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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 1951

SCHOOL REPORT FOR YEAR 1951-52



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GLASGOW :

WILLIAM HODGE & CO., LTD., 34-36 NORTH FREDERICK STREET
1953.

County of Dunbarton : Public Health Department.

LIST OF STAFF as at 31st DECEMBER, 1951.

County Medical Officer.

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

Depute County Medical Officer.

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

School Medical Officers—Dr. E. CUSH, Dr. I. MACLEOD and Dr. E. M. SEWELL, all of whom are also designated as Assistant Medical Officers of Health.

Chief Dental Officer.

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

County Sanitary Inspectors.

(Eastern Area).

JOHN D. M'KENDRICK.

(Western Area).

WILLIAM T. SAMSON.

Depute County Sanitary Inspectors.

WILLIAM ARTHUR.

NEIL MACDONALD.

Assistant Sanitary Inspectors.

JOSEPH DUNN.

JOSEPH C. MORTON.

JAMES D. WATSON.

JAMES RODGETT.

THOMAS MUNN.

ROBERT FORRESTER.

ROBERT MATHIE.

THOMAS MACDONALD.

ROBERT YOUNG.

Milk Officers.

FLORA D. CALDER.

AILSAPATTERSON.

Housing Supervisors.

MARGARET BLACK.

Mrs. A. STUART

County Engineer and Planning Officer.

MALCOLM ROSS

Depute County Engineer.

ALEXANDER DUFF.

Depute Planning Officers.

J. NICOLSON (retired 15/5/51).

W. A. STORRIE (com. 9/7/51).

Assistant Civil Engineers.

JAMES C. MACKENZIE.

WM. L. MERRILEES.

HUGH S. MACDONALD.

WM. B. MACPHEDRAN.

R. G. MACWILLIAM (resigned 8/7/51).

G. MACFARLANE (resigned 2/9/51).

WM. TAYLOR.

J. WARWICK.

ALBERT M'ADAM (transferred to

County Surveyor 16/1/51).

JOHN M. HYDE (transferred from

County Surveyor 16/1/51).

ROBERT MEIKLEJOHN (com. 5/2/51

General Army Service 17/5/51).

JOHN CUTHBERTSON (com. 1/11/51).

W. N. FARRELL (com 2/7/51).

Planning Assistants.

DOUGLAS M'KECHNIE.

PAUL H. STEVENS.

EDWARD HADLEY.

THOMAS GLEN.

D. SMITH.

W. L. FLOCKHART

WM. MITCHELL

GORDON R. SCOTT (resigned 23/11/51)⁸

WM. CHALMERS THOMSON¹⁰
(com. 17/12/51).

Inspectors of Works.

C. FRIZE.

J. GRAHAM.

A. SCOTT.

T. M'D. JARDINE.

Clerical Staff.

ELIZABETH F. M'KECHNIE.

ELIZABETH W. JENKINS.

DOROTHY HAIG (resigned 15/2/51).

MAY F. HENDERSON

ELSIE J. HOOD (com. 22/1/51).

HELEN HAIRE (com. 11/6/51).

Administrative Assistant.

JOSEPH BAIRD

LIST OF STAFF—Continued.

Superintendent of Nurses.
CHRISTINA J. MAITLAND.

Health Visitors.

(Eastern Area.)	(Western Area.)
C. S. L. KING.	E. M. RANKIN.
CATHERINE T. GAVIN.	M. CALLANDER.
KATHERINE S. STEVENSON.	E. A. SANDILANDS.
C. M. JEFFREY.	J. P. M'HAFFIE.
C. DEMPSEY.	M. THOMSON.
A. GEE.	J. CAMERON.
M. MILLER.	MARY M. MARTIN.*
M. L. CALLAGHAN	FLORA MACNICOL.*
M. W. CHRISTIE (appointed Sept. 1951).	BELL JOHNSTONE.*
	I. BROWN.*
	JANET S. CLARK.*
	C. MACLEAN.*
	A. M. LEITCH.*
	M. G. MACDONALD.*

* Home Nurses:—Part-time Health Visiting only.

Midwives.

JANE R. RITCHIE.	JOAN WATERHOUSE.
MARY SMITH.	MARGARET MACDONALD.

Home Nurses.

(Eastern Area.)	(Western Area.)
<i>Milngavie</i> —MARION MACDONALD.	<i>Alexandria</i> —MARION McCUTCHEON
<i>Cumbernauld</i> —MARY PEATTIE.	do. —ELIZABETH SMITH.
<i>Kirkintilloch</i> —JESSIE MACRAE.	<i>Renton</i> —AGNES G. KEAN.
<i>Bearsden</i> —DONALDINA STENHOUSE.	<i>Garelochhead</i> —BELL JOHNSTONE.
do. —MARIA MORRISON	<i>Rosneath</i> —I. BROWN.
<i>Bowling & Old Kilpatrick</i> —JESSIE MACRAE.	<i>Cove & Kilcreggan</i> —MARGARET G. MACDONALD.
<i>Tweschar</i> —MARGARET BARROWMAN	<i>Rhu</i> —MARY M. MARTIN.
<i>Duntocher</i> —JEAN J. CRAWFORD.	<i>Luss</i> —C. MACLEAN.
<i>Arrochar & Tarbet</i> —JANET S. CLARK.	<i>Helensburgh</i> —ANNIE M. MACDONALD.
	<i>Cardross</i> —FLORA MACNICOL.
	<i>Gartocharn</i> —ANNIE M. LEITCH.

Clerical Staff.

LOUIS M'GOUGAN, D.P.A. (Chief Clerk in Central Office.)
JOSEPH BAIRD (Chief Clerk in Glasgow Office.)
CHRISTINE M'GREGOR (Chief Clerk in Alexandria Office.)

