%			
Boys	1497	1484 92·4	7	0·4	—	—	1	7	1
Girls	1479	1471 99·4	3	0·2	—	—	—	3	1
Total	2976	2955 98·9	10	0·3	—	—	1	10	2

Grade II.—Children who can hear ordinary conversation voice between 20 feet and 2 feet.

Grade III.—Children who can hear ordinary conversation voice at not more than 2 feet, if at all.

ORTHOPTIC REPORT
(1st July, 1954 to 30th June, 1955)

	Dumbarton	Kirkin- tilloch	Clydebank	Total
Number of Patients Referred	87	79	100	266
No. of Patients on Treatment	42	38	46	126
No. of Patients on Observation—				
Before Treatment	17	17	16	50
After Treatment	20	12	30	62
Unsuitable for Treatment	—	2	—	2
Refused Treatment	2	—	1	3
Treatment not Required	1	4	2	7
Referred for Operation—				
Before Treatment	1	1	1	3
After Treatment	4	5	4	13
Total	87	79	100	266
Response to Treatment				
Good	7	9	9	25
Improved	28	23	29	80
No Improvement	4	3	4	11
Ceased to Attend	3	3	4	10
Total	42	38	46	126

TREATMENT OF MINOR AILMENTS

District	Total No. of Children dealt with	Total No. of Attendances	No. of Visits to Parents	No. of Visits to Schools	Cuts, Bruises, Sprains and Minor Injuries, etc.	Diseases of the Ear	Diseases of the Eye (excluding D.V.)	Ringworm of the Scalp	DISEASES OF THE SKIN					Other Diseases
									X-ray Treatment	Other Treatment	Ringworm of the Body	Scabies	Impetigo	
Cumbernauld	84	16	47	64	152	38	6	—	—	—	—	—	30	20
Kirkintilloch	—	82	39	—	35	65	8	—	—	4	—	—	66	24
Twechar and Croy	2072	37	97	65	1741	81	6	—	—	—	4	—	808	12
New Kilpatrick	—	58	92	—	—	—	—	—	—	—	—	—	—	—
Milngavie	296	35	171	34	381	82	18	—	—	—	—	—	29	—
Duntocher	982	18	82	46	424	11	6	—	—	—	—	—	10	31
Old Kilpatrick and Milton	60	15	49	37	108	38	37	6	24	11	16	4	6	98
Clydebank	4354	265	1123	142	123	382	35	79	—	501	—	—	52	529
Dumbarton	3355	217	618	124	618	221	136	—	—	—	—	—	628	478
Renton	4866	219	56	76	1205	18	31	2	—	—	—	—	2	2
Vale of Leven	96	176	143	13	198	58	—	1	—	—	—	—	20	21
Helensburgh	25	43	67	10	47	5	—	—	—	6	—	—	—	9
All other Western Portions of the County	1663	—	96	26	16	2	—	—	—	—	—	1	1	—
Total	17353	1181	2680	637	5048	1001	283	88	24	522	20	5	1652	1224

REPORT BY SCHOOL NURSES

District	No. of Children Ex-aminated for first time	No. of Children Re-ex-aminated	Total No. of Children Ex-aminated	CAUSES OF REFERENCE						No. of Visits Paid to Schools	No. of Visits Paid to Homes
				Vermin on Head	Vermin or Nits on Body	Vermin Sus-pected	Unsatis-factory Cloth-ing	Unsatis-factory Foot-wear	Others		
Cumbernauld	354	248	602	14	—	—	4	1	—	15	6
Kirkintilloch	1232	2326	3558	40	—	—	1	—	4	57	30
Twechar and Croy	809	509	1318	89	—	16	2	—	—	21	74
New Kilpatrick	200	—	200	2	—	—	—	—	—	3	—
Milngavie	138	1332	1470	6	—	—	—	2	—	67	85
Duntocher	347	642	989	75	2	10	12	—	1	33	42
Old Kilpatrick and Milton	437	690	1127	95	1	2	14	13	11	57	18
Clydebank	1210	5587	6797	364	1	8	69	20	5	184	115
Dumbarton	2811	5114	7925	601	—	—	87	69	79	102	111
Renton	578	933	1511	—	—	—	—	—	2	33	46
Vale of Leven	3367	1502	4869	454	—	—	—	—	5	11	11
Helensburgh	516	544	1060	170	—	2	5	5	2	13	2
All other Western Portions of the County	125	2609	2734	10	1	—	—	—	2	33	30
Total	12124	22036	34160	1920	5	38	194	110	111	629	570

ORTHOPAEDIC TREATMENT

		DEFORMITY OR DISEASE																																															
Clinic	Response to Teratment	Kyphosis			Lordosis			Kypho-Lordosis			Scoliosis			Chest			Foot Deformities			Paralysis and Infantile Paralysis			Asthma			Bronchitis			Mouth Breathers			Rheumatism			Others			Total											
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total												
Dumbarton	Treatment Completed	1	3	4	1	—	1	3	3	6	—	1	1	10	1	11	7	5	12	—	1	1	9	3	12	11	6	1	7	8	5	13	—	1	1	—	—	—	45	23	68								
	On Treatment	1	1	2	—	—	—	—	—	—	—	—	—	4	2	6	4	1	5	3	2	5	3	2	5	1	1	4	—	4	—	—	—	—	—	1	1	19	10	29									
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	6	18								
	(a) Non-attendance	2	1	3	—	—	—	1	—	1	—	—	—	3	2	5	—	1	1	—	—	—	2	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2							
Vale of Leven	Treatment Completed	7	5	12	—	—	—	2	1	3	—	1	1	5	3	8	3	1	4	2	—	2	2	—	2	—	1	1	7	2	2	4	—	1	1	2	—	2	31	14	45								
	On Treatment	—	1	1	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	8	15								
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	3	13								
	(a) Non-attendance	—	1	1	—	—	—	—	—	—	—	—	—	3	—	3	—	—	—	—	—	—	2	—	2	—	1	—	3	2	5	—	—	—	1	—	1	—	—	—	1	—	1						
Hillfoot	Treatment Completed	4	3	7	—	—	—	1	5	6	—	2	2	5	2	7	9	7	16	—	—	—	2	1	3	—	—	5	1	6	—	—	—	1	1	2	27	22	49										
	On Treatment	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	4	1	5	—	—	—	1	—	—	—	—	1	1	—	—	—	—	—	—	—	5	3	8										
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	2	8								
	(a) Non-attendance	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Kirkintilloch	Treatment Completed	7	4	11	1	1	2	7	5	12	1	1	2	6	4	10	9	9	18	1	—	1	2	2	4	2	2	13	4	17	2	—	2	—	2	2	51	32	83										
	On Treatment	—	1	1	—	2	2	—	1	3	4	1	1	1	1	2	3	5	8	2	2	4	2	2	—	—	—	3	3	6	—	—	—	—	—	—	11	19	30										
	Unsatisfactory due to—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	3	7								
	(a) Non-attendance	1	—	1	—	—	—	—	2	2	—	—	—	1	1	2	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—	4	2	6							
Clydebank	Treatment Completed	2	3	5	—	—	—	—	1	1	—	1	1	2	2	4	3	2	5	4	—	4	—	3	1	1	5	4	5	10	3	2	5	13	11	24	32	28	60										
	On Treatment	3	1	4	—	—	—	—	—	—	2	2	4	3	2	5	2	5	7	3	6	9	4	—	4	1	5	3	3	6	—	—	—	—	—	—	25	21	46										
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	7	9								
	(a) Non-attendance	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	1	1	2	3	1	3	4	—	—	—	—	—	—	—	—	—	2	4	6							
Helensburgh	Treatment Completed	2	—	2	—	—	—	—	2	2	1	—	1	3	2	5	3	1	4	—	—	—	2	1	3	—	2	3	2	5	—	—	—	—	—	—	14	10	24										
	On Treatment	—	2	2	—	—	—	—	1	1	—	—	—	2	3	5	—	—	—	1	—	1	2	1	3	—	2	4	—	—	—	—	—	—	—	9	7	16											
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	(a) Non-attendance	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Dumbarton Physically Handicapped	Treatment Completed	1	1	2	—	—	—	1	2	3	—	—	—	1	1	2	1	—	1	—	—	2	1	3	—	—	—	—	—	—	—	—	—	—	—	—	3	2	5										
	On Treatment	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6	12								
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	(a) Non-attendance	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Old Kilpatrick	Treatment Completed	—	1	1	—	—	—	—	—	—	—	—	—	6	1	7	3	1	4	—	—	—	1	1	2	—	3	1	3	4	—	—	—	2	—	2	14	10	24										
	On Treatment	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	1	7								
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	(a) Non-attendance	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3								
Croy	Treatment Completed	1	2	3	—	—	—	3	2	5	—	1	1	4	4	8	1	7	8	—	—	—	1	—	1	—	—	—	2	2	—	—	—	—	—	—	10	18	28										
	On Treatment	—	—	—	—	—	—	—	—	—	—	—	—	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	6	8								
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	(a) Non-attendance	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Cumbernauld	Treatment Completed	1	1	2	—	—	—	—	1	1	—	—	—	3	4	7	1	—	1	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	5	8	13										
	On Treatment	—	—	—	—	—	—	—	1	1	—	—	—	2	—	2	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	8	12								
	Unsatisfactory due to—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	(a) Non-attendance	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							

(a) Non-attendance. (b) Non-co-operative.

NUMBER OF TREATMENTS GIVEN

Clydebank 2386
Dumbarton (including Vale of Leven) 2513
Kirkintilloch 2747
Old Kilpatrick 873

Helensburgh 1140
Bearsden 1032
Dumbarton Physically Handicapped 308
Croy 1154
Cumbernauld 939

RESULTS OF AUDIOMETRIC SURVEY

Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Defective Hearing	Grade				Case Referred for					
					I	IIa	IIb	III	S.M.O.	E.N.T. Examination	Special Seating	Hearing Aid	Medical Treatment	No Action
1939	200	159	156	3	1	2	—	—	3	2	—	—	1	1
1942	1000	964	951	13	8	5	—	—	10	10	10	—	10	3
1945	980	912	900	12	3	8	1	—	9	9	9	1	10	3
Children born outwith Age-Groups	96	81	59	22	9	12	1	—	17	14	12	1	12	5

COUNTY COUNCIL OF DUNBARTON.

County Sanitary Inspector
(*Western Area*).

WILLIAM T. SAMSON.

Depute County Sanitary Inspector
(*Western Area*).

NEIL MACDONALD.

Assistant Sanitary Inspectors.

THOMAS MUNN.

ROBERT FORRESTER.

ROBERT MATHIE.

THOMAS MACDONALD.

ROBERT YOUNG.

Milk Officer.

MARIE MACKENZIE.

Housing Supervisor.

Mrs. A. STUART.

Clerical Staff.

EUNICE C. GORDON.

NANCY KINLOCH.

MARGARET JONES.

REPORT BY SANITARY INSPECTOR IN THE WESTERN AREA

HEALTH DEPARTMENT,
ALEXANDRIA.

LADIES AND GENTLEMEN,

In accordance with instructions laid down by the Department of Health, I have pleasure in submitting the report for the year ended 31st December, 1954.

GENERAL SANITATION.

WATER SUPPLY.

The water supplies from the various reservoirs throughout the Western Area still continue to be sufficient for domestic and industrial use. It is a great advantage to a community to have a copious supply which is bacteriologically satisfactory.

During the year 21 samples were taken for Chemical and Bacteriological analysis and 4 for Chemical analysis only. Of the 21 samples taken for Chemical and Bacteriological analysis, 5 were from private supplies and the remaining 16 were from public gravitation supplies. Of these 2 were satisfactory, 1 suspicious and 18 were reported as bacteriologically unsatisfactory. Knowledge of the gathering grounds led to the belief that there was no cause for undue worry.

Chemical analysis of a supply to a farm were taken following fatalities amongst dairy stock which was thought to be associated with lead poisoning. The result of the tests however were negative. On receipt of a complaint from a hospital of white suspended matter being found in a steriliser, a chemical analysis denoted this to be insoluble calcium. Calcium compounds are found in all natural waters since they constitute the greater part of the hardness. The white suspended matter was due to the introduction of soluble soap

which may have come from one or other of a variety of preparations such as soap itself or proprietary disinfectants or scouring powders.

DRAINAGE.

The sewage disposal arrangements throughout the area continue to function satisfactorily under the supervision of the County Engineer. This department is primarily concerned with drains to local authority developments and to private building projects. Where a sewer exists the drainage from any premises is connected thereto but in outlying districts, septic tanks of a suitable capacity are introduced with particular attention being paid to the ultimate dilution of the effluents. The drainage of new housing developments still demands a considerable amount of the Inspectors' time. This I feel is time well utilised as a high standard of drainage is, without exception, given by the contractors.

Drainage systems found choked and defective were put right on bringing this to the notice of the owners or agents and no difficulty was experienced in any nuisance of this kind. New drains and septic tanks with discharges to the low water mark were introduced at a new caravan site in the area, and are functioning satisfactorily.

SEWAGE DISPOSAL.

The sewage disposal plant for the Vale of Leven area is situated at Dalmoak Works. This takes the form of screening, detritus sedimentation and fine screening. The treated effluent is then pumped into the River Leven, where ultimate dilution takes place. The detritus sludge is dumped in an adjoining County Council refuse tip.

In other areas where sewers exist these eventually link up to septic tanks on the foreshore where liquification results and the liquified sewage is taken out beyond tidal mark by outfall iron pipes.

RIVERS POLLUTION.

As a result of suspected fish poisoning, 2 samples were taken from the River Leven in the course of the year. From analysis these samples did not contain any trace of fish poison and the dissolved oxygen content of each was ample for the support of fish life. The following is the Analyst's report on the same:—

	1W.	2W.
Dissolved oxygen, cubic centimetres per litre ...	7.56	7.35
Cyanides, parts per million	none	none
Lead, copper, arsenic, phenols, chromates, chlorine, parts per million	none	none
Ph. value	6.8	6.8
Colour (Glasgow = 10)	2.5	2.5

No serious complaint of oil pollution arose in the Gareloch and Loch Long. Particular care and co-operation is asked of the managements of Finnart Oil Depot and Metal Industries in order to ensure maximum precautions and avoidable pollutions of these lochs through oil escape.

NUISANCES.

During the year, 176 intimations were served in terms of Section 19 of the Public Health (Scotland) Act, 1897. These were all abated following intimation and recourse to Notice under Section 20 of the same Act was not necessary.

In terms of Section 54 of the Water (Scotland) Act, 1946, Notice was served in respect of three cottages which were without a satisfactory water supply. This was due to the corrosion of the existing iron service pipe. Repairs effected resulted in a partial improvement in the situation but this was of short duration. Estimates were then procured by the proprietors with a view to renewing the supply from the service main. It is hoped that the work will soon be instructed.