<i>Staff in Central Office.</i>	<i>Staff in Alexandria Office.</i>	<i>Staff in Glasgow Office.</i>
ELIZABETH C. LANG.	EUNICE C. GORDON.	HAZEL E. GILCHRIST.
MARY M. BUCHANAN.	LILY ANN SMITH.	EILEEN F. P. WILSON.
JAMES GALLACHER.		JOSEPH P. DAVIS
ROBT. LIVINGSTONE.		(Telephone Operator)
ELIZ. A. M'LEAN.		MARI GRAHAM.
ELIZ. PATERSON.		(com. 29/10/51).
JANET McMANUS.		
MARGT. MELDRUM.		
ISOBEL ANDERSON.		
ELIZ. M'FARLANE.		
PATRICIA GRUMLEY.		
MARGOT McKEAN. —		
Home Help Organiser.		
AGNES KINLOCH. —		
Ass. Home Help Org'ser.		

County Analysts.

R. TATLOCK & THOMSON 156 Bath Street, Glasgow.

CONTENTS.

	PAGE
County Medical Officer's Report, 1950 - - -	9
County Medical Officer's Report (Schools), 1951/52 -	65
Sanitary Inspector's Report—Western Area, 1951 - -	93
Sanitary Inspector's Report—Eastern Area, 1951 - -	111
County Engineer's Report—County Area, 1951 - - -	138

SUBJECT	PAGES	SUBJECT	PAGES
BIRTHS AND BIRTH RATES	9 & 10	PREVENTION OF ILLNESS—	
DEATHS AND DEATH RATES	9 & 10	CARE & AFTER CARE—	
INFANTILE MORTALITY -	10	Tuberculosis — Report	
POPULATION - - -	9	by Area Supervising	
		Tuberculosis	
NATIONAL HEALTH ACT		Physician	30
—LOCAL AUTHORITY		Supply of Equipment	35
FUNCTIONS—		Other Services - -	35
		Statistics - - -	30 to 36
CARE OF MOTHERS AND		Convalescent Homes -	35
YOUNG CHILDREN -	12		
Care of Unmarried		MENTAL HEALTH	
Mothers - - -	17	SERVICES—	
Clinics - - -	13	Removals - - -	37
Day Nurseries - -	16		
Dental Care - -	13		
Domestic Helps - -	17	NATIONAL ASSISTANCE ACT,	
Layettes, &c. - -	15	1948— - - -	49
Maternity Hospitals -	19	Residential Accommo-	
Premature Infants -	18	dation - - -	49
Ultra - Violet Light		Medical Services - -	49
Treatment - -	15	Homes Inspection -	50
Welfare Foods — Pro-		Removals—Sec. 47 -	50
vision of - - -	18	Care of Property—Sec.	
Statistics - - -	38	48 - - -	50
		Burials—Sec. 50 - -	50
MIDWIFERY—		Care of the Blind -	51
Staff - - -	22	Other Handicapped	
Gas and Air Analgesia	22	Persons - - -	51
Home Confinements -	22		
Supervisor's Report -	22	OTHER HEALTH SERVICES—	
Statistics - - -	40	Factories Acts, 1937-	
		1948 - - -	59
HEALTH VISITING—		Food Supply - -	48
Staff - - -	23	Health Education -	53
General Review - -	24	Housing — Building	
Statistics - - -	42	Progress - - -	54
		Housing — Representa-	
HOME NURSING—		tions—1950 Act -	55
Associations - - -	24	Ice Cream (Scotland)	
Staff - - -	25	Regs., 1948 - - -	48
Statistics - - -	42	Infectious Disease, con-	
		trol of - - -	36
VACCINATION & IMMUNISA-		Meteorology - - -	53
TION—		Milk Supplies—	
Vaccination - - -	28	Administration of Acts	48
Immunisation - -	28	Nurseries and Child	
		Minders Regulations	
		Act, 1948 - - -	48
DOMESTIC HELP—		Nutrition - - -	49
Staff - - -	29	Port Health Adminis-	
Supervisor's Report -	29	tration - - -	48
Statistics - - -	42	Rivers Pollution - -	53
		Water Supply - - -	53

*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 1951,
together with the Report on the Medical Inspection and
Treatment of School Children for the year 1951-52.

I am, Ladies and Gentlemen,

Your obedient servant,

SAMUEL HARVEY,
Medical Officer of Health.

COUNTY HEALTH DEPARTMENT,
88 COLLEGE STREET,
DUMBARTON.

MEDICAL OFFICER'S REPORT

FOR YEAR 1952.

VITAL STATISTICS.

Population.—The Registrar-General estimated that the population at the middle of 1951 was 95,581, an increase of 223 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>
1946 - - -	89,941	1949 - - -	95,311
1947 - - -	93,840	1950 - - -	95,358
1948 - - -	94,918		

Births and Birth Rates.—The total number of live births registered in the County during 1951 was 1217; 179 more than in 1950. 396 births were transferred OUT and 942 were transferred IN, so that the net County Total was therefore 1763 (919 males—844 females), an increase of 78 over the 1950 total. The number of still-births registered in the County was 34, but, after allowing for 16 transferred OUT and 26 transferred IN, the net County Total was 44 (25 males, 19 females), a decrease of 13 compared with 1950 figures. Of the 1763 live births, 63 were illegitimate. The corrected live-birth rate was 18.4 per 1000 of the population, compared with 17.6 in 1950. The still-birth rate was 24 per 1000 births (including still-births), compared with 33 in 1950.

Deaths and Death Rates.—The number of deaths registered in the County was 1083, compared with 1045 in 1950. 230 registrations were transferred OUT and 350 were transferred

IN, so that the net County Total was 1203 (619 males and 584 females), giving a death rate per 1000 of the population as 12.6, compared with 12.2 in 1950. 101 persons (37 males and 64 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 69 (46 males and 23 females), an increase of 1 over the 1950 figure. This gave an Infantile Mortality Rate of 39 per 1000 live births, against 41 per 1000 live births in 1950. Causes of death are shown in Table II on page 12.