An extensive nuisance was caused by the unsatisfactory drainage arrangements from a piggery carrying about 500 head of stock. This matter was taken up with the proprietor and the result was a complete new installation of drains and Aidle Tank.

SCHOOLS.

The schools in the area are well maintained and give no cause for complaint. Work in connection with the new school at Cardross progressed favourably during the year. On completion this building will relieve the overcrowding which exists, particularly in the primary classes.

BURIAL GROUNDS.

Burial grounds in the district are well maintained by the District Council. Those more recently taken over show a decided improvement and what was previously indicative of neglect now shows the results of care and proper supervision.

COMMON LODGING HOUSES.

There are no common lodging houses within the area.

SCAVENGING—1954.

VALE OF LEVEN AND RENTON.

The scavenging of a fast growing community like Vale of Leven and Renton has become a major factor and demands more time and supervision by those members of the staff directly concerned with it. On the whole, few complaints are received regarding the efficiency of the service, and despite the difficulty of suitable labour, the routine collection and disposal has been carried through without any serious snag. This area is done by direct labour, and the staff and equipment comprise the Assistant Cleansing Superintendent and one driver/mechanic; 6 drivers and 22 loaders with 3 men spreading the loads at the coups; 6 vehicles. In addition street sweeping is done, by 9 sweepers, equipped with street orderly barrows, within the boundaries of the Scavenging District on a charge per mile to the County Roads Department.

The number of loads of refuse and street sweepings removed to Auchencarroch and Pillanflats Coups for the year amounted to 4,305. A reserve cleansing vehicle is available for emergency use and a 25 cwt. Ford general service truck. The number of collections varies according to the nature and type of property. Those tenants with individual ash-bins receive a once weekly collection, but this is increased to two or more as required in the case of tenemental properties and shops.

During the year, a new Shelvoke & Drewry "W" type freighter was added to the scavenging fleet at a cost of £2,400. This vehicle has the facilities of fore and aft tipping.

Land reclamation is practised at both coups and what was formerly the tipping area is now yielding good crops.

Salting and gritting of roads is the responsibility of the County Roads Surveyor's Department with this department assisting when the occasion demands.

GARELOCHHEAD SCAVENGING DISTRICT.

This area is well extended to include the villages of Cardross, Craigendoran, Rhu & Shandon, Garelochhead, Clynder and Rosneath and Arrochar and Tarbet. The work of collection and disposal in these districts is undertaken by 3 contractors who have been employed by contract with the Local Authority for a considerable number of years. It is gratifying to note that these contractors are dependable and fulfill with regularity their obligations under their contract. Consequently the scavenging of these localities is carried out with smoothness and complaints are few indeed. The normal collection is once per week but this is conditional and may be more in the case of certain premises when the occasion demands it. The contractors are also obliged in terms of their contracts to effect the cleaning of certain parts of the foreshore and to reasonable maintenance of the coups and private access roads where these exist.

While the present tipping facilities are sufficient for some years, the proximity of a new housing scheme to Gareloch-

head coup is causing some anxiety. This coup consequently requires great supervision for the control of vermin and the restriction of fire.

The District Council have given consideration to the question of incineration facilities. Meantime nothing has developed but the matter is on the agenda for future consideration.

LIGHTING.

VALE OF LEVEN AND RENTON.

Work in connection with the installation of street lighting in the new housing developments in the area continues. In the third development at Mill of Haldane, 45 15 ft. concrete standards fitted with electric tungsten lamps were provided at a cost of £1,600.

On the main road between Bonhill Bridge and Auchencarroch Road 23 existing tungsten lamps were replaced by 60 watt sodium discharge lanterns. The continuance of this road from Auchencarroch Road to Mill of Haldane was lit with the introduction of 33 sodium discharge street lamps which replaced the existing gas lamps. The combined cost of this improvement amounted to £2,150. During the year it was necessary to replace 12 transformers within the Industrial Estate.

It is regrettable to have to report excessive damage to lamps and fittings in some parts of the district through vandalism. This is no doubt the work of certain irresponsibles but it is nevertheless unfortunate that the cost of such damages is a charge on the ratepayer.

The staff engaged on the maintenance of street lighting within this area comprises the Assistant Lighting Superintendent and 8 men.

The Council are considering further schemes of conversion from gas to electricity and no doubt the following year will show progress in these developments.

GARELOCH DISTRICT

The districts of Cardross, Craigendoran, Rhu, Garelochhead Rosneath and Clynder and Arrochar and Tarbet are all undertaken by private contract. The contractors, with one exception, are local electricians carrying on business in the respective district. The exception being in Arrochar and Tarbet where the work is carried out by the Hydro Electric Board at an annual charge per lamp for supply and maintenance. The lighting is reasonably well maintained and any complaint is normally rectified promptly on being brought to the contractor's attention. In the course of the year 5 additional lamps were erected at Bendarroch Housing site and 4 at the new houses erected in Rhu. The Helensburgh District Council are giving consideration to a general improvement, particularly in the lighting of the main roads through these villages and it has been agreed to consider as a first step the installation of sodium discharge lighting through Cardross and Craigendoran and supplementing the number of lamps. It is hoped that these schemes will reach fruition in the following year which would no doubt be a great advantage on this traffic route.

The undernoted shows the number of street lamps in the Special Lighting Districts in the Western Area of the County—

<i>District.</i>	<i>No. of Lighting Points.</i>			<i>Method of Lighting</i>	
				<i>Gas.</i>	<i>Electricity.</i>
Vale of Leven	...	...	1,284	577	707
Luss	...	...	13	—	13
Gartocharn	...	...	17	—	17
Croftamie	...	...	14	—	14
Cardross	...	...	54	—	54
Craigendoran	...	...	36	—	36
Rhu	...	...	34	—	34
Garelochhead	...	...	50	—	50
Rosneath and Clynder	...	...	27	—	27
Arrochar and Tarbet	...	...	28	—	28

PUBLIC CONVENIENCES.

During the year a recommendation was made to the Department that a public convenience be erected at Ardlui, Loch

Lomond. I can only reiterate what has been said in previous reports concerning malicious damage done to these premises. It is almost impossible to keep w.c. compartments lockfast and consequently it is increasingly difficult to maintain these in a satisfactory condition of cleanliness, particularly without full-time attendants. Those chiefly subjected to the most extensive damage are at Balloch and Cardross which are invaded during holiday periods with hosts of day visitors, and it is regrettable to think that when Local Authorities provide these facilities the cost of these depredations ultimately fall on the ratepayers.

A new public convenience is proposed at Jamestown and will no doubt be erected within the following year.

The amount collected from fitted locks during the year amounted to £200 os. 2d.

BURIALS.

One burial was undertaken under Section 50 of the National Assistance Act, 1948, but the cost of this interment was latterly refunded by the relatives of the deceased.

OFFENSIVE TRADES.

There are no offensive trades operating in the area under Section 52 of the Public Health (Scotland) Act, 1897.

FACTORIES ACT, 1937.

In the course of the year extensions to factories at the Industrial Estate were completed. Progress was made in connection with the installation of oil tanks and new jetties at Faslane, and this vast project is now taking shape. Despite the magnitude of this scheme there is now evidence that the completed works will not greatly deface the rural amenities.

In no instance was it found necessary to resort to "Notice."

Any contraventions, which were mostly slight, were rectified on being brought to the attention of the persons responsible. In connection with Section 110 of the Act, one outworker was visited and the report was favourable.

Table No. 1 shows the number and types of registered factories in this area.

INCREASE OF RENT AND MORTGAGE INTEREST (RESTRICTION) ACTS. HOUSING (REPAIRS AND RENTS) (SCOTLAND) ACT, 1954.

Under Section 5 of the Rent and Mortgage Interest (Restriction) Act, 1923, two certificates were granted. With the introduction of the new Act, the first application was received on 11/10/54. Twenty-seven applications were received to the end of the year. A detail in respect of these applications is given below:—

<i>No. of Applications</i>	<i>No. Granted</i>	<i>No. Refused</i>	<i>No. Withdrawn</i>
27	11	15	1

The applications from owners for the revocation of Certificates totalled 8 and all were granted with the fulfilment of the repairs.

There is little doubt that a considerable increase in the number of applications will be forthcoming with the extension of the permitted increase by owners.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

Regular inspection is made by the control organisation to all Local Authority farm and factory premises within the area and advice given on methods of disinfestation, rat proofing and control. Survey and estimates of cost of disinfestation is given free to farm and owners of industrial premises.

Constant supervision is maintained on properties and

premises specially liable to infestation such as refuse coups, farm stack yards, docks and wharfages, and consequently infestation is kept under control and is reasonably light.

There are no industrial food premises within the area but in general, farmers make extensive use of the service in the disinfestation of stack yards.

No special difficulties have arisen in the enforcement of the Act and it has not been found necessary to institute any legal proceedings. Occupiers of premises are, as a rule, generally anxious to secure the services of the Department and give every co-operation in the disinfestation and rat proofing of the premises where necessary. The charge of the service where applicable is 5s. per hour inclusive of poisons used.

The undernoted table gives a detail of the various premises dealt with during the year and the number of infested premises cleared.

The number of rats trapped was 371 and the estimate of rats poisoned was 2000. With the more widespread use of warfarin poison it is increasingly difficult to assess the number of rats destroyed by this method and the figures can only be based on the assumed extent of the infestations prior to poisoning.

	<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 1954, as a result of notification or otherwise	94	273	98	191	656
No. of above properties found to be infested by rats or mice	47	159	53	73	332
No. of above infested properties cleared to the satisfaction of the Local Authority	47	159	53	73	332
(1) as separate units	47	159	53	73	332
(2) in course of block operations under Section 6 (1) ...	—	—	—	—	—

TENTS, VANS, SHEDS AND HOUSEBOATS.

Adverse weather conditions tended to restrict the number of holiday campers. The most popular camping site is still that at Row of Luss farm on the property of Luss Estates. Supervision between this department and the overseer from Luss Estates continues to give satisfaction and the site is therefore reasonably well controlled.

The caravan site opened by the British Caravan Company on the lovely promontary at Rosneath is still well managed and organised. In my opinion this is the satisfactory solution for caravanning. Amenities in the way of water supply, w.c., refuse collection and disposal coupled with the supervision of a manager give every satisfaction and dispenses with Public Health nuisances. Experience has shown that the unsupervised and improperly managed sites can be a source of complaint and put a demand on inspectors' time and consequently I feel that camping at random should not be encouraged in any area where recognised sites are available.

During the year the number of structures of various types amounted to 229 and were occupied by 587 persons.

EMERGENCY HOUSING—MILITARY CAMPS.

Two military camps were still in use for emergency housing purposes at the end of the year. These are located at Camis-eskan, Craigendoran, and Blairvaddach, Rhu. The number of occupied huts on the former at the end of the year being 19 while 14 still remain occupied at the latter.

During the year 6 tenants from Blairvaddach Camp were rehoused in Local Authority houses at Bendarroch, Gareloch-head, and 6 families were rehoused from Camiseskan Camp in Local Authority houses at Cardross.

With the building of houses at Rhu and Cardross being well under way and the knowledge that 50 per cent. of the number to be available is set aside in both districts for camp tenants, it is anticipated that there is every possibility

of dealing completely with Rhu and derequisitioning the site and effecting a substantial reduction in the numbers at Camis-eskan during the following year.

The total number of persons occupying the 33 huts at the end of the year was 158.

HOUSING (SCOTLAND) ACTS, 1950/52.

Over the year, 24 applications involving 26 houses were received for Improvement Grants under the above Act. Of these 21 were granted and 3 were refused. In 15 cases the work was completed and certificate "B" issued.

The total amount payable in Grant was £5,329 os. 1d.

HOUSING (SCOTLAND) ACT, 1952.

Grants for privately built houses for the agricultural population were approved for 2 houses at North Ailey Farm, Cove.

REQUISITIONED HOUSES.

There is only one house remaining on the list of houses which were requisitioned, the remainder having been derequisitioned either through the tenants being rehoused or as the occupiers being accepted by the owners as tenants. The case referred to is a 3 apt. dwelling situated at Dunmore, Rhu, and occupied by a single female person. It is hoped that alternative accommodation may be forthcoming in the near future as this dwelling is rapidly deteriorating and may result in considerable expense to maintain in a reasonably satisfactory condition of habitability.

HOUSING OF SEASONAL WORKERS.

Seasonal workers were accommodated in 10 farms in the area during the year. There is still a tendency for late notification by farmers and employers which results in the initial

inspection to the premises being made invariably after the arrival of the workers. The general terms of the byelaws are fairly well adhered to concerning separation of the sexes, control of overcrowding, the provision of sanitary conveniences, fire precautions, etc. There is, however, still room for improvement in some farms, particularly concerning ablution facilities and the provision of safe methods for artificial lighting.

The number of workers employed in the farms was 229 (105 females and 124 males).

FOOD SUPPLY.

MILK AND DAIRIES (SCOTLAND) ACT, 1914.

MILK AND DAIRIES (SCOTLAND) ORDER, 1938.

At the end of the year the number of registered producers on the register was 104. Of these 5 were for Certified, 85 Tuberculin Tested and 14 Ordinary. In the course of the year, 10 registrations were granted 9 of which were transfers while 9 were withdrawn on holders discontinuing production. One application for registration was refused. Alterations and improvements were carried out at 9 registered producers' premises which were mostly in connection with dairy sculleries and milk stores. Work in connection with a new water supply to a farm in Rhu Parish is now commenced and should be completed in the early part of the coming year. Table No. III shows the number of registered and unregistered dairy premises and the approximate number of cows within the area.

MILK (SPECIAL DESIGNATIONS) ACT, 1949.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936/53.

One new Certified Licence was granted and 9 Tuberculin Tested producers. In the latter case 8 were transfers and the remaining 1 a new application. The number of Designated producers who discontinued production was 9 comprising 2 Certified and 7 Tuberculin Tested.

One new registration and Certified dealer's licence was granted in the Burgh of Helensburgh and 1 Tuberculin Tested dealer's licence in the same Burgh. The remaining Tuberculin Tested dealer's licence granted in the Parish of Bonhill was in connection with a transfer. From Table IV it will be observed that 465 samples of Designated Milks were taken, 35 being Certified and 430 Tuberculin Tested. Of these 6 Certified and 48 Tuberculin Tested failed to comply. The results show a definite improvement on the preceding year but, in my opinion, could still be improved with closer supervision on the part of the producer regarding the cleanliness of cows, equipment and the methods of handling.

Under the Milk (Special Designations) (Scotland) Orders, 1951/53, changes took place as from 1st October, the effect of which was the abolition of the Special Designation "Standard" Producers' licences to use the Special Designation "Certified" or "Tuberculin Tested" may now be granted only if the herd which the milk comes from is attested or is in a tuberculosis eradication area or an attested area designated by the Ministry. This requirement does not apply to present holders of the licences but will become operative when they are due for renewal in January, 1957.

FOOD HYGIENE AND SAMPLING.

A variety of articles of food were purchased in terms of the Food and Drugs (Adulteration) Act, 1928. It can be said that all proprietary foods from reputable firms are, without exception, always found to comply with the various Food Orders. This is no doubt attributable to the fact that such firms employ their own analysts who keep check on the nature and quality of their respective products. Adulteration and deficiency are usually encountered in mince, sausages and milk. The adulteration in the former being the excess addition of preservatives and the latter being non-compliance with legal standard of 3 per cent. butter fat as laid down in the Sale of Milk Regulations, 1901.

The standard of cleanliness of most food shops is satisfactory although there is room for improvement in some of the smaller shops carrying on mixed trades or business. These relate principally to insufficient storage and display accommodation whereby articles are stored and, in some cases, exposed at floor level. It is also evident that there exists a general practice of exhibiting articles of food on counters which are not protected against customers and exposed to contamination from dust and flies.

With the introduction of the specified areas in relation to milk, improvements have been effected in some establishments whereby milk is now sold from bottles whereas it was previously sold from bulk.

The ice cream factories and premises were inspected on several occasions during the year and I am pleased to say that a high standard of cleanliness in premises and equipment is being maintained.

The Regulations and Orders appertaining to the Sale of Food are generally well adhered to. In one case only was default found which concerned labelling and marking of tomatoes in terms of the Merchandise Marks Act and Orders.

The following table shows a list of articles of food purchased for analysis during 1954.

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

PUBLIC HEALTH (PRESERVATIVES IN FOOD)

REGULATIONS (SCOTLAND), 1925/27.

Aspirin	...	...	1	Mince	...	...	8
Apple Jelly	...	...	1	Olive Oil	...	...	1
Black Pudding	...	...	1	Potted Meat	...	...	1
Baking Powder	...	...	1	Sauce	...	...	2
Bisto	...	...	1	Sausage	...	...	4
Butter	...	...	1	Still Orange	...	...	2
Creamola	...	...	1	Strawberry Jam	...	...	1
Custard Powder	...	...	1	Sweet Milk	...	...	16
Cooking Fat	...	...	1	Tea	...	...	2
Citric Acid	...	...	1	Table Jelly	...	...	1
Fish Cakes	...	...	1	Tinned Peas	...	...	1
Flour	...	...	2	Whisky	...	...	5
Lollipops	...	...	1				

Of the 58 samples purchased, 37 were official and 21 test samples. All official samples were genuine while 1 test sample, in respect of mince, was non-genuine in that the permissible parts of Sulphur Dioxide was exceeded. An official retake of this article was genuine.

The case in respect of Sweet Milk which was continued for various periods due to the indisposition of the agent of the accused was latterly abandoned. Subsequent tests have proved satisfactory.

ICE CREAM (SCOTLAND) REGULATIONS, 1948.

There are 28 shops, 3 factories and 7 vehicles registered in terms of the above Regulations. The registrations are as follows: Manufacture, Storage and Sale, 13; Sale and Storage, 9; Manufacture, 3; Sale, 6; and the vehicle registrations.

On inspection these premises are found to be kept and maintained in a satisfactory condition. Following an inspection by the Department of Health Inspector, the only complaints mentioned was the tendency of the tinning of the direct heat pasteurisers to peel because of the rotating mixers and the inclination to store the pasteurised product prior to freezing at a temperature which was considered insufficiently low. The complete remedy in the first instance is the introduction of indirect heat or jacketed boilers, while the latter can be rectified by an adjustment of the compressor mechanism.

In one new application for manufacture, the proprietor was advised to instal the indirect heat pasteuriser and conformed to the suggestion.

A total of 22 samples were taken throughout the year, 17 for chemical analysis and 5 for chemical and bacteriological analysis. Of the 22 samples taken 5 were not genuine being under the legal standard of 5 per cent. butter fat. Proceedings were instituted in all cases which resulted in the defendants

being found guilty. Sentence in 4 cases was £7 or 30 days and in the remaining case £3 or 20 days.

Results of the bacteriological analysis are as undernoted:—

			<i>No. of Bacteria per Millilitre.</i>
Sample No. 10	...	...	750,000
Sample No. 11	...	...	4,800
Sample No. 12	...	...	110,000
Sample No. 13	...	...	1,400
Sample No. 14	...	...	35,000

Bearing in mind the presumptive standard laid down by the Department of Health, which is 100,000 organisms per millilitre, these analyses with one exception are reasonably satisfactory. In the exception the high count could be related to lack of cleanliness of equipment and improper methods or lack of care in manufacture.

Table No. VI shows the number of new licences granted during the year.

PUBLIC HEALTH (MEAT) REGULATIONS (SCOTLAND), 1932.

Owing to the dilapidated condition of the former slaughterhouse at Garelochhead, the proprietor was advised that a licence could not be issued in respect of these premises unless extensive renovations were carried out. Under the circumstances the application was not proceeded with.

No slaughtering takes place within the area, this business being now centralised in the Burgh of Dumbarton premises, with distribution therefrom.

74 Certificates were issued, under the Public Health (Scotland) Act, 1897, in respect of articles of food found on inspection to be unsound and unfit for human consumption. The total weight of articles condemned was 351 lbs. The articles seized were mainly tinned products coming under the categories of slacks, leakers and blown tins. A considerable amount of imported gammon was seized on account of

decomposition, while 5 boxes of fresh fruit were seized as being unfit for human consumption. Where there is no requirement to return the article seized to the wholesalers these are usually passed as swill for pig feeding.

PRIVATE STREETS AND FOOTPATHS.

No notice in terms of Section 39 of the Public Health (Scotland) Act, 1897, was served during the year. Private roads and footpaths in a private housing development were brought up to highway standard at the expense of the various owners and thereafter were taken over by the Highways Authority.

FERTILISERS AND FEEDING STUFFS ACT, 1926.

There is nothing to report under this heading for the year.

SHOPS ACT, 1950.

Table No. V shows the number of shops and the nature of business. In one case complaint was received concerning a grocer who was stated not to be complying with the Act regarding the Wednesday 1 p.m. closing. This complaint was not valid as the person to whom it related had his premises within a defined holiday area and had therefore the prerogative to remain open under a recognised and operative byelaw whereby an exemption against closing on Wednesdays was applicable during the summer months. Contraventions are liable to occur in the small shops carrying on mixed trades or business. These principally relate to the failure to exhibit a Notice on the recognised weekly half holiday stating that the premises are closed other than for the sale of exempted articles as defined. When such cases are brought to the attention of the department, or witnessed in course of inspection, a warning generally suffices to remedy the default.

Section 38 of the Shops Act, 1950, is reasonably well com-

plied with in so far as it relates to suitable and sufficient sanitary conveniences and washing facilities for persons employed about shops. The definition of suitable and sufficient is somewhat flexible and accordingly it is difficult to lay down hard and fast requirements for existing shops quite a number of which use w.c.s common to tenants in the respective properties. In my opinion, suitable and sufficient sanitary conveniences and washing facilities should be separate w.c.s for the sexes in shops, where both are employed, with hot water facilities available at wash-hand basins. The provision of soap and clean hand towels is a necessity. One cannot over-emphasise the importance of food handlers being meticulous in personal hygiene.

The provisions of the Young Persons (Employment) Act, 1938, regarding hours of employment of young persons are well adhered to and no action was necessary to deal with any infringement.

HOUSING—BUILDING LICENCES.

A Circular issued by the Department in the course of the year intimated that as from 1st of January the Secretary of State agreed that subject to Planning and Byelaw consent, licences for building could be issued for the building of houses of not more than 1,500 square feet, and to any builder to build up to 50 houses of not more than 1,500 square feet per house. Applications to build more than 50 houses had to be submitted to the Department with Local Authorities observations. Licences were accordingly issued in respect of 23 houses, 12 of which were for a private builder. The terms of this Circular were revoked in the latter part of the year.

During the year 39 houses were made the subject of Closing Orders and 63 of Demolition Orders. Undertakings were given in respect of 2 houses and representation on 9 houses for

closure was continued. Abandoned properties at 8/10 Stirling Street and 27/31 Main Street, Renton, were demolished at a cost of £40 to the Council. One Demolition Order was recalled and the premises granted for use as a reading room. Permission was also given in respect of 6 houses which were the subjects of Closing Orders for use as workshops, stores, etc.

The total number of persons housed from condemned property was 243 coming from 32 one apartment, 63 two apartment, 10 three apartment and 8 four apartment houses. In addition 5 three apartment, 290 two apartment and 71 one apartment houses were decrowded.

Housing in the Vale of Leven and Renton areas demands a lot of the inspectors' time in checking and surveying for overcrowding, condemnable properties and sub-tenants. The constant switching of applicants from one address to another, particularly in the sub-tenant category, demands constant visitation in order to keep the records up to date. The preparation of lists for submission to the Council, the submission of Demolition and Closing Schedules, together with the part supervision of the new houses built as alternative accommodation make this part of the department's administration a major factor. However, the large developments of Local Authority houses have made quite noticeable effects on the more serious cases of overcrowding and a considerable depletion of the four apartment application list is evident. The number of applications at the end of the year on the 4 apartment list was 108 while 650 names remain on the 3 apartment list. It should be noticed that 4 unit families with adult son and daughter are now considered in the 4 apartment list.

In the landward areas of Cardross, Rhu, Rosneath and Arrochar Parishes the housing situation is not so acute as in the populous area of Vale of Leven.

The combined number of applications at the end of the year from these Parishes for 4 apartment houses was 42 while those in respect of 3 apartments or under total 175. These figures

fluctuate through persons moving in and out of these areas and represent the actual number of applications many of which are not officially qualified for consideration on the length of residence requirement.

I have the honour to be,
Ladies and Gentlemen,
Your obedient servant,

WILLIAM T. SAMSON

TABLE I.—FACTORIES ACT, 1937.

PARISHES.																		
TRADE OR BUSINESS.	Arrochar.		Bonhill.		Cardross.		Dumbarton.		Kilmarnock.		Luss.		Rosneath.		Rhu.		Total Non-Mechanical.	Total Mechanical.
	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.	Mechanical.	Non-Mech.		
Aerated Water Manufacturers,	..	..	1	5	3	..	..	..	..	..	..	..	..	..	..	..	1	8
Bakers, ..	..	1	2	1	3	..	..	..	..	..	..	..	..	..	1	..	2	4
Blacksmiths, ..	..	..	4	4	2	..	..	..	..	..	..	..	..	..	..	..	6	2
Bootmakers, ..	..	..	2	2	1	..	..	..	..	..	..	..	..	..	..	..	2	9
Bleachers and Dyers ..	..	..	..	..	..	..	..	4	..	1	..	..	..	..	1	..	1	10
Engineers, ..	1	..	4	4	3	3	..	..	..	..	..	..	..	..	..	..	4	11
Dressmakers and Milliners, ..	..	..	1	1	3	..	..	..	..	..	..	..	..	..	..	..	1	1
Iron Founders, ..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	1	1
Hosiery Manufacturers,	..	..	1	1	2	2	..	..	..	..	..	..	..	..	..	..	3	3
Joiners and Cabinetmakers, ..	..	1	3	5	3	1	3	..	1	1	2	..	1	1	4	1	6	18
Launderers, ..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	1	1
Motor Engineers, ..	2	..	4	6	1	2	..	..	2	1	..	..	..	..	3	..	2	14
Plumbers, ..	..	1	5	5	2	..	..	..	1	1	..	..	1	1	3	3	13	13
Printers, ..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	1	1
Sawmillers, ..	..	..	4	4	2	2	..	..	1	1	2	2	1	1	2	2	12	12
Sculptors, ..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Ship and Boat Builders and Breakers, ..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	7
Tailors, ..	..	..	3	3	..	..	..	..	..	..	..	..	2	2	2	2	2	2
Watch and Clock Makers	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	2	2
Weavers ..	..	1	..	1	1	1	1	..	..	..	..	..	..	..	..	..	1	3
Miscellaneous—Works of Temporary Nature, etc., ..	1	9	7	15	11	7	3	1	4	4	1	5	6	7	11	17	49	85
Total Mechanical, ..	4	..	44	..	24	..	8	..	3	..	5	..	11	11	19	..	118	..
Total Non-Mechanical, ..	..	13	..	22	..	15	..	1	7	7	5	5	10	5	15	..	83	..
TOTAL, ..	..	17	..	66	..	39	..	9	..	10	..	10	16	..	34	..	201	..

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, -	-	1	...	1	1	...	3	4	1	...	...	1	6
Ronhill, -	2	...	3	1	7	11	24	1	154	111	3	1	270
Cardross, -	5	...	1	2	5	1	14	4	13	5	1	11	31
Dumbarton, -	...	...	...	...	1	...	1	...	2	...	...	...	2
Kilmarnock, -	2	...	...	...	3	...	5	...	...	4	1	...	5
Luss, -	1	...	...	...	2	...	3	...	1	5	...	...	6
Rosneath, -	2	...	1	...	3	1	7	...	10	15	3	...	28
Rhu, -	1	1	1	2	4	1	10	11	38	3	1	3	56
Total, -	13	2	6	6	26	14	67	17	219	143	9	16	404

Plans were also submitted for 78 garages, 15 sheds, alterations to 7 shops, 1 pier and breakwater, 4 petrol pumps, 1 diesel oil storage tank, 3 refreshment kiosks, 1 factory extension, 1 factory improvement, 1 transformer station, 2 piggeries, 2 temporary classrooms, 1 primary school and janitor's house, and 6 other buildings.

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

Parishes.	Registered Dairy Farms.	Exempted Dairy Premises.	Approx. No. Cows.	Producers Not Selling by Retail.	Milkshops	Trading Vans.
Bonhill, - -	14	3	387	12	10	7
Kilmarnock, - -	41	6	862	40	—	2
Luss, - -	7	10	164	5	—	2
Cardross, - -	20	1	507	17	5	3
Rhu, - -	5	8	142	4	2	3
Rosneath, - -	12	—	161	6	—	7
Dumbarton - -	3	3	80	3	—	1
Arrochar - -	—	8	18	—	—	1
Burgh of Helensburgh,	2	—	57	1	6	4
Burgh of Cove and Kilcreggan, - -	—	—	—	—	—	—
Totals, -	104	39	2378	88	23	30

TABLE IV.—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
			Bacterial Count	B. Coliform	Bacterial Count and B. Coli		
Certified ...	5	35	3	2	1	—	6
Tuberculin Tested	85	430	31	12	5	—	48
Standard	—	—	—	—	—	—	—
Pasteurised	—	—	—	—	—	—	—
TOTALS ...	90	465	34	14	6	—	54

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SCHOOL MILKS

No. of Samples Taken	Not Complying in respect of			Deficient in Butter Fat	Total not Complying
	Bacterial Count	B. Coli	Bacterial Count and B. Coli		
43	7	1	1	2	11

ORDINARY MILKS

Result of Methylene Blue Reductase Test.			
No. of Samples Taken	Satisfactory		Total
	Non-Satisfactory		
50	37	13	50

SHOPS ACTS, 1912-1950.