Deaths from Infectious Diseases.—Deaths from principal epidemic diseases during 1951 were recorded as follows: Diphtheria, 1; whooping cough, 4; influenza, 16—a total of 21, which gave a death rate of .22 per 1000 of the population.

Deaths from Tuberculosis.—During 1951, 41 deaths occurred from tuberculosis (22 males, 19 females), an increase of 4 over 1950 figures. Of the 41 deaths recorded, 34 were due to respiratory tuberculosis, giving a death-rate of 0.36 per 1000 of population, compared with 0.37 in 1950. Deaths from other forms of tuberculosis numbered 7 (3 males, 4 females), against 2 in 1950, and comparative death-rates were 0.07 in 1951, against 0.02 in 1950. The death-rate for all forms of tuberculosis was 0.43 per 1000 of population in 1951, compared with 0.39 in 1950.

Deaths from Influenza.—16 deaths (8 males and 8 females) were registered from this cause, an increase of 7 over 1950 figures.

Deaths from Pneumonia.—41 deaths from pneumonia were recorded in 1951, which included 7 in the new-born. Comparative figures for 1950 were 31 (4 in the new-born).

Deaths from Cancer.—Cancer caused 170 deaths (91 males and 79 females) in 1951. Comparative figures for 1950 were 181 (95 males and 86 females), representing a decrease of 11 in 1951.

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), ...	1217	396	942	1763	919	844	18·4
Births (Illegitimate), ...	43	21	41	63	29	34	23·6
Births (still births), ...	34	16	26	44	25	19	32·4
Marriages, ...	595	—	—	—	—	—	6·2
Deaths—							
All Causes, ...	1083	230	354	1203	619	584	* 12·6
Tuberculosis, ...	—	—	—	41	22	19	0·43
Tuberculosis (Respiratory System), ...	—	—	—	34	19	15	0·36
Principal Epidemic Diseases, ¹	—	—	—	21	12	9	0·22
Children aged under One Year,	—	—	—	69	46	23	4·39

¹ Typhoid Fever, Paratyphoid Fevers, Cerebro-Spinal Fever, 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 = 12·5.

NATIONAL HEALTH SERVICE (SCOTLAND) ACT, 1947.

SECTION 22.

CARE OF MOTHERS AND YOUNG CHILDREN.

Births Notified.—1763 births were recorded in the County during 1951, of which 777 or approximately 44 per cent. took place at home. The increase of 78 births in 1951 over the 1950 figure is the first increase since 1947.

COUNTY OF DUNBARTON.

TABLE II.—MATERNITY SERVICE AND CHILD WELFARE, 1951.

CAUSES OF DEATH—CHILDREN UNDER ONE YEAR.

CAUSE OF DEATH.	Under 1 Week.	1 Week, and under 4 Weeks.	Total under 4 Weeks.	4 Weeks, and under 3 Months.	3 Months, and under 6 Months.	6 Months, and under 12 Months.	Total Deaths under 1 Year.	Rate per 1000 Live Births.
Prematurity, - -	18	...	18	1	2	...	21	12·00
Pneumonia (all forms), -	5	3	8	3	1	2	14	8·00
Diarrhoea and Enteritis,	2	...	2	1	2	...	5	2·73
Atelectasis, - - -	3	...	3	...	...	...	3	1·65
Spina Bifida, - - -	...	1	1	...	...	...	1	·55
Asphyxia, - - -	1	...	1	...	1	...	2	1·15
Natural Causes, - -	2	...	2	...	...	...	2	1·15
Congenital Heart, - -	1	...	1	...	...	...	1	·55
Whooping-cough, - -	1	...	1	...	2	1	4	2·22
Convulsions, - - -	...	...	...	1	...	1	2	1·15
Cerebral Haemorrhage,	1	1	2	...	1	...	3	1·65
Injury at Birth, - -	1	...	1	...	...	1	2	1·15
Bronchitis (acute), - -	...	...	...	1	...	...	1	·55
Congenital Debility, - -	3	...	3	...	1	...	4	2·25
Status Lymphaticus, - -	...	...	...	...	1	...	1	·55
Osteomyelitis, - - -	...	...	...	...	...	1	1	·55
All other causes, - -	1	...	1	...	1	...	2	1·15
Total, - - -	39	5	44	7	12	6	69	39·00

TABLE III.