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

PARISHES.	Bakers.	Butchers.	Chemists.	Clothiers and Tailors.	Cycle Agents, &c.	Confectioners.	Dairies.	Drapers, Dressmakers and Milliners.	Fish and Chip Shops.	Fishmongers.	Fruiterers.	Furniture Dealers.	Grocers.	Hairdressers.	Hardware and Dry-salters.	Ice Cream and Aerated Water Vendors.	Newsagents and Stationers.	Shoemakers.	Tea Rooms and Restaurants.	Tobaccoconists.	Watchmakers and Jewellers.	Miscellaneous.	TOTAL.	
Arrochar, -	—	1	—	—	—	1	—	—	—	—	1	—	3	1	1	—	—	—	—	4	—	—	—	12
Bonhill, -	11	12	4	5	1	8	6	14	8	3	8	2	17	7	8	9	12	6	6	12	2	2	64	222
Cardross, -	6	7	2	1	—	18	5	5	3	2	8	1	13	2	2	2	6	2	2	2	—	1	9	97
Dumbarton, -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kilmarnock, -	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	3
Luss, -	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	2	—	—	—	4
Rhu, -	3	1	—	—	—	6	1	1	—	—	1	—	4	—	—	2	2	—	—	6	—	—	2	29
Rosneath, -	—	1	—	—	—	2	1	—	—	—	—	—	4	—	—	—	1	—	—	—	—	—	—	9
Totals, -	20	22	6	6	1	36	13	20	11	5	18	3	45	10	11	13	21	8	26	2	3	75	375	

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

Parish.	Applications	Continued from Previous Year	Registrations.						Vehicles.	Continued.
			Manufacture.		Sale.		Storage.			
			Granted.	Refused.	Granted.	Refused.	Granted.	Refused.		
Arrochar, -	—	—	—	—	—	—	—	—	—	—
Bonhill, -	1	—	—	—	1	—	1	—	1	—
Cardross, -	—	—	—	—	—	—	—	—	—	—
Rhu, -	—	—	—	—	—	—	—	—	—	—
Rosneath, -	—	—	—	—	—	—	—	—	—	—
Cove & Kilcreggan,	—	—	—	—	—	—	—	—	—	—
Helensburgh, -	3	—	3	—	2	—	2	—	—	—
Totals, -	4	—	3	—	3	—	3	—	1	—

COUNTY COUNCIL OF DUNBARTON.

County Sanitary Inspector
(*Eastern Area*).

J. D. McKENDRICK.

Depute County Sanitary Inspector
(*Eastern Area*).

WILLIAM ARTHUR.

Assistant Sanitary Inspectors.

JOHN DUNN.

JOSEPH C. MORTON.

JAMES G. WATSON.

JAMES A. RODGETT.

WILFRED G. WALTERS.

Milk Officer.

FLORA D. CALDER

Housing Supervisor.

MARGARET BLACK.

Administrative Assistant.

JOSEPH BAIRD.

Clerical Staff.

HAZEL E. GILCHRIST.

IRENE F. P. WILSON.

MAIRI C. GRAHAM.

MARGARET HAMILTON.

REPORT BY SANITARY INSPECTOR IN THE EASTERN AREA.

24 GEORGE SQUARE,
GLASGOW, C.2.

LADIES AND GENTLEMEN,

A review of the subjects administered from this Department during the year 1954 is submitted in accordance with Section 87 of the Local Government (Scotland) Act, 1947, for your consideration. This, the twenty-eighth Annual Report prepared since my present appointment in the year 1927, endeavours to convey to you an indication of the work executed.

WATER SUPPLY.

The water supplies serving the areas were sampled and analysed at periods throughout the year and the analyses proved satisfactory.

While the quality of the water supplied is satisfactory the supply pressure in Cumbernauld District has been a disturbing factor and caused some inhabitants much concern and annoyance. On being brought to the notice of the authority responsible for the water supply, a survey revealed a leak in a water main which, on repair, improved the water pressure. It is still inadequate, and further investigation and remedial work will have to be instituted in order to provide consumers with an efficient water supply.

The condition of a water supply to cottages and a private supply to a farm in New Kilpatrick District were also investigated. The water supply to the cottages has been improved by the installation of a new pipe line system and while the farm supply gave satisfaction it fails to attain the standard of the public supply.

Throughout the year, samples of water were drawn to check

the quality of sources of supply, and are tabulated hereunder—

<i>From.</i>	<i>Source.</i>
1E Tap at Police Station House, Cumbernauld	Lanarkshire Gravitation.
2E Tap in scullery at Tambowie Farm	Private.
3E Tap in scullery at Tambowie Farm	Private.
4E Tap in Brannan's House, Footbridge, Waterside ...	Kirkintilloch Gravitation.
5E Tap in yard at Campbell's House, Broval, Craigton	Private.
6E Tap in Cloakroom at High Craigton House	Private.
7E Tap at Police Station House, Cumbernauld	Lanarkshire Gravitation.
8E Tap at Police Station House, Cumbernauld	Lanarkshire Gravitation.
9E Tap at Police Station House, Cumbernauld	Lanarkshire Gravitation.
10E Tap in Brannan's House, Footbridge, Waterside ...	Kirkintilloch Gravitation.

DRAINAGE SYSTEMS EFFICIENCY.

The drainage systems of all proposed new and altered buildings were inspected during operations and finally smoke-tested before completion of work.

Arising during the year, and necessitating decision, was the elimination of Septic Tanks before a connection was made to public sewer introduced to the area concerned. Each Septic Tank was properly sealed off before drainage system was connected to sewer.

An outfall from a mutual drain involving joint proprietors called for guidance and direction being given to the proprietors relating to their responsibility in improving the system.

Throughout the Eastern Drainage District and the portion of the Western Drainage District within the Eastern Area of the County the drainage systems were generally found to be functioning satisfactorily.

SEWAGE PURIFICATION AND DISPOSAL.

From periodic inspections made during the year to the Sewage Purification Works, the condition and maintenance of the plant and analyses of samples of effluent drawn revealed the efficiency of the installations.

RIVERS POLLUTION.

A recurrence of the pollution of the River Allander called for further investigation and consultation with the proprietors of the works responsible for discharging waste to cause a froth surface to form on the water and frothy "airborne" particles to travel in the atmosphere. At the present time efforts are being applied in an endeavour to at least dilute the pollution towards alleviating and ultimately curing the cause of complaint.

The ditch at Sidegoats near Drumbreck Farm draining Drumgrew Moss and discharging into the River Luggie was polluted by the discharge of waste material from a Colliery with the result that it became a danger to livestock and crops. Analyses of samples drawn emphasised the drastic nature of the pollution of the Ditch. The National Coal Board are fully aware of their responsibilities and active measures are being taken to eliminate this serious pollution.

A further pollution occurred at the Bothlyn Burn near its junction with the River Luggie. The analyses of the water showed the suspended matter to be coal dust and coal tar oil, and efforts to overcome this recurring pollution are at present in operation by the Local Authority in whose area the pollution originates.

While three samples only were collected during the year, the foregoing details reveal the urgency of action that confronts the appropriate Boards when formed and operating under the Rivers (Prevention of Pollution) (Scotland) Act, 1951.

MILK.

The application of the Milk and Dairies (Scotland) Act, 1914, applied to the undernoted registered premises:—

<i>Parish</i>	<i>Producers.</i>				<i>Dealers.</i>			<i>Total Regd.</i>
	<i>W.</i>	<i>W.R.</i>	<i>R.</i>	<i>Total.</i>	<i>Shops.</i>	<i>Vans.</i>	<i>Total.</i>	
E. Kilpatrick ...	8	8	—	16	9	15	24	
W. Kilpatrick ...	5	4	—	9	10	16	26	
Cumbernauld ...	16	17	9	42	2	10	12	
Kirkintilloch ...	12	9	3	24	11	13	24	
Totals ...	<u>41</u>	<u>38</u>	<u>12</u>	<u>91</u>	<u>32</u>	<u>54</u>	<u>86</u>	<u>—</u>

W.=wholesale. W.R.=wholesale and retail. R.=retail only.

Additional premises registered during the year totalled 8 producers' premises and 5 dealers' premises.

Under the Milk (Special Designations) Orders (Scotland) 1936-44, Licences issued related to:—

<i>Parish.</i>	<i>Producers.</i>				
	<i>Tuberculin</i>				
	<i>Certified.</i>	<i>Tested.</i>	<i>Pasteurised.</i>		
E. Kilpatrick ...	...	...	1	1	—
W. Kilpatrick ...	...	...	—	3	—
Cumbernauld ...	...	...	—	—	—
Kirkintilloch ...	...	...	—	1	—
	<u>1</u>	<u>5</u>	<u>—</u>		
	<i>Dealers.</i>				
E. Kilpatrick ...	...	...	2	—	1
W. Kilpatrick ...	...	...	—	—	—
Cumbernauld ...	...	...	—	2	2
Kirkintilloch ...	...	...	1	—	—
	<u>3</u>	<u>2</u>	<u>3</u>		

The samples collected and analysed under the Orders are described in Table I which is complete in relation to samples

drawn since the Milk (Special Designations) Orders (Scotland), 1936, first operated, also the milking methods applied.

Under the registration of premises, a farmer, who contravened Section 7 of the Milk and Dairies (Scotland) Act, 1914, had his registration revoked and at a later stage failed to comply with this decision by again trading in the sale of milk, and on being prosecuted was fined £8 or 30 days' imprisonment. The fee was paid.

Replacement of equipment and repair of buildings are factors which naturally occur and, in a few cases only, has delay been experienced in remedying the defects.

The question of specified areas where the milk sold must be of a stipulated designation is under consideration by the Department of Health, and while it is the intention to decide areas within the County to be classed as specified, the classification, if applied to the whole County, would be justified.

At the present time, the Parish of East Kilpatrick and Burgh of Kirkintilloch are specified.

MILK AND DAIRIES AMENDMENT ACT, 1922.

We have come a long way since the introduction of the Special Designations, as applied to milk, detailed in the 1922 Act. For instance, with its introduction, the fees for Producers and Dealers were actually prescribed as follows:—

Certified Milk	...	...	...	£5	5/-.
Grade A. T.T. Milk	...	...	...	£1 1/-.	£2 2/-.
Grade A. Milk	...	...	...	£1 1/-.	£2 2/-.
Pasteurised Milk	...	...	...	£1 1/-.	

It was not very long before it was realised that the levying of these fees was likely to hold up production of the Designated Milk and the Council decided to charge the first applicant for a licence for the Production of Certified Milk, namely James Pirie, Laighpark Farm, Milngavie, the sum of £3 3s. It was a step in the right direction but still a hardship. I may say that a member of the Pirie family continues to produce Certified Milk on that farm. From that date it was seen that licence

fees were a deterrent, so gradually they disappeared, until to-day the Eastern Area is part of a Prescribed Area, which means that all the farms are now producing Certified or T.T. milk. The securing of this state involved a tremendous amount of work and persuasion, but to me it gives wonderful satisfaction in being able to say that the area is clear and the milk produced is of a very high standard, as will be seen from the various tables in this volume. The Prescribed Area, of course, was not secured without a great deal of expense to owners and producers, and in this connection, from my records I find that 31 new byres were actually constructed and at the same time 6 new farm houses.

The appointment of a Milk Officer in 1943 assisted greatly in the production of a clean and first quality milk and provided the necessary liaison between the Milk Marketing Board and the Department of Health. A summary of samples taken by the Milk Officer for 1954 will, I am sure, afford general satisfaction to everyone interested in milk production.

<i>No. of Farms.</i>	<i>No. of Samples.</i>	<i>High Bact. Count.</i>	<i>Percentage.</i>	<i>B. Coli.</i>	<i>Percentage.</i>
77	465	27	5.506	25	5.37

ICE CREAM (SCOTLAND) REGULATIONS, 1948.

During the year four new registrations were granted, three withdrawn by dealers and one cancelled due to unsuitable conditions.

The premises registered for the manufacture and/or sale of Ice Cream totalled 27 and are detailed as follows:—

<i>Area</i>	<i>Manuf. Sale and Storage.</i>	<i>Sale and Storage.</i>	<i>Total Regd.</i>	<i>Vehicles Regd.</i>
Cumbernauld ...	2	2	4	—
Kirkintilloch ...	—	—	—	—
E. Kilpatrick ...	1	1	2	—
W. Kilpatrick ...	3	1	4	2
Burgh of Kirkintilloch ...	5	3	8	4
Burgh of Milngavie ...	3	—	3	—
	—	—	—	—
TOTALS ...	14	7	21	6

Due to two Ice Cream manufacturers contravening Article (1) of the Food Standards Order, 1944, prosecutions were instituted as the samples analysed failed to contain the minimum requirements of 5 per cent. fat, viz:

(1) 2.64 Fat—Fined £10.

(2) 3.15 Fat—Fined £7.

An Ice Cream manufacturer who fails to keep well within the standards stipulated has no grounds for objection should his registration be revoked and this is the policy that will be applied to those who ignore their responsibility to produce the quality desired.

MEAT.

Under the Slaughter of Animals (Scotland) Act, 1928, and Byelaws—Slaughter of Swine, licences were issued to Mr. William B. McLaren, Westerwood Farm, Dullatur, and Mr. James McLaren, Main Street, Cumbernauld, to slaughter or stun animals, and swine, in accordance with the Provisions of the Act and Byelaws.

The number of carcasses slaughtered and examined during the year totalled 83 and of these 12 were partially seized as indicated hereunder—

<i>Kind of Carcases.</i>	<i>No. partially seized.</i>	<i>Weight of meat seized.</i>
Bullocks	3	32 lbs.
Cows	1	11 ¹ / ₄ lbs.
Heifers	4	25 ¹ / ₂ lbs.
Sheep	4	11 lbs.
	12	79 ³ / ₄ lbs.

The Slaughterhouse at Cumbernauld is licensed in the name of Messrs. James McLaren, Ltd., and the premises have been modernised and equipped to meet the specification of the Local Authority. The building is now a model of its kind.

On completion of the work the premises were approved for licence and the slaughter of the animals above referred to dated as from September, 1954.

The weight of tinned meat seized and disposed of following condemnation totalled 2 cwts. 20 lbs.

Under the Public Health (Scotland) Act, 1897, Section 43, 261 certificates were issued in respect of condemned food weighing 11 cwts.

FOOD AND DRUGS ADULTERATION ACT, 1928.

During the year, a total of 729 samples were procured for analysis. While milk and ice cream were the principal items sampled, a varied selection of other foods was also sampled for analysis.

A sample, No. 265, consisting of sliced sausage proved on analysis to contain 580 parts of Sulphur Dioxide per million, being 130 parts in excess. The butcher who supplied the meat was prosecuted and fined £3 or twenty days imprisonment—the fine was met.

It is gratifying to record that the analyses of food sampled revealed one sample only defective and two previously mentioned under Ice Cream Regulations. The respect shown to the Act and Regulations is appreciated and signifies the traders in the area to be upright in their trading methods.

SCAVENGING METHODS AND EFFICIENCY.

Transport.

6 Wagons: SN 8998, ASN 222, ASN 818, BSN 40, BSN 41 and DSN 377.

<i>Year.</i>		<i>Drivers.</i>	<i>Men.</i>	<i>Youths.</i>	<i>Road Sweepers.</i>	<i>Boys.</i>	<i>Total.</i>
1949	...	5	13	8	10	—	36
1950	...	6	15	4	10	—	35
1951	...	6	18	5	10	—	39
1952	...	6	17	6	10	—	39
1953	...	5	14	6	10	—	35
1954	...	6	15	6	10	1	38

The wagon SN 7969 in service in the year 1953 was replaced this year by DSN 377. This is a Shelvoke & Drewery Freighter W-type fore and aft tipper fitted with Perkins Diesel Engine. Since the wagon was introduced to service in the month of

June, it has proved a valuable asset in the cleansing operations by its capacity and smooth mechanical action.

While the work in the district was executed regularly a few complaints raised by householders were investigated and rectified where justified. These were of a minor nature and in no way detracted from the efforts to provide an effective service.

Killoch Coup.

The deposit of refuse at this Coup continues to function suitably and the process of reclaiming the ground is an operation that progresses gradually.

Summerston Coup.

An area of land at Summerston was leased from the proprietor for the disposal of domestic refuse and a reclamation scheme is now in progress. This added centre for refuse disposal provides the district with ample facilities for several years.

The scheme for the removal of Garden Refuse was taken advantage of by 683 householders who paid a total sum of £754 7s. 3d. for the service.

The cleansing of classified and unclassified roads within the Special District and charged to the Highways Department by this Department related to:—

Classified Roads—10.7 miles at £.75 per mile	...	£802	10	0
Unclassified Roads—23.36 miles at £.45 per mile	...	£1,051	4	0
<i>Total Cost—</i>		£1,853	14s.	

OLD KILPATRICK SPECIAL SCAVENGING DISTRICT.

Transport.

2 Wagons: BSN 903 and ASN 109.

<i>Year.</i>					<i>Drivers.</i>	<i>Men.</i>	<i>Road Sweepers.</i>	<i>Total.</i>
1949	...	...	...	...	2	6	4	12
1950	...	...	...	...	2	7	4	13
1951	...	...	...	...	2	7	4	13
1952	...	...	...	...	2	8	4	14
1953	...	...	...	...	2	8	4	14
1954	...	...	...	...	2	7	6	15

Throughout the year, the work within the District was smoothly and effectively executed. The equipment and manpower continues to meet the requirements.

Dumbuck Coup.

Reclamation proceeds slowly. Drainage problems have arisen but these are being overcome.

CUMBERNAULD SPECIAL SCAVENGING DISTRICT.

Transport.

1 Wagon CSN 599.

<i>Year.</i>			<i>Driver Mechanic.</i>	<i>Men.</i>	<i>Total.</i>
1954	...	...	...	3	4

Now that the system of direct labour has operated for eighteen months, its advance over the contract method is ever evident. This is attained by the introduction of complete modern equipment suitably manned, and the work systematically regulated.

No matter how well a form of work is applied, at some stage the inevitable "recoil" may arise. This happened in the Croy area where cattle grazing in a field adjacent to a housing scheme decided to vary their menu by making their way through the fencing and visiting the refuse bins in order to add to their diet. Needless to say, new fencing has been erected to ensure that the cows keep to the prescribed menu.

Dullatur Coup.

This Coup continues to meet the requirements of the area and at least a year should elapse before it has been filled in and is beyond use for the disposal of refuse.

GARTSHORE SPECIAL SCAVENGING DISTRICT.

The cleansing of the areas in this district continues to be operated by private contract as the introduction of a direct

labour system cannot be entertained due to the economic position governing the district.

Contracts were executed by :—

Waterside—

Mr. A. Stuart, No. 13 Oxbang, Kirkintilloch ... £323.

Twechar—

Mr. R. Roberts, Eagle Inn Cottage, Condorrat ... £580.

The refuse from Waterside is disposed of at a coup near Woodilee and the refuse from Twechar is taken to Drumgrew Coup which when reclamation is complete will bring valuable agricultural land back into production.

PUBLIC CONVENIENCES.

The situation of the Public Conveniences in the area and cash collected is recorded hereunder :—

	1950	1951	1952	1953	1954
Old Kil-					
patrick	£15 6 0	£16 4 6	£17 19 0	£18 12 6	£15 19 11
Milton	11 4 10	11 1 5	11 10 2	11 15 7	14 10 9
Duntocher	4 6 7	4 9 0	5 4 2	5 12 1	6 2 3
Hardgate	4 17 10	3 17 0	5 4 2	6 19 4	9 19 1
Twechar (from January, 1952) ...			8 13 1	6 16 5	3 11 7
Waterside (from August, 1952) ...			0 19 4	1 14 6	1 2 10

The attention given to the premises is constantly executed by the attendants but in certain areas the damage done to buildings and fittings by irresponsible persons during the absence of the attendant is so malicious that the expense of replacement and repair of material is a costly item. Police action and adequate punishment is the only means towards the stopping of this vandalism which is so costly to the ratepayer.

SANITARY CONVENIENCES.

While the improvement is more gradual it continues to be evident, as shown in Table II, and the time draws near when

obsolete conveniences will no longer be in use and each house will be equipped with its own facilities.

FACTORIES ACTS 1937 and 1948.

A total of 112 premises are registered under the Acts, to which 160 inspections were made during the year. The sanitary conveniences at three premises were found to be unsuitable or defective but the owners consented to remedy the position—two after verbal intimation and one subsequent to receiving official notice of the requirements to be implemented.

The co-operation between this Department and H.M. Inspector of Factories is a valuable aid in the work of the administration.

BURIAL GROUNDS.

During the year, periodical visits were paid to Cemeteries and the general check confirmed how exacting the application of the requirements was being observed.

BUILDING REGULATIONS

The stage has now been reached when private house development is showing signs of returning to the activity evident in the year 1939.

Table IV contains a record of the plans examined and considered for approval, and includes a scheme of 590 houses by a private builder, also houses to be built on gap sites within Local Authority Housing Schemes, and houses to accommodate members of the agricultural population and aged people. Altered houses related mainly to the addition of a bedroom or porch. Of the minor plans considered, Garages outnumber all plans and would appear in the present age to be an essential feature of private house building.

BUILDING LICENSING.

The curtailment of requirements for building licences reduced the number of licences issued to 46 and Table V contains a record of the applications considered during the year.

HOUSING.

A record of the houses built and allocated during the year is shown in Table VI.

Throughout the year, Reports were prepared for consideration by the appropriate Committee in relation to vacancies 51, keeping of lodgers 36, exchange of tenancies 20, transfer of tenancy to another name 32, and erections, i.e., garages, etc., 18.

At Milton, Bearsden, Condorrat, Twechar and Waterside six houses have been provided, or are in process of being provided, at each site for old folks. The weekly rental is 5s.

Representations were prepared for the Committee in connection with properties to be considered for closure or demolition. Under the Housing (Repairs and Rents) (Scotland) Act, 1954, a survey of properties has been instituted to acquire a complete record of the conditions existing.

Table X has been completed to illustrate the achievements in re-housing which have been carried out over the period May, 1914 to May, 1955.

A study of these figures will reveal that during the period under review despite the intervention of two world wars, 56 per cent. of the total population existing at 1914 have been re-housed by the Local Authority, over a period of 41 years.

Of particular note is the number of unfit houses closed during this time, namely 1553, also additional houses in excess of this figure provided for the relief of overcrowding, giving a total of (3,141 families re-housed under both categories) 2,868 houses provided by the Local Authority into which 3,141 families have been re-housed.

SCHOOLS.

Inspections were made to schools at periods throughout the year and a check on ventilation, drainage and water supply were the main items investigated and any defects found were of a minor nature and readily remedied.

INFECTIOUS DISEASES.

The total number of cases visited and reported on in the year ended 31st December, 1954, was 369. Landward Area 226, Burgh of Kirkintilloch 104, and Burgh of Milngavie 39. The latter mainly related to Scarlet Fever and in the other areas, in addition to Scarlet Fever, Whooping Cough, Dysentery and Pneumonia cases were most evident.

STREET LIGHTING.

The works involved in Old Kilpatrick Special Lighting District related to 69 lighting points at a cost of £1281. At Cumbernauld Special Lighting District 7 lighting points costing £120 and an improvement scheme amounting to £400 for the installation of 15 new points, also the erection of 5 wood poles on Trunk Road and a lamp at War Memorial. Within Gartshore Special Lighting District the electrification of 3 lighting points at a cost of £90 was undertaken. In Bearsden Special Lighting District improved lighting is under review and five new electric lighting points meantime have been installed. To facilitate the maintenance work, additional electrical equipment costing £100 was purchased. The lamps within Special Districts are as follows:—

GAS SUPPLY.

<i>District.</i>					<i>Street Lamps.</i>
New Kilpatrick	...	...	...	...	1,200
Old Kilpatrick	...	...	...	...	187
Gartshore	...	...	...	...	3
					1,390

ELECTRICITY SUPPLY.

<i>District.</i>	<i>Street Lamps.</i>	<i>Signal Lamps.</i>	<i>Total.</i>
New Kilpatrick	216*	3	219
Old Kilpatrick	480	—	480
Cumbernauld	295	—	295
Gartshore	155	—	155
	<u>1,146</u>	<u>3</u>	<u>1,149</u>

* Includes 103 Lamps on Maryhill and Milngavie Roads, Bearsden, served by the Transport Department of Glasgow Corporation.

NUISANCES.

While seventy-seven intimations were served in addition to verbal directions given, no item of an exceptional nature was involved. The nuisances dealt with are recorded in Table VII.

NAMING OF STREETS.

Additional street names introduced during the year were—

New Kilpatrick—

Larchfield Road, Cairnhill Road and Somerford Road.

Cumbernauld (southern district)—

Greenfaulds Crescent.

Kirkintilloch (Twechar area)—

Gartshore Crescent, Kelvin View, Johnstone Terrace and Differ Avenue.

TENTS, VANS AND SHEDS.

Under this item, the only recording to be made is an inspection to a Caravan Site at a Nursery. The conditions at the site, and the occupants of modern equipped Caravans complied with the requirements of the Bye-Laws.

PEST DESTRUCTION.

The existing organisation under the Prevention of Damage by Pests Act, 1949, continues to function effectively, but the necessity arises of reminding some farmers of their obligation to net stacks when threshing and dismantling, as contained in the Regulations issued in the year 1950.

A systematic survey is regularly operated in relation to Coups, Sewage Disposal Works, Farms, Piggeries and Industrial premises and, where necessary, immediate action is taken to destroy the vermin. Complaints received are investigated and, if confirmed, the formula to remove the vermin is applied without delay.

The Pests known to have been destroyed were : —

Rats	...	...	1009	Mice	...	...	92
------	-----	-----	------	------	-----	-----	----

The properties involved totalled 78 Dwelling houses, 9 Industrial, 10 Agricultural and 18 Local Authority properties. The houses concerned were brought to notice during inspections on other duties or by communication. In many of the cases, fortunately, it was found that the vermin had not penetrated the house but were in the ground adjoining.

Table VIII summarises the work.

SHOPS ACTS.

Throughout the year, at various periods, visits were made to shops to ensure the Acts and Regulations governing shops were being observed. While no serious departure from the requirements had to be dealt with, discrepancies of a minor nature did arise to which the attention of the shopkeeper was directed.

From a hygienic standpoint it would appear, compared to earlier years, that competition exists between shopkeepers in the advance of hygiene, equipment and fittings. This is apparent from the staff attire, compact showcases, refrigerators

and material wrapped and packed. The improvement in the methods of service and conditions of the shopkeepers and employees is one of the most outstanding attainments achieved which is so beneficial to the public. Notwithstanding, further improvement is still required in some directions.

SALVAGE.

The demand for material such as wastepaper and kitchen waste ensures a ready outlet and the result of this service may be gauged from the following details.

				<i>Tons.</i>	<i>Cwts.</i>	<i>Qrs.</i>	<i>£</i>	<i>s.</i>	<i>d.</i>
Kitchen Waste	...	...	...	84	15	0	349	11	10
Bones	...	...	...	1	8	0	6	7	1
Wastepaper	...	...	...	96	6	0	481	1	3
				182	9	0	£837	0	2

Compared with the year 1953, the figures show an increase in tonnage of 3 tons 14 cwts. and in revenue of £80 2s. 5d.

GENERAL.

A review of the activities covering the various subjects administered by this Department indicates a relaxation in housing allocation, but a renewal of housing surveys. Food and Drugs sampling has increased and the development and improvement of Lighting and Scavenging factors have been predominant in the work of the staff. The inspection of Dairy Farms, Milk Sampling and Pest Destruction are subjects that have consistently been in the forefront of the programme of work throughout the year.

On introducing you to this Annual Report, reference was made to it being the twenty-eighth prepared.

The responsibility of the appointment has been conducted over a period of twenty-nine years of service in Local Government, totalling 44 years. As the date of retirement approaches,

the "Stop Signal" indicates this to be the final yearly review of work which, over the years, has shown many changes in procedure, development and personnel. A life-long service has been both interesting and enjoyable. Obstacles naturally appeared but by thoughtful consideration and mutual understanding there is no difficulty that arises but can be overcome.

The response from the staff has been of immeasurable value in the administration and I trust my successor will be equally fortunate in obtaining from you the consideration and support I have enjoyed from Council Members during my service.