COUNTY OF DUNBARTON (EXCLUDING LARGE BURGHS)—STATEMENT OF CAUSES OF DEATH (CORRECTED FOR TRANSFERS) FOR 1951. 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.	5	3	1	—	—	—	—	—	—	—	—	1	—
..... F.	1	1	—	—	—	—	—	—	—	—	—	—	—
Cancer—Malignant Tumours M.	91	—	—	—	—	—	2	3	14	18	35	18	1
..... F.	79	—	—	—	—	3	1	6	10	14	29	13	3
Tumours—Non-Malignant or Not Defined M.	1	—	—	—	—	—	—	—	—	—	—	1	—
..... F.	1	—	—	—	—	—	—	—	1	—	—	—	—
Venereal Diseases M.	2	—	—	—	—	—	—	—	—	2	—	—	—
..... F.	—	—	—	—	—	—	—	—	—	—	—	—	—
Anaemias M.	4	—	—	—	—	—	—	—	1	—	2	1	—
..... F.	4	—	—	—	—	—	—	—	—	—	2	1	1
Diabetes Mellitus M.	2	—	—	—	—	—	—	—	—	—	2	—	—
..... F.	4	—	—	—	—	—	—	—	1	—	3	—	—
Tuberculosis—Respiratory M.	19	—	—	—	—	—	3	6	1	6	—	—	—
..... F.	15	—	—	—	—	1	5	5	2	2	—	—	—
Tuberculosis—Non-Respiratory M.	3	—	1	—	—	—	1	—	—	—	1	—	—
..... F.	4	1	2	—	—	—	—	1	—	—	—	—	—
General Diseases M.	6	1	—	—	—	—	1	—	1	2	1	—	—
..... F.	7	—	—	—	—	—	—	1	2	1	1	1	1
Diseases of Nervous System—Vascular M.	81	—	—	—	—	—	—	1	2	11	26	32	9
..... F.	99	—	—	—	—	—	—	2	6	10	37	36	8
Diseases of Nervous System—Non-Vascular M.	8	1	1	—	—	1	1	—	1	2	1	—	—
..... F.	12	—	—	—	—	—	—	3	3	—	4	1	1
Diseases of Circulatory System M.	231	—	—	1	—	—	4	9	22	55	64	58	18
..... F.	233	—	—	—	—	1	1	—	9	30	76	83	33
Diseases of Digestive System M.	17	4	—	—	—	1	—	1	4	2	2	3	—
..... F.	20	2	—	—	—	1	1	1	2	2	6	4	1
Diseases of Genito-Urinary System M.	16	—	—	1	—	—	2	—	—	1	4	7	1
..... F.	8	—	—	—	—	—	2	—	3	1	—	2	—
Puerperal Causes M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	3	—	—	—	—	1	2	—	—	—	—	—	—
Diseases of Skin and Organs of Movement M.	—	—	—	—	—	—	—	—	—	—	—	—	—
..... F.	7	1	—	—	—	—	—	—	2	—	1	2	1
Congenital Debility, Premature Birth, Mal- M.	9	8	—	—	—	—	—	1	—	—	—	—	—
formations, etc. F.	7	6	—	1	—	—	—	—	—	—	—	—	—
Old Age M.	8	—	—	—	—	—	—	—	—	—	—	5	3
..... F.	11	—	—	—	—	—	—	—	—	—	1	4	6
Violent Causes M.	27	1	1	1	3	1	3	2	5	2	3	4	1
..... F.	13	—	—	1	—	—	—	2	1	3	1	4	1
Causes Ill-defined or Unknown M.	10	3	—	—	—	—	—	—	1	1	1	4	—
..... F.	10	1	—	—	—	—	—	—	—	1	3	2	3
Pneumonia, Diarrhoea and other Diseases M.	19	19	—	—	—	—	—	—	—	—	—	—	—
peculiar to early Infancy including New Born) F.	11	11	—	—	—	—	—	—	—	—	—	—	—
Diseases of Respiratory System M.	60	6	2	—	—	—	1	3	7	4	18	15	4
..... F.	35	1	1	1	—	—	—	—	1	4	7	15	5
TOTALS M.	619	46	6	3	3	3	18	26	59	106	163	149	37
..... F.	584	24	3	3	—	7	12	21	43	68	171	168	64

TABLE III.

COUNTY OF DEKALB, GEORGIA, 1900-1901. DEATHS FROM ALL CAUSES.

CAUSE OF DEATH	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898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Child Welfare Clinics.—11 weekly clinic sessions were held at which doctors were in attendance. A further 8 weekly sessions were held, which the nurses themselves conducted, an increase of 2 sessions weekly over the 1950 figures. The two additional clinics were held at Westerton-Bearsden and Hillhead-Kirkintilloch, both clinics being instances of making provision for population drift away from the main area clinics due to rehousing.

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. 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 1951 as follows:—

<i>Place.</i>	<i>Day.</i>	<i>Time.</i>
Hartfield Clinic, Dumbarton -	Tuesday	- 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 TREATMENT.

ANNUAL REPORT, 1951.

There has been an increase in the number of pre-school children and mothers treated during the year.

The Dental Service has not yet felt the full effect of the Government regulation which came into force in May, whereby

a charge was put on dentures supplied by private practitioners but which continued to place on Local Authorities the duty of supplying dentures free-of-charge to expectant and nursing mothers. It is fully expected that in the coming year the number of mothers seeking Local Authority treatment will be very considerably increased, particularly if the service provided is of a high standard. This additional burden placed on a depleted dental staff is only made tolerable by the fact that there is every indication that in 1952 recruitment to the School Dental Service will again become possible, and that by the end of that year most School Dental Services will be back to pre-National Health Act establishment. Even granted all these conditions, the arrears of treatment amongst pre-school and school children is of some magnitude.

In the near future consideration will have to be given to the question of the employment of a dental technician for the provision of artificial dentures and orthodontic appliances. This work to date has been carried out by an "outside technician." However, we are fast approaching a stage where the volume of dental work and appliances involved could be carried out more economically in our own laboratory. The dental laboratory within the clinic at Old Kilpatrick, which is in the process of construction, will be a valuable asset to this work.

The dental condition of pre-school children not brought for treatment can only be judged by the dental condition revealed later amongst the five-year-old children on admission to school.

The preservation of the baby teeth to their normal shedding time is essential if many ill effects to the permanent teeth, both with regard to their correct positioning in the jaws and their period of usefulness, are to be avoided. How best to obtain this preservation of the baby teeth is a matter which is a common topic to-day. In the coming year it is hoped that, with an increased dental personnel, many of these teeth will be conserved by means of fillings, but, unfortunately, there are many infants of two or three years of age with temporary teeth completely unsavable, being broken down and septic.

I have before me a report from the Medical Officer of Brantford, Ontario, Canada, where a controlled experiment has been carried out with fluorine having been added to the community drinking water during the past six years. The result is that there is a 55 per cent. reduction in the amount of dental caries in the five-year-old children on admission to school.