I am,

Ladies and Gentlemen,

Your obedient servant,

J. D. McKENDRICK,
County Sanitary Inspector.

TABLE I.—MILK (SPECIAL DESIGNATIONS) ORDERS (SCOTLAND), 1936-44.

RECORD OF SAMPLES DRAWN FROM FARMS SINCE THE INTRODUCTION OF THE ABOVE ORDERS UNTIL DECEMBER, 1954.

Year ended		No. of Farms	No. of Samples	High Bact. Count	Percentage	Bacilli Coll	Percentage
Introduction of Orders until December, 1942,		50	1062	91	8.56%	63	5.93%
December, 1943,	-	51	324	31	9.56%	32	9.87%
December, 1944,	-	58	375	22	5.86%	24	6.40%
December, 1945,	-	63	387	29	7.49%	22	5.68%
December, 1946,	-	64	397	20	5.03%	15	3.77%
December, 1947,	-	66	400	33	8.25%	34	8.50%
December, 1948,	-	71	454	51	11.23%	50	11.01%
December, 1949,	-	78	494	34	6.88%	35	7.28%
December, 1950,	-	75	457	44	9.62%	39	8.53%
December, 1951,	-	75	451	49	10.86%	28	6.20%
December, 1952,	-	75	451	57	12.60%	48	10.60%
December, 1953,	-	77	447	70	15.65%	59	13.17%
December, 1954,	-	77	465	27	5.80%	25	5.37%
Totals,	-	-	6164	558	9%.	474	7.68%.
MILKING METHODS.							
<i>Hand Milking.</i>							
Introduction of Orders until December, 1942,		21	402	20	4.97%	13	3.23%
December, 1943,	-	17	98	5	5.10%	2	2.10%
December, 1944,	-	17	101	-	-	1	0.99%
December, 1945,	-	17	101	5	4.95%	5	4.95%
December, 1946,	-	15	94	3	3.19%	5	5.31%
December, 1947,	-	16	90	5	5.55%	9	10%
December, 1948,	-	14	84	3	3.57%	4	4.76%
December, 1949,	-	15	89	6	6.74%	5	5.61%
December, 1950,	-	11	67	8	11.94%	5	7.46%
December, 1951,	-	7	33	3	9.09%	-	-
December, 1952,	-	4	23	2	8.70%	3	13.10%
December, 1953,	-	2	11	2	18.1%	1	9.0%
December, 1954,	-	2	13	-	-	1	7.69%
Totals,	-	-	1206	62	5.14%	54	4.47%
<i>Machine Milking.</i>							
(Total of 7 Machines).							
Introduction of Orders until December, 1942,		27	660	71	10.75%	50	7.57%
December, 1943,	-	34	226	26	11.50%	30	13.27%
December, 1944,	-	41	274	22	8.02%	23	8.39%
December, 1945,	-	46	286	24	8.39%	17	5.90%
December, 1946,	-	49	303	17	5.61%	10	3.30%
December, 1947,	-	50	310	28	9.03%	25	8.06%
December, 1948,	-	57	374	48	12.83%	46	12.29%
December, 1949,	-	63	405	28	-	30	-
December, 1950,	-	64	390	36	9.23%	34	8.71%
December, 1951,	-	68	418	46	11%	28	6.69%
December, 1952,	-	71	428	55	12.85%	45	10.51%
December, 1953,	-	75	436	68	-	58	-
December, 1954,	-	75	452	27	5.97%	25	5.53%
Totals,	-	-	4962	496	9.99%.	421	8.48%.

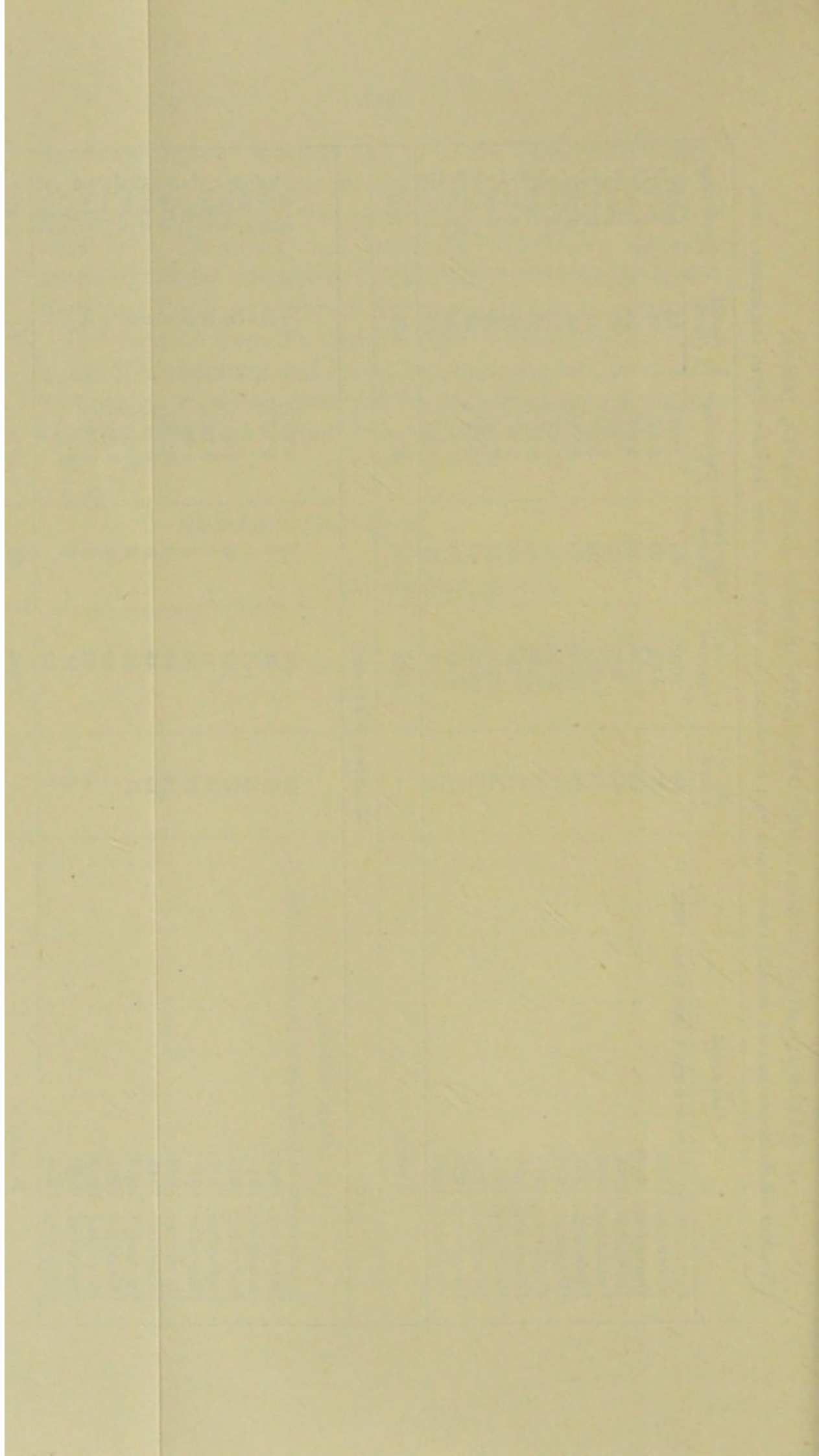


TABLE II.—DETAILS OF SANITARY CONDITIONS—EASTERN AREA.

AREA.	Dry Closets in use serving					Water Closets serving					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, - - -	2	...	...	...	...	9	2	1	...	...	3	
Cumbernauld, - - -	1	...	...	...	...	22	5	...	...	...	21	
Croy, - - -	...	4	...	...	...	...	...	...	...	...	...	
Duntocher, Hardgate, and Faifley, - - -	...	...	...	...	...	48	10	17	...	...	...	
Old Kilpatrick, - - -	...	...	...	...	...	14	6	5	...	...	...	
Bowling, - - -	...	...	...	...	...	26	11	3	...	...	...	
Milton and Dumbuck, - - -	2	...	...	...	2	...	...	...	...	...	1	
Twechar, - - -	...	...	...	...	...	58	.	...	...	...	...	
Waterside, - - -	...	2	1	...	...	...	...	...	...	...	...	
TOTAL, - - -	5	6	1	...	2	177	34	26	...	...	25	

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, -	-	-	-	-	2	-	2	-	6	-	6
Blacksmiths, -	-	-	-	1	-	-	-	1	-	2	2
Builders, -	-	1	-	-	-	6	1	3	1	10	11
Bootmakers, -	-	-	1	-	-	-	1	2	2	2	4
Brickworks, -	1	-	1	-	-	-	-	-	2	-	2
Butchers, -	3	-	-	1	6	-	6	-	16	-	16
Chemical Works, -	-	-	-	-	-	-	-	-	-	-	-
Coal Merchants, -	-	5	-	-	-	4	-	4	-	13	13
Distillers, -	-	-	-	-	-	-	1	1	1	1	2
Dressmakers, -	-	-	-	-	-	-	1	-	-	-	-
Electrical Manufacturers, -	-	-	-	-	-	-	-	-	1	-	1
Engineers, -	-	-	-	-	-	-	-	-	-	-	-
Fireclay Works, -	1	-	-	-	-	-	-	-	1	-	1
Grain Mills, -	1	-	-	-	-	-	-	-	1	-	1
Hosiery Manufacturers, -	-	-	-	-	-	-	-	-	-	-	-
Joiners and Carpenters, -	1	-	-	-	3	2	3	-	7	2	9
Laundries, -	-	-	-	-	-	-	-	-	-	-	-
Motor Engineers, -	3	-	-	-	9	-	3	1	15	1	16
Oil Depots, -	-	-	-	-	-	-	4	-	4	-	4
Plumbers, -	1	1	-	-	-	5	-	4	1	10	11
Painters, -	-	-	-	-	-	5	-	1	-	6	6
Quarries, -	2	-	-	-	-	-	1	-	3	-	3
Shipbuilders, -	-	-	-	-	-	-	1	-	1	-	1
Sculptors, -	-	-	-	-	-	-	1	-	1	-	1
Tailors, -	-	-	-	-	-	-	-	-	-	-	-
Watchmakers, -	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous, -	1	3	1	-	-	-	-	-	8	12	20
TOTALS, -	16	10	3	2	20	22	31	26	71	59	130

TABLE V.—BUILDING LICENSING TABLE.

MONTH.	No. of Applications received	Value £ s. d.	Withdrawn	Refused	Pending	Licences Issued	Value £ s. d.
January -	1	3,500 0 0	—	—	—	1	3,500 0 0
February -	3	12,200 0 0	—	—	—	1	12,200 0 0
March -	5	18,030 0 0	—	—	—	5	18,030 0 0
April -	11	83,635 0 0	—	—	—	11	83,635 0 0
May -	7	53,967 0 0	—	—	—	7	53,967 0 0
June -	2	2,450 0 0	—	—	—	2	2,450 0 0
July -	7	53,800 0 0	—	—	—	7	53,800 0 0
August -	6	19,800 0 0	—	—	—	6	19,800 0 0
September -	3	9,980 0 0	—	—	—	3	9,980 0 0
October -	4	16,400 0 0	—	—	—	4	16,400 0 0
TOTALS -	49	273,762 0 0	—	—	—	47	273,762 0 0

At 31st October issue of licences discontinued

TABLE VI.—NEW HOUSES AND VACANCIES ALLOCATED DURING THE YEAR 1954.

DISTRICTS	Houses Allocated Apartments					Total	Local Authority		Sub-Tenants		O/C. P.O. Tenants	Huts	Special Cases	Total Moves	Total Number of Persons involved
							Decrowd	Decant	I.A.	P.O.					
	1	2	3	4	5										
Duntocher -	—	3	13	14	—	30	9	3	7	—	13	2	4	38	131
Old Kilpatrick and Bowling -	—	1	1	1	—	3	—	1	1	—	2	—	—	4	13
Cumbernauld -	6	2	1	5	1	15	1	2	4	1	1	—	6	15	62
Kirkintilloch -	-	2	6	2	1	11	—	2	6	—	2	—	—	10	38
Bearsden -	—	2	1	1	—	4	2	—	—	1	—	—	1	4	12
Totals -	6	10	22	23	2	63	12	8	18	2	18	2	11	71	256

TABLE VII.—NUISANCES.

A—ABATED N.A.—NOT ABATED.

	CUMBERNAULD.				KIRKINTILLOCH.				EAST KILPATRICK.				WEST KILPATRICK.				ABATED.	NOT ABATED.	TOTAL.
	Verbal.	Written.	A.	N.A.	Verbal.	Written.	A.	N.A.	Verbal.	Written.	A.	N.A.	Verbal.	Written.	A.	N.A.			
Ashpits abolished, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ashpits repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ashbins provided, -	...	...	21	...	...	...	...	...	...	...	...	...	...	...	36	...	...	...	58
Accumulation of Refuse removed, -	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Common Stairs whitewashed and cleaned, -	...	1	1	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...	12
Drains cleaned, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drains repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Houses—Ceilings repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Dirty, cleaned, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Doors repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Fireplace repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Floors repaired, -	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Plasterwork repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Walls repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Windows repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roofs repaired, -	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rones defective, -	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Water Closets defective, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Water Closets cleaned, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Water Supply improved, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Waste Pipes repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wash Houses repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Soil Pipes repaired, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vents repaired, -	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous, -	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS, -	...	31	31	...	...	1	1	...	...	4	4	...	...	72	72	...	108	...	108

TABLE VIII.—PEST DESTRUCTION.

PARISH	Farm	INFESTATION Dwelling House, Shops, Etc.	Land	METHOD OF DISINFESTATION			Estimated No. Rats Destroyed	Rat Proofing of Premises
				Poison	Gassing	Trapping		
East Kilpatrick, including Burgh of Milngavie . . .	8	37	3	32	1	15	111	—
West Kilpatrick . . .	9	51	11	51	—	20	352	—
Kirkintilloch, including Burgh of Kirkintilloch . .	5	21	9	25	—	10	77	—
Cumberrauld . . .	4	20	7	25	—	6	78	—
Totals . . .	26	129	30	133	1	51	618	—

TABLE IX. SHOPS ACTS, 1912-50.
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	Total.
Cumbernauld, -	2	3	...	4	11	...	4	2	...	3	...	2	12	3	2	6	2	...	1	1	...	...	...	...	58
Kirkintilloch, -	...	1	...	...	1	...	...	...	...	...	...	3	2	...	...	1	1	1	...	...	...	...	...	...	10
East Kilpatrick,	3	7	3	2	5	3	4	1	4	...	5	1	13	3	2	...	6	...	2	5	5	...	1	2	77
West Kilpatrick,	3	7	2	4	9	1	4	...	1	4	1	...	29	2	...	13	4	1	1	...	...	1	3	5	95
Totals,	8	18	5	10	26	4	12	3	5	7	6	6	56	8	4	20	13	2	4	6	6	...	4	7	240

TABLE X. HOUSING - EASTERN AREA, 1914-1955 (MAY)

Parish	No. of Houses 1914-15	Est. Pop. 1914-15	No. of Houses 1955	Est. Pop. 1955	No. of houses provided by L.A. 1914-55	No. of closures 1914-55	No. of Units rehoused	No. of families rehoused other than from closures	No. of Units	Total No. of families rehoused	Total Units rehoused
West Kilpatrick Units per house 4.848	1652	8009	2561	8891 3.472	1441	585	2526	966	4110	1551 *94%	6636 82.8%
East Kilpatrick Units per house 4.753	1274	6055	4142	12945 3.1	257	157	737	125	484	282 *22.1%	1221 20%
Cumbernauld Units per house 4.531	1127	5107	1395	5809 4.15	732	524	2368	276	1126	800 *71%	3494 68.4%
Kirkintilloch Units per house 6.826	697	4758	989	3837 3.88	438	287	1220	221	844	508 *72.8%	2064 43%
Totals -	4750	23929	9087	31482	2868	1553	6851	1588	6564	3141 *66.1%	13415 56%

*percentage 1914-15 families and units rehoused

REPORT BY COUNTY ENGINEER.

24 GEORGE SQUARE,
GLASGOW, C.2.

LADIES AND GENTLEMEN,

1954 would have been a year of routine when the normal workings of the Department continued in their ordered course but for two outstanding events. The first concerned the Eastern Regional Water Scheme when agreement was reached with Stirlingshire regarding the basis of the Joint Scheme and the second brought details of the grant to be awarded by the Department of Health for works which the Council had carried out under the Rural Water Supplies and Sewerage Act, 1944.

The Joint Water Scheme has become a reality and work on the Scheme should commence in the early months of next year as the first delivery of pipes was made in December. It is worthwhile to pause and look over the last seven or eight years and consider the rough road that has been travelled before final agreement could be achieved. Negotiations have been long and protracted but now the Scheme goes on.

The rising trend in costs continued due to increase in the cost of materials and in wage rates. From a National point of view as well as local, the burden of taxation has increased over the years since the war and there must be some economic ceiling above which costs cannot be allowed to rise. The prospect cannot be considered bright, as this ceiling must, one day, be reached.

The Scottish Special Housing Association continued the site preparation works at Haldane Site, Jamestown, and the final section to complete the development will be carried out in the early part of next year.

Following on the approach to the Department of Health regarding the provision of a Crematorium at Cardross Cemetery, an Architect and a Quantity Surveyor have been appointed to

prepare plans and estimates of costs for submission to the Department for consideration.

The Council has given consideration to the Report of the Committee on the Drainage of Trade Premises in view of further legislation being enacted.

The amount of work undertaken by the Department kept it fully employed through the year. The difficulty in securing suitable applicants for Junior Appointments continued due in no small way to the interruption of professional training by the period of National Service.

A two-day visit of inspection was made by the Council in September to Old Kilpatrick Filters, Overtoun Filters, Loch Finlas Reservoir and Filters, Cardross Cemetery, Condorrat Sewage Treatment Works and the Stirlingshire and Falkirk Water Board's Reservoir at Loch Carron and Filtration Plant at Broadside.

An Intermediate Assistant and a Junior Assistant in the Town Planning Department resigned during the year on receiving appointments outwith Local Government.

Appointments of a Junior Engineering Assistant and a Junior Planning Assistant were made to fill vacancies and that of a Junior Clerkess on an increase in Establishment.

WATER SUPPLY.

GENERAL.

Rainfall during the past year showed a marked increase over those of the previous year, the recordings taken at the reservoirs on the Gareloch-Loch Lomond water-shed showing an increase of approximately 25 per cent. over the previous year, with those taken in the Clyde Area showing an increase of approximately 50 per cent.

At Loch Finlas Reservoir the rainfall was the fourth highest recorded in forty-five years and that for the month of October having a similar distinction.

The lack of water supplies to certain areas in Cumbernauld resulted in further approaches to the Department of Health and the County of Lanark, but with limited success. The only solution to the problem lies in the Regional Water Scheme and by the Autumn of next year some improvement should be shown.

An application for a supply of water to serve the new Oil Installation at Faslane was received and all new piping in this connection was laid by the company acting as an agency for the Ministry of Fuel and Power. With the development of the Gareloch Area from a National point of view as well as industrial, it may be necessary to look to the future with regard to the water requirements of the Area.

The increase in the number of gas and electric water heaters being installed in dwelling houses in tenement properties is most marked and is worthy of mention, so too is the rise in the number of metered supplies especially in the Kilmaronock Area. There is little doubt that the provision of the new water system in this area has amply justified itself.

The battle against waste of water is being vigorously continued with very gratifying results, and this policy will be maintained.

Arrochar and Tarbet Water Supply Area.

No shortage of water was experienced in the Arrochar and Tarbet Area and the supply continued to be satisfactory.

The applications for a water supply from the public mains in the Tarbet Area are increasing and it will not be long until all private supplies are discontinued.

Gareloch Water Supply Area.

No difficulties were experienced in the supply of water, the reservoirs at Auchengaich, Rhu and Whistlefield proving capable of meeting all demands.

The main laid between Whistlefield and Finnart has been completed and is proving most satisfactory in operation. The Oil Depot is now ensured of additional supplies. It will be

recalled that the Department of Health refused to grant capital consent for the Council's scheme of augmentation and the operating company being most anxious to have some increase though limited decided to lay the 6-inch diameter main which is now in use.

A main linking the Burgh of Helensburgh system with that at Rhu was laid during the year under a Civil Defence policy.

Twenty-three notices drawing the attention of owners of property to defective fittings and waste of water were served during the year. Thirty-five underground bursts on communication pipes and fourteen bursts on mains were repaired. One connection was renewed and seventeen new connections were given off.

Rainfall for the year was 69.31 inches at Whistlefield Filters, 65.00 inches at Rhu Filters, 91.77 inches at North of Auchengaich Reservoir and 89.79 inches at South of Auchengaich Reservoir.

Central Water Supply Area.

During the year 476 notices were served on property owners drawing their attention to defective fittings and waste of water. Forty-six underground bursts on communication pipes and sixteen bursts on mains were repaired, eight cleaned, fifty-seven renewed and three sealed off. Seventy new connections were given off in this period.

Cardross Area.

An ample supply of water of good quality was received by Cardross during the year. The Filters at Asker were maintained in good order and Asker Reservoir met the limited demands made upon it.

A further extension was made to the water system in the Private Housing Development at Muirend Estate.

Craigendoran Area.

The supply to this area continued to be satisfactory.

Renton Area.

Ample supplies of water were available at Carman Reservoir

to meet the demand in this area. There is little doubt that the strict policy of waste detection is proving invaluable since no augmentation has been necessary from Overtoun despite the fact that a supply is being given to the Burgh of Dumbarton from this source.

64.15 inches of rain fell at Carman during the year and the reservoir was full for ten months of the year.

Vale of Leven Area.

There was no shortage of water during the year, Loch Finlas Reservoir being full for nine months of the year.

It is interesting to record that the new Micro-straining Unit which is capable of passing two million gallons per day was completed in September and set to work in a ceremony performed by the Chairman of the Special Districts Committee on 29th September during the Committee's Triennial Inspection.

Mains to serve the 4th Development of Haldane Housing Site were laid.

It has been found possible to commence a policy for the replacement of existing mains which through age and size are proving inadequate. The first contract of this kind was carried out during the year, and it is intended to set aside sums annually for this purpose.

Rainfall recorded at Loch Finlas Reservoir during the year was 108.18 inches; the wettest month being October with 16.29 inches and the driest April with 4.87 inches.

Luss Area.

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

Approval was granted by the Department of Health to an extension of mains at Muirland, Luss, and this main was laid during the year.

Kilmaronock Area.

The area enjoyed ample supplies from Loch Finlas Reservoir. The application for an extension to the system to give a water

supply to the Ross Priory Area was successful and the main has been laid.

The consumpt in this area continues to rise and the number (now 66) of metered supplies to agricultural subjects is still rising. It has to be noted that the consumpt has risen by twenty-five per cent. during the year.

Bowling Area.

The reservoir was full for six months but, to meet industrial demands augmentation from Loch Finlas Reservoir was necessary although not to the same extent as in previous years. This was due to the high rainfall recorded during the year.

The rainfall recorded at Bowling Filters for the year was 58.24 inches, the wettest month being October with 9.53 inches and the driest April with 1.80 inches.

Old Kilpatrick Area.

The water supplied from Burnbrae Reservoir proved adequate for the area during the year.

It is gratifying to record a general improvement in the supply position throughout the area following the completion of the Improvement Scheme.

Waterside Water Supply Area.

The bulk of water received from the Burgh of Kirkintilloch proved satisfactory for all demands.

Clydebank and District Water Trust.

Duntocher, Hardgate and Mosshead Districts received satisfactory supplies of water both in quantity and quality from the Water Trust throughout the year.

Bearsden Area.

The Corporation of Glasgow continued to give a satisfactory service for that part of Bearsden for which it provides the water supply.

DRAINAGE.

GENERAL.

A recommendation from the Special Districts Committee that the Eastern and Western Special Sewerage and Sewage Disposal Districts be combined was referred back to that committee by the County Council at its December meeting.

Work continued on the Sewerage and Sewage Disposal Schemes at Condorrat and Twechar and the inclement weather of the past year has retarded the progress of the contract. It is anticipated, however, that the works at Condorrat will be completed within the next two to three months, but that a further year's work will be required before Twechar is in operation.

The scheme to provide sewerage treatment at the villages of Rosneath, Clynder and Shandon has been submitted and is under active consideration.

An application has been made to the Department of Health with a view to a grant being awarded to the Scheme. The result of this application is awaited with interest.

Severe flooding occurred in the Bearsden and Westerton Areas of the County on the night of 17th-18th October and it was found that the sewers had been used by the Fire Service to relieve the flooding to such an extent that toilet facilities could not be used. The Council has advised the Fire Service that this action has not to be repeated due to the risk of damage to sewers and treatment works by debris.

The cesspool emptier has continued to give good service in the Eastern and Western Districts, cleaning septic tanks and flushing sewers.

WESTERN SPECIAL SEWERAGE AND SEWAGE DISPOSAL DISTRICT.

Arrochar and Tarbet Area.

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

Garelochhead Area.

The sewers and detritus tanks were kept in good repair.

Rhu Area.

The sewers and septic tanks serving this area operated satisfactorily.

Craigendoran Area.

The sewers and septic tanks in this area functioned satisfactorily.

An extension to the sewers serving the Private Housing Development at Muirend was completed during the year.

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 for the year of sewage from the area pumped was 420,397,000 gallons. The increase in the inflow is due to the increase in the house building rate especially in the Haldane Area.

No sewers have been laid at the Haldane Site during the year, but sewer laying will be resumed in the new year in Development 5.

Gartocharn Area.

The sewers and pilot Imhoff system treatment works continued to give satisfactory service during the year.

Bowling Area.

The sewers and detritus tanks gave satisfactory service during the year.

Old Kilpatrick Area.

The sewers and detritus tanks in this area were kept in a satisfactory condition.

Duntocher Area.

The sewers in the area operated satisfactorily during the year. The repairs to the 24-inch and 15-inch diameter sewers

damaged by the slip in the ground due to excessive loading from indiscriminate coupling were completed.

A sewer extension was carried out for further housing at Goldenhill.

The Burgh of Clydebank completed its outfall sewer to serve the Faifley Area and the agreement whereby the County Council received the sewage from this area was terminated.

Bearsden Area.

The sewers and pumping stations gave satisfactory service during the year.

With the completion of the outfall sewer in the Switchback Road between the main sewer of Glasgow Corporation and the Garscube Pumping Station, that Pumping Station was closed down.

The contract for the sewer in the Switchback Road proved to be very difficult in excavation. The sewer, which was in tunnel and varied in depth from 40 feet to 90 feet below ground level, encountered almost all known conditions from running sand to solid rock with ironstone and coal workings, the existence of which had not been known. The cavities which resulted from the workings had not been packed at the time of abandonment and this proved an added hazard. The sewer, however, was successfully completed and is functioning satisfactorily.

The sewers for the first development at the Private Development at the Fruit Farm Area were completed as were sewer extensions at Buchanan and Rannoch Drives.

A repair had to be carried out on the line of the 12-inch diameter sewer in Drymen Road. The sewer laid some fifty years ago had been carried out in tunnel and the timbering left in had subsided.

EASTERN SPECIAL SEWERAGE AND SEWAGE DISPOSAL DISTRICT.

Condorrat Area.

The adverse weather conditions during the year delayed

progress on the construction of the new sewage treatment works. It is anticipated that the works will be completed in the early months of the new year.

The sewers and pumping station continue to function satisfactorily.

Cumbernauld Area.

The sewers and sewage works serving Cumbernauld village and the sewers and septic tanks serving the Cumbernauld South Area operated satisfactorily during the year.

Maintenance repairs were carried out at the sewage treatment works during the year.

Waterside Area.

The sewers and the sewage treatment works were maintained in good condition.

Croy Area.

The sewers in the area were kept in good order but consideration will require to be given to the modernisation of the treatment works.

Twechar Area.

As at Condorrat weather conditions delayed progress in the construction of the new sewage treatment works. It would appear that it will be some nine months before the works are completed.

The sewers in the area were maintained satisfactorily, but the existing works require careful attention.

CINEMATOGGRAPH ACT.

The premises holding licences under the above Act were inspected during the year and found, with one exception, to be

complying with the conditions of licence granted by the Council. The works required to bring the Hall Cinema, Alexandria, up to standard were completed during the year.

The licence for Woodilee Mental Hospital, which was the exception, was renewed on an undertaking being received that secondary lighting would be provided in the Recreation Hall and the passages leading thereto is requested by the Fire Service.

The premises concerned are 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.

THEATRE ACT.

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

The Hall, Westerton (two applications).
 Boys' Brigade Hall, Bearsden.
 Old Parish Church Hall, Alexandria.
 Canteen, Messrs. McGruer's Yard, Clynder (two applications).

TOWN AND COUNTRY PLANNING.

The most significant feature of the work of the Department during this year has been the submission of the County Council's second Part Development Plan, which embraces the Kirkintilloch and Waterside Area. Work has also been proceeding upon two other Part Development Plans, which together cover the whole of the major portion of the County, outwith the area to which the Vale of Leven Part Development Plan relates.

Kirkintilloch Part Area.