F. A. CASSIDY.

U.V.L. Treatment.—Particulars of Child Welfare Cases treated during 1951 in the various clinics are as undernoted:—

Number treated	-	-	-	-	-	-	-	69
Total attendances	-	-	-	-	-	-	-	1334
Average number of treatments	-	-	-	-	-	-	-	19

<i>Causes of Reference.</i>	<i>Number of Patients.</i>	<i>Improved.</i>	<i>Unchanged.</i>
Bronchitis, etc.	53	51	2
Debility	14	11	3
Glands	—	—	—
Others	2	2	—

Provision of Layettes and Accouchement Sets. (a) *Layettes.*—117 layettes were provided during 1951 and charges made for these in accordance with the County Council scales of recovery. 14 were supplied free-of-charge, the applicants in all cases being unmarried mothers. Graded charges on the remaining 103 applicants were imposed as follows:—

<i>Number Supplied.</i>	<i>Individual Amount Paid.</i>	<i>Total Amount Paid.</i>
39	£0 10 0	£19 10 0
9	0 12 0	5 8 0
4	0 15 0	3 0 0
2	0 18 0	1 16 0
5	1 0 0	5 0 0
4	1 4 0	4 16 0
2	1 5 0	2 10 0
1	1 7 6	1 7 6
6	1 10 0	9 0 0
3	1 15 0	5 5 0

<i>Number Supplied.</i>	<i>Individual Amount Paid.</i>	<i>Total Amount Paid.</i>
3 - - - -	1 16 0	5 8 0
4 - - - -	2 0 0	8 0 0
4 - - - -	2 2 0	8 8 0
2 - - - -	2 5 0	4 10 0
3 - - - -	2 8 0	7 4 0
2 - - - -	2 10 0	5 0 0
1 - - - -	2 15 0	2 15 0
4 - - - -	3 0 0	12 0 0
1 - - - -	3 15 0	3 15 0
1 - - - -	3 18 0	3 18 0
3 - - - -	4 0 0	12 0 0
103		£130 10 6

(b) *Accouchement Sets*.—In August, 1951, Circular No. 84/1951 was received from the Department of Health for Scotland instructing Local Authorities that the provision of maternity outfits to all home confinement cases was now their responsibility. These maternity outfits had to be provided free-of-charge to the patient. An order was placed with a firm who provided the outfits in specially sealed sterilised packs.

The Local Authority paid 14s. 6½d. for each pack. On an estimated 850 home confinements per year, the annual cost is in the region of £620. The minimum contents of the pack specified by the Department of Health also contained a suitable disinfectant, but, rather than provide this in the pack, all midwives were provided with a two-gallon drum of disinfectant from which a supply was drawn as required. Total annual cost to the Local Authority, therefore, in providing this service is in the region of £700. Six accouchement sets at 16s. 6d. each were provided at this price before October, 1951, and from that date until 31st December, 1951, 176 sets were issued free-of-charge.

Day Nurseries.—There are two Day Nurseries in the County—Alexandria Nursery with 40 places and Helensburgh

Nursery with 24 places, both establishments being designated as training schools under the Scottish Nursery Nurses' Examination Board.

Waiting lists for admission remained large in both areas, and there is no doubt that, while the policy of full employment remains, mothers will continue to find employment in addition to their home duties. A proportion of places in both Nurseries was, of course, set aside for Priority Class children—*i.e.*, children of unmarried mothers, of widows, and of estranged parents.

The long planned extension of facilities in Alexandria Nursery did not materialise during 1951 due to protracted negotiations to purchase the necessary land on which the present building stands.

Helensburgh Nursery is part of the clinic building, and plans were afoot to increase the size of the Nursery at the expense of part of the clinic premises not wholly used. It is anticipated that this alteration will be completed during 1952,

Residential Nurseries.—There are no Residential Nurseries in the County Area.

Care of Unmarried Mothers.—Arrangements exist with the undermentioned Homes to have unmarried mothers admitted for their confinement:—

- | | | |
|-----------------------------|---------|--------------------------------------|
| (1) The Salvation Army Home | 1014 | Great Western Road,
Glasgow. |
| (2) St. Gerard's Home - - | 218/220 | St. Vincent Street,
Glasgow, C.3. |
| (3) The Salvation Army Home | | Clevedon Road, Glasgow. |

During the year 1951, four cases were admitted to the Salvation Army Home—three to 1014 Great Western Road, and one to Clevedon Road.

Domestic Help.—During 1951, Domestic Helps assisted at 252 home confinements.

Welfare Foods.—The Local Authority provides proprietary brands of welfare foods at the Child Welfare Clinics. A charge of 2s. 6d. per packet is made to the parent. Bulk supplies are purchased from the manufacturers, and there is no doubt that this method has effected a considerable financial saving to the Local Authority, particularly when such foods were formerly supplied on prescription, the total cost of which was borne by the Authority.

Medical Officers in clinics retain discretion to issue these foods in certain cases free-of-charge, but generally the scheme is practically 100 per cent. financially self-supporting.

During the year 1951, the undernoted quantities of welfare foods were sold:—

Cow & Gate Milk Food	-	-	-	-	2,920 Packets
Ostermilk Food	-	-	-	-	937 Packets

The Local Authority co-operated with the Ministry of Food in the issue of welfare foods such as national dried milk, orange juice and other vitamins, and in several rural areas the Local Authority District Nurse issued these.

From time-to-time clinic facilities were afforded the Ministry of Food, and propaganda meetings were held to publicise the Welfare Foods Scheme.

Provision of New Clinics.—Plans for the erection of two new clinics in Croy and Old Kilpatrick were well advanced by the end of 1951, and site preparation was on hand. It is expected that both clinics will be opened towards mid-1953.

Premature Infants.—Oxygen tents were available for all cases of premature infants born at home. The service, provided by Oxygenaire Ltd., were utilised as requested by the midwife in the case following consultation with the family practitioner. During 1951 the service was utilised on two occasions, one in Alexandria and one in Duntocher, at a total cost of £9 19s. 3d. to the Local Authority.

Maternity Hospitals.—The number of patients confined in hospital again increased, and in the main were admitted to the undernoted institutions:—

Royal Maternity Hospital, Glasgow.

Redlands Maternity Hospital, Glasgow.

Lennox Castle Hospital, Lennoxtown.

Overtoun Maternity Hospital, Dumbarton.

Braeholm Maternity Hospital, Helensburgh.

The following report on admissions to Royal Maternity Hospital, Glasgow, has been kindly provided by the Medical Superintendent:—

THE GLASGOW ROYAL MATERNITY AND WOMEN'S HOSPITAL.

STATEMENT OF CASES ADMITTED (SHOWING REASONS FOR ADMISSION)
TO THE ANTE-NATAL WARDS FROM THE COUNTY OF DUNBARTON,
DURING THE YEAR 1951.

Threatened Miscarriage	- 1	Inevitable Abortions	- - 5
Threatened Abortion	- - 17	Breech Presentations	- - 10
Rhesus Negative	- - 2	Renal Investigation	- - 1
High Blood Pressure	- - 13	Habitual Abortions	- - 2
Previous Cæsarean Section	- 1	Debility	- - - 1
Œdema	- - - 5	Retroverted Uterus	- - 1
Anæmia	- - - 3	Hydramnios	- - - 4
Cardiac Disease	- - - 5	Post Eclampsia	- - - 1
Contracted Pelvis	- - 1	For Investigation	- - 1
Pyelitis	- - - 4	For Induction	- - - 1
Hyperemesis	- - - 1	Intra-Uterine Death	- - 1
Ante-partum Hæmorrhage	- 10	Purpura	- - - 1
Albuminuria	- - - 1		—
Pre-eclampsia	- - - 8		102
Vaginal Bleeding	- - - 1		—

OTHER ADMISSIONS FROM THE COUNTY OF DUNBARTON.

Vertex Presentations - - -	69	Retained Twin - - -	1
Delayed Labour - - -	6	Retained Placenta - - -	1
Premature Labour - - -	2	Incomplete Abortions - - -	18
Premature Rupture of Mem- branes - - - - -	2		101
Post-partum Hæmorrhage -	1		
Face Presentation - - -	1		

Braeholm and Overtoun Maternity Hospitals.—I am indebted to Dr. J. P. O. Erskine for the following report on County Admissions to these two hospitals:—

BRAEHOLM MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1951.

Confinements (Normal) - 231	Babies S.B. - - -	3
Maternal Deaths - - - 1	Babies died in Hospital -	6
Babies Alive - - - 228	B.B.A. Babies Alive - -	9
B.B.A. - - - - - 9		

ANTE-NATAL ADMISSIONS.

Pre-eclampsia	-	-	-	29	Eclampsia	-	-	-	-	1
Hypertension	-	-	-	3	A.P. Hæmorrhage	-	-	-	-	22
Goitre	-	-	-	2	Pulmonary Tuberculosis	-	-	-	-	6
Ischio-rectal Abscess	-	-	-	1	Anæmia	-	-	-	-	6
Urinary Infection	-	-	-	5	Cerebral Hæmorrhage	-	-	-	-	1
Fibroids	-	-	-	3	Cardiac Disease	-	-	-	-	6
Lobar Pneumonia	-	-	-	1	Hyperemesis	-	-	-	-	1
Tape Worm	-	-	-	1	Glycosuria	-	-	-	-	1
Breech for Version	-	-	-	2	Threatened Abortion	-	-	-	-	4
Miscellaneous	-	-	-	6						

OBSTETRIC CONDITIONS.

	MOTHER.		CHILD.		S.B.
	Alive.	Died.	Alive.	Died.	
Twins - - - - -	4	—	5	—	3
Cæsarean Sections - - -	18	—	17	—	1
Forceps - - - - -	28	—	26	2	—
Breech - - - - -	7	—	6	—	1

POST-NATAL ADMISSIONS.

Post Partum Hæmorrhage - 18	Thrombo-phlebitis - - 8
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GYNÆCOLOGY.

Abortions - - - 25	Hysterotomy - - - 1
Hydatidiform Mole - - 1	Salpingitis - - - 1
Sterilisation - - - 2	

OVERTOUN MATERNITY HOSPITAL.

DUNBARTON COUNTY PATIENTS DELIVERED IN 1951.

Confinements - - - 179	Babies S.B. - - - 2
Maternal Deaths - - Nil.	Babies Died in Hospital - 2
Babies Alive - - - 180	

ANTE-NATAL ADMISSIONS.

Pre-eclampsia - - - Nil.	Hypertension - - - 1
Ante-partum Hæmorrhage- 2	Trichomonal Vaginitis 1
Miscellaneous - - - 5	Urinary infection - - 1
Tonsilitis - - - 1	Fibroid - - - 1
Renal Glycosuria - - 1	Asthma - - - 1
Threatened Abortions - 3	Vincent's Angina - - 1
Transferred to Braeholm - 2	

MODES OF DELIVERIES.

	MOTHER.		CHILD.		
	Alive.	Died.	Alive.	Died.	S.B.
Spontaneous Vertex Delivery -	165	—	163	—	2
Twins - - - - -	3	—	5	1	—
Breech Deliveries - - - -	2	—	2	—	—
Forceps - - - - -	9	—	8	1	—

POST-NATALS.

P.P. Hæmorrhage - - 1	Eclampsia - - - 1
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SECTION 23.

MIDWIFERY

Staff.—Midwives gave notice of intention to practise during 1951, categorised as follows:—

Domiciliary, 7; Private Practising, 6; District Nurse/Midwives, 20; and Midwives employed in Braeholm Maternity Hospital, 15.

Home Confinements.—The proportion of home confinements in relation to the total county births again decreased and the figure of 44 per cent. does indicate this increasing trend, as indicated in the 1950 Report, towards hospitalisation of maternity cases. Comparative figures for previous years are shown below:—

Year.						BIRTHS.
						<i>In Hospital or Nursing Home.</i>
1947	-	-	-	-	-	66% 34%
1948	-	-	-	-	-	63% 37%
1949	-	-	-	-	-	56% 44%
1950	-	-	-	-	-	49% 51%
1951	-	-	-	-	-	44% 56%

It would appear that the time is now ripe for a reorientation of Maternity Benefit so that higher grants are available to those women having their babies at home.

Analgesia.—Every midwife employed by the Local Authority is in possession of the Minnit Gas/Air Apparatus. In 416 home confinements during 1951, gas and air was administered, while pethedine was given in 338 cases.

Arrangements for training of any new untrained staff were automatically made in respect of gas/air administration, and two midwives are due to be trained in early 1952.

Supervision of Midwives.—The work and conduct of cases by midwives was inspected at regular intervals by the County Nursing Superintendent and was found to be satisfactory.

The increasing number of hospital confinements had, of course, an effect on home cases, and in one area of the County the services of a domiciliary midwife had to be dispensed with. As staff vacancies occur in this field, the Local Authority is reviewing the needs of the particular district and making any necessary staff adjustments.

As reported elsewhere, home confinements, numbering 777, was the lowest figure for many years, and 20,286 visits were made by midwives to these cases.

Two midwives, one in Alexandria and one in Renton, were recognised by the Central Midwives Board as teaching midwives, and their services will be utilised in this capacity in the training of pupil midwives from Overtoun and Braeholm Maternity Hospitals.

In cases discharged from hospital within 14 days, Local Authority midwives completed the nursing puerperium.

SECTION 24.

HEALTH VISITING.

Staff.—At the end of 1951, staff employed on health visiting was as follows: Whole-time, 17; Part-time, 8. In this area, all Health Visitors (with the exception of five whole-time School Nurses employed in the large Burghs of Dumbarton and Clydebank) are engaged on all aspects of the Public Health Services, including medical inspection and treatment of school children.

Some personnel changes occurred throughout the year, and the shortage of nurses in possession of the Health Visitor's Certificate coming forward to fill such vacancies is giving rise to some concern. This feature of recruitment is a national problem rather than local, but the desirability of a training scheme on a local or regional basis is a matter which will require consideration in the very near future.

The Burgh of Milngavie now has a whole-time Health Visitor in place of the former combined Health Visiting and Home Nursing post.

Clinics.—Clinic attendances remained satisfactory, and in two areas the facilities had to be increased by the opening of rented premises where a Nurse's Advisory and Weighing Clinic was held once weekly. These were instances of the "Clinics going to the People" due to housing developments and population movement, and they also served the purpose of reducing the size of the Medical Officers' Clinics to manageable proportions. The proportion of Health Visitors' time in clinic work has steadily increased at the same time as outside domiciliary visiting demands have increased—the latter aspect of the work particularly so with the calls of the National Assistance Act, Hospital and Family Doctor, Children Act Adoptions and the Domestic Help Scheme, and the task of the Local Authority will be to strike a balance between the two needs.

Health Visiting.—Approximately 1500 more visits were paid in 1951 than in the previous year, the bulk of these again being attributable to the Domestic Help Scheme, where 2,319 visits were made. Total visitation figures were up by 1562 to a total of 25,301, compared with 23,739 in 1950, a praiseworthy achievement in view of the increasing demands of clinic work referred to earlier. There can be no doubt of the value of the Health Visiting Service, and the very valuable social and environmental work done by the nurses in the homes of the people is an essential part in the whole framework of the Health and Welfare Service.

SECTION 25.

HOME NURSING.

(a) *Administration.*—All Home Nursing areas are now administered from the Central Office, and the service has been integrated with other branches of the Health Authority's schemes.

TABLE VI.—DISEASES RECORDED ON CHILD WELFARE CLINIC CARDS

DISEASES.	County Totals.	CLINIC DETAILS.									
		Alex- andria.	Renton.	Helens- burgh.	Dun- tocher.	Old Kil- patrick.	Twechar and Croy.	Cumber- nauld.	Kirkin- tilloch.	Milngavie	Bearsden
GENERAL CONDITIONS:											
General Debility, - - - -	108	10	11	2	3	2	7	8	34	3	28
Malnutrition, - - - - -	3	..	3	..	..	..	..	..	..	..	..
Anæmia, - - - - -	16	1	4	2	1	..	2	1	5	..	..
Jaundice, - - - - -	1	..	..	..	..	..	1	..	..	..	..
THROAT, NOSE, AND EAR CONDITIONS:											
Tonsils and Adenoids, - - -	105	32	6	4	2	3	14	8	17	1	18
Tonsillitis, - - - - -	5	1	1	..	..	..	1	1	1	..	..
Otorrhœa, - - - - -	53	11	8	7	4	3	4	3	7	2	4
Other Ear Diseases, - - - -	18	4	4	2	2	3	1	2	..	..	..
Other Nasal Conditions, - - -	29	13	3	2	1	3	..	..	3	2	2
EYE DISEASES:											
Conjunctivitis, - - - - -	39	3	4	3	2	2	3	4	4	2	12
Blepharitis, - - - - -	6	3	1	..	..	1	..	..	..	..	1
Squint, - - - - -	25	..	3	3	2	4	3	2	1	..	7
Sty, - - - - -	3	1	1	1	..	..	..	..	..	..	..
Other Eye Conditions, - - - -	23	10	7	1	..	2	1	1	..	..	1
RESPIRATORY DISEASES:											
Bronchitis, - - - - -	65	21	7	4	3	2	..	2	9	2	8
Other Respiratory Diseases, -	212	94	18	46	4	11	5	1	9	6	18
Asthma, - - - - -	5	..	..	..	..	..	..	..	..	..	5
DENTAL CONDITIONS:											
Dental Caries, - - - - -	55	17	5	3	2	1	9	4	7	2	5
Other Dental Conditions, - - -	29	3	7	2	4	2	5	2	1	1	2
ALIMENTARY DISEASES:											
Conditions relating to Feeding, -	321	104	3	16	24	37	48	21	17	15	31
Vomiting, - - - - -	18	2	1	2	1	1	1	..	..	..	10
Indigestion, - - - - -	27	2	8	2	..	2	5	1	4	1	2
Enteritis, - - - - -	9	1	1	..	..	2	..	2	1	..	2
Hernia, - - - - -	3	..	..	..	..	..	..	..	..	..	3
Threadworms, - - - - -	27	11	3	15	2	2	2	1	..	..	1
Diarrhœa, - - - - -	80	27	3	11	4	2	6	6	13	2	6
Constipation, - - - - -	27	6	2	3	1	2	2	6	3	1	1
Other Alimentary Conditions, -	87	22	3	17	5	6	3	4	9	4	14
SKIN DISEASES:											
Scabies, - - - - -	11	..	1	2	1	4	1	1	1	..	..
Impetigo, - - - - -	26	5	1	1	1	1	8	2	4	1	2
Eczema, - - - - -	11	2	1	2	1	1	1	..	..	2	1
Alopecia, - - - - -	1	..	..	..	..	..	1	..	..	..	..
Seborrhœa, - - - - -	26	6	1	1	4	2	1	1	3	..	7
Septic Sores, - - - - -	16	4	2	2	..	1	2	..	2	1	2
Nettlerash, - - - - -	94	66	4	2	2	3	2	3	2	..	6
Other Skin Conditions, - - - -	111	32	6	4	4	5	3	4	17	2	34
Dermatitis, - - - - -	4	..	3	..	..	..	..	..	..	..	1
OTHER CONDITIONS:											
Injuries due to Accidents, - -	18	7	3	1	..	..	..	1	2	..	4
Phimosis, - - - - -	24	4	5	1	..	4	2	1	3	2	2
Conditions affecting Umbilicus, -	20	3	2	4	..	3	..	4	1	..	3
Teething, - - - - -	96	17	6	9	4	17	11	16	4	5	7
Enlarged Glands, - - - - -	33	3	7	2	2	3	4	3	2	4	3
Abscesses, - - - - -	7	2	1	2	..	..	1	..	1	..	..
Congenital Conditions, - - - -	39	19	7	3	2	2	2	1	2	..	1
Rheumatism, - - - - -	8	2	2	1	1	..	..	1	..	1	..
Nocturnal Enuresis, - - - - -	16	4	1	1	1	2	1	2	1	2	1
Infectious Disease, - - - - -	64	13	12	3	3	4	3	2	3	15	6
No Disease noted, - - - - -	360	110	19	17	5	18	49	11	14	15	102

(b) *Staff*.—There were 20 Home Nurses in the service of the Local Health Authority at the end of 1951. Of these, 8 were also Health Visitors in their area, while 19 of the 20 were also practising midwives. During the year, Nurse McCracken retired from the Rosneath area after over 30 years' service. Difficulty was experienced in finding a successor to Nurse McCracken and there was some delay before Nurse Brown took up duty. In the interim period the Rosneath area needs were met by the shared services of the Nurses from the two adjoining areas of Cove and Kilcreggan and Garelochhead.

Nurse Gray retired from Garelochhead district during 1951 after many years' service, and was succeeded by Nurse Johnstone.

Nurse Simpson resigned from the Luss area on the occasion of her marriage and was succeeded by Nurse MacLean.

Nurse MacBeath retired after a life-time of service in the Alexandria area and was succeeded by Nurse E. Smith, then employed in the area as a Domiciliary Midwife. The resultant vacancy for a domiciliary midwife was not filled, both posts being combined.

(c) *Transport*.—At the end of 1951, 16 motor cars were provided by the Local Authority for use of Home Nurses. In two cases the District Nurse owned her car and a mileage allowance was paid by the Authority. Delivery was accepted in 1951 of three new vehicles, and the old cars were sold. There still remain two areas where, unfortunately, no car is provided.

(d) *Housing*.—At December, 1951, the housing circumstances of Home Nurses were as follows:—

- 6 in Houses owned by the Local Authority.
- 8 in Houses rented by the Local Authority.
- 2 in Houses owned by the Nurse.
- 3 in Houses rented by the Nurse.

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	18	39	318	1,637	22	1,351	45	201	191	329	9	68	3,625
Kirkintilloch—Landward	10	17	201	1,250	36	852	13	67	92	642	87	167	2,995
Milngavie—Burgh	28	122	71	138	2	19	2	2	17	17	42	42	340
New Kilpatrick	15	49	202	1,351	7	1,284	10	84	142	270	77	160	3,198
Old Kilpatrick and Bowling	—	—	82	586	7	265	4	61	20	84	6	20	1,016
Duntocher and Hardgate	8	47	98	625	—	1,054	4	34	11	201	3	5	1,966
Vale of Leven	—	—	348	2,025	20	2,126	14	219	81	661	78	102	5,133
Renton and Cardross	12	74	123	873	3	603	26	26	14	14	16	102	1,692
Rhu—Burghal	—	—	128	1,226	—	1,158	13	57	30	90	16	51	2,582
Cove and Kilcregan	16	136	16	221	—	153	1	19	—	—	40	159	688
Rest of Western Area	45	313	83	894	35	651	2	18	3	11	52	179	2,066
Grand Totals	152	797	1,670	10,826	132	9,516	134	788	601	2,319	426	1,055	25,301

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.	Kirkintilloch.	
												Hillhead.	Townhead
<u>Child Welfare Consultations.</u>													
Children under 1 year, -	1,270	221	95	105	99	74	132	104	54	50	79	70	187
Children over 1 year, -	416	78	7	19	26	53	117	16	16	19	27	..	38
<u>Total Attendances.</u>													
Children under 1 year, -	12,571	1,814	978	1,031	878	547	1,588	1,377	491	496	1,462	238	1,671
Children over 1 year, -	5,724	713	681	314	424	142	995	521	193	248	747	118	628
<u>Clinics held.</u>													
Medical