Upon the submission of the Development Plan for Kirkintilloch Part Area to the Secretary of State, copies of the plan and relative documents were exhibited for public inspection at Dumbarton and Glasgow until the closing date for the lodgement of objections, 28th April. Objections to the provisions of the plan were lodged by twelve parties, with whom the officials had meetings and discussions. No objections have yet been withdrawn.

Kilpatrick's Part Area.

Following the completion of the Draft Development Plan for the Kilpatrick's Part Area the Standing Sub-Committee held consultations with Milngavie Town Council, the District Councils, the adjoining planning authorities and all other interested bodies, in accordance with statutory procedure.

Western Part Area.

The preparation of a Part Development Plan for the Western Area of the County was authorised by the Secretary of State in December. The completion of the secondary surveys for the area is in hand.

County of Stirling.

Consultations with Stirling County Council were carried out by the Standing Sub-Committee in connection with the procedure for the approval of the adjacent planning authority's development plan. No objections were raised to the provisions of the plan in so far as they affected the land adjoining the County Boundary.

NEW LEGISLATION.

The introduction of the Town and Country Planning (Scotland) Act, 1954, in November, represented the second stage in the implementation of the provisions of the White

HOUSING DEVELOPMENT.

LOCAL AUTHORITY.

<i>Planning Area.</i>	<i>Granted.</i>		<i>Postponed or Withdrawn.</i>		<i>Refused.</i>		<i>Total.</i>	
	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>
(a) Landward—								
Clydeside, Gareloch and Loch Long	5	116	—	—	—	—	5	116
Vale of Leven ...	2	128	—	—	—	—	2	128
Loch Lomond ...	2	12	—	—	—	—	2	12
Kilpatricks ...	6	69	—	—	—	—	6	89
(b) Burgh—								
Milngavie (1) & (2)	1	114	—	—	—	—	1	114
Helensburgh ...	2	14	—	—	—	—	2	14
Kirkintilloch ...	3	146	—	—	—	—	3	146
TOTALS ...	21	619	—	—	—	—	21	619

A.—Applications. *H.*—Houses.

PRIVATE ENTERPRISE.

<i>Planning Area.</i>	<i>Granted.</i>		<i>Postponed or Withdrawn.</i>		<i>Refused.</i>		<i>Total.</i>	
	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>
(a) Landward—								
Clydeside, Gareloch and Loch Long	6	7	3	10	1	1	10	18
Vale of Leven ...	6	123	—	—	1	1	7	124
Loch Lomond ...	5	16	—	—	—	—	5	16
Kilpatricks ...	43	877	3	3	3	16	49	896
Kirkintilloch and Cumbernauld ...	2	2	—	—	—	—	2	2
(b) Burgh—								
Milngavie (1) & (2)	9	64	4	114	2	2	15	180
Helensburgh ...	11	14	1	2	—	—	12	16
Kirkintilloch and Cumbernauld ...	18	38	—	—	—	—	18	38
Cove and Kil- creggan ...	2	2	—	—	—	—	2	2
TOTALS	102	1143	11	129	7	20	120	1292
Grand Housing Totals	123	1762	11	129	7	20	141	1911

A.—Applications. *H.*—Houses.

CONVERSIONS.

<i>Planning Area.</i>	<i>Granted.</i>		<i>Postponed or Withdrawn.</i>		<i>Refused.</i>		<i>Total.</i>	
	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>
(a) Landward—								
Clydeside, Gareloch and Loch Long	1	3	—	—	—	—	1	3
Kilpatricks ...	2	4	—	—	—	—	2	4
(b) Burgh—								
Helensburgh ...	2	4	—	—	—	—	2	4
Cove and Kilcreggan ...	1	2	—	—	—	—	1	2
TOTALS ...	6	13	—	—	—	—	6	13

A.—Applications. *H.*—Houses.

INDUSTRIAL APPLICATIONS.

<i>Planning Area.</i>	<i>Granted.</i>		<i>Postponed or Withdrawn.</i>		<i>Refused.</i>		<i>Total.</i>	
	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>
(a) Landward—								
Clydeside, Gareloch and Loch Long ...	...	...	2	—	1	—	3	—
Vale of Leven ...	...	...	13	—	1	—	14	—
Loch Lomond ...	...	...	1	—	1	—	2	—
Kilpatricks ...	...	...	10	3	1	—	14	—
Kirkintilloch and Cumbernauld ...	...	...	8	1	—	—	9	—
(b) Burgh—								
Milngavie (1) and (2) ...	...	...	2	—	—	—	2	—
Helensburgh ...	...	...	1	1	1	—	3	—
Kirkintilloch ...	...	...	5	—	—	—	5	—
TOTALS ...	...	...	42	5	5	—	52	—

COMMERCIAL APPLICATIONS.

<i>Planning Area.</i>	<i>Granted.</i>		<i>Postponed or Withdrawn.</i>		<i>Refused.</i>		<i>Total.</i>	
	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>	<i>A.</i>	<i>H.</i>
(a) Landward—								
Clydeside, Gareloch and Loch Long ...	...	...	1	—	—	—	1	—
Vale of Leven ...	...	...	27	3	2	—	32	—
Loch Lomond ...	...	...	8	—	2	—	10	—
Kilpatricks ...	...	...	23	—	2	—	25	—
Kirkintilloch and Cumbernauld ...	...	...	4	2	3	—	9	—
(b) Burgh—								
Milngavie (1) and (2) ...	...	...	4	1	1	—	6	—
Helensburgh ...	...	...	7	1	—	—	8	—
Kirkintilloch ...	...	...	8	—	2	—	10	—
TOTALS ...	...	...	82	7	12	—	101	—

Housing Sites Selection.

The procedure prescribed by D.H.S. Circular No. 46/1950 was carried out in respect of the clearance of areas proposed to be developed for housing purposes by the County Council and the small Burghs within the County. The areas for which clearances were obtained from all relevant authorities and for which planning approval was granted were as follows:—

<i>Site.</i>	<i>Acreage.</i>
Croftamie	1.218
Cuilmuir View, Croy	0.07
New Street, Duntocher	1.07
West Princes Street, Helensburgh	0.33
Grant Street, Helensburgh	0.33
Victoria Nursery, Helensburgh	1.525
High Gallowhill, Kirkintilloch	8.1
Clober, Milngavie	24.0
Mugdock Road, Milngavie	26.5
Dalnottar Hill Road, Old Kilpatrick	2.32
Parish Church, Old Kilpatrick	2.11

Following the receipt of adverse reports from the National Coal Board and the Clyde Agricultural Executive Committee in respect of a site of 1.44 acres at Condorrat, the proposal was referred to the Department of Health.

Clearances are being sought on behalf of Kirkintilloch Town Council for a site of 31.05 acres at Boghead, Kirkintilloch, which it is proposed to develop for housing purposes.

TREE PRESERVATION.

Two applications for permission to fell trees at Strathleven Estate and Barremman Estate, Clynder, were referred to the County Council by the Forestry Commission, in accordance with the procedure laid down in the Forestry Act, 1951. The Council approved the issue of felling licences for these operations, subject, in respect of the Clynder site, to replanting conditions.

APPEALS.

Four appeals were dealt with during the year, as follows:—

(1) *Milngavie.*

The Secretary of State sustained an appeal against the County Council's decision to refuse permission for the

establishment of a caravan repair and storage depot at Milngavie.

(2) *Luggiebank.*

Following the lodgment of an appeal relating to the erection of sign board at Luggiebank the Council reversed their previous decision and approved the proposal.

(3) *Dullatur.*

As indicated in last year's report, a proposal to carry out quarrying operations at Dullatur was adjusted to the satisfaction of the County Council and the relative appeal was withdrawn.

(4) *Milngavie.*

An appeal against the County Council's refusal of permission for the erection of a house at Milngavie was withdrawn following the Council's subsequent decision to approve the proposal.

The decision of the Secretary of State is awaited in respect of an appeal relating to the erection of a church and school at Balloch.

Appeals concerning the following developments are pending :

1. A garage and petrol filling station at Canniesburn Toll, Bearsden.
2. Sixteen houses at Dumgoyne Drive, Bearsden.
3. A sales kiosk at Main Street, Alexandria.
4. A lock-up garage at Northfield Road, Bonhill.

CONTRAVENTIONS.

Thirty-seven alleged contraventions were investigated in the course of the year.

Action taken by the Council resulted in the removal of a bus body at Garelochhead, a shed at Craigendoran, a living-hut at Kipperoch, Renton, a sign at Cumbernauld Station, an accumulation of scrap at Rhu, two caravans at Stuckenduff and an accumulation of scrap at Old Kilpatrick. Tipping on a site at Duntocher and one at Garelochhead was discontinued on the intervention of the Council.

Applications in respect of eleven other unauthorised developments were submitted and were dealt with as follows:—

<i>Development.</i>	<i>Location.</i>	<i>Decision.</i>
Garage (Amendment) ...	Bearsden.	Approved.
Hut	Arrochar.	Approved, 5 years.
Garage	Helensburgh.	Refused.
Sheds	Strathleven.	Approved.
Garages	Renton.	Refused.
Extension of Sand Quarry	Dalmoak.	Approved.
Signboard	Cumbernauld Stn.	Approved, 3 years.
Holiday Hut	Gartocharn.	Refused.
Garage	Tarbet.	Approved, 10 years.
Caravan	Stuckenduff.	Approved, 6 months.
House (Amendment) ...	Faifley.	Approved.

During the year four Enforcement Notices were served to secure the removal of two caravans at Stuckenduff, huts and an accumulation of scrap materials at Old Kilpatrick and garages at Renton, the first three being effective.

The Enforcement Notice, outstanding from last year, concerning a fence and soil deposits at Old Kilpatrick, was effective.

SELECTION OF SITES FOR HUTS AND CARAVANS.

No progress has been made during the year regarding the establishment of hut and caravan sites within the County. The Council were advised that a proposal to develop a caravan site at Inveruglas was being postponed.

ELECTRICITY SUPPLY.

The North of Scotland Hydro-Electric Board were granted approval for the erection of an 11kv overhead line at Tarbet and low tension overhead lines at Arden, Croftamie and Gartocharn.

Within the area of the County administered by the South East Scotland Electricity Board approval was granted for the erection of 11kv overhead lines at Croy, Eastfield and Cumbernauld, an 11kv underground line at Eastfield and low tension overhead lines at Croy, Cumbernauld and Cumbernauld Station.

Approval was granted in respect of a proposal by the National Coal Board to reconstruct an 11kv overhead line between Grayshill and Twechar Collieries.

The erection of 11kv overhead lines at Mollinsburn and St. Flannans, by the South-West Scotland Electricity Board, was approved, in addition to low tension overhead lines at Portincaple, Rhu, Cardross, Kipperoch, Alexandria, Old Kilpatrick, Duntocher, Carbeth, St. Flannans and Condorrat.

It was necessary to refer to the Secretary of State an amended proposal by the British Electricity Authority, concerning the proposed 132 kv overhead pylon line from Windyhill to Killermont, as the Electricity Authority was unable, on the grounds of cost, to agree to rerouting suggestions put forward by the Coal Board.

POST OFFICE TELEGRAPHS.

Approval was granted to the erection of posts, stays and overhead lines in the Parishes of Rhu, Cardross, Bonhill, West Kilpatrick, East Kilpatrick, Kirkintilloch and Cumbernauld.

Applications were also approved for the erection of telephone repeater stations at Loch Longside, Lyleston, Bowling and Bearsden, for the extension of telephone repeater stations at Garelochhead and Rhu, and for the erection of a pillar box at Kirkintilloch.

The Council agreed to designate, as subject to compulsory acquisition by the Postmaster General, a site at Duntocher for the erection of a telephone exchange.

The erection of remunerative telephone kiosks at Faslane, Balloch, Alexandria, Old Kilpatrick, Duntocher and Bearsden was approved.

The assistance of the local Member of Parliament has been sought in connection with the Council's efforts to secure the provision of a telephone kiosk at Inchmarrin, under the Rural Allocation Scheme. The Post Office Telephones Department has indicated that, in view of high installation costs, its provision would not be possible in the foreseeable future. The

Post Office were asked to provide, under the 1954-55 programme, a kiosk at Gully Bridge instead of at Aldochlay.

REMOVAL OF TEMPORARY DEFENCE WORKS.

In accordance with the Government's intention, announced last year, to derequisition sites on private land occupied by temporary defence works, intimation was received of the derequisitioning of sites at Stuckenduff, Faslane, Laigh Balernock and the foreshore at Shandon. The terminal compensation awarded to the owner of the land at Laigh Balernock, Shandon, was insufficient to meet the cost of restoring the land to an arable state. The Council requested the owner to carry out restoration and advised him to approach the Department of Health for financial assistance.

BURGH EXTENSIONS.

Consideration is being given by the County Council to proposals which were submitted by the Town Councils of Milngavie and Kirkintilloch, relating to extensions of the boundaries of the Burghs.

COAL WORKINGS.

Intimation was received in March of the intention of the National Coal Board to extract coal underlying an extensive area situated between Milngavie and Bearsden. Boring operations are being carried out to determine the depth and thickness of the seams, and until this work is completed it will not be clear whether or not the deposits can be economically worked.

All applications for development within the boundaries of the area notified by the Coal Board were referred to the Board, in accordance with Article 9 (1) (d) of the Town and Country Planning (General Development) (Scotland) Order, 1950, but only those proposals relating to areas which are already built-up were granted clearance by the Board.

INGLIS REPORT.

In September it was announced that the British Transport Commission proposed to put in hand the electrification of certain railway lines in the Clyde Valley Region, as a first stage in the implementation of the recommendations of the Glasgow and District Transport Committee. In so far as it affects the County, the scheme visualises the electrification of the railway lines to Milngavie, Balloch and Helensburgh.

CLYDE VALLEY PLANNING
ADVISORY COMMITTEE.

The attention of the Clyde Valley Planning Advisory Committee has again been principally directed throughout the year towards securing the early establishment of a new town at Cumbernauld, as a first step towards meeting the overspill needs of the Region in general and of Glasgow in particular. The Secretary of State has agreed that Cumbernauld is the most suitable site for the development of a new town, but he is not prepared, at this stage, to reach a decision as to whether the project should proceed under the New Towns Act, 1946, as recommended by the Committee.

The establishment of a second new town, to be sited in Renfrewshire, is also being urged by the Committee.

Consideration has been given to the expansion of existing towns in the Region, to provide accommodation for overspill of population within the Region, and, in this connection the County Council has tentatively indicated that provision might be made for a proportion of the overspill at Kirkintilloch and Milngavie.

I am,

Ladies and Gentlemen,

Your obedient servant,

MALCOLM ROSS,
County Engineer and Planning Officer.

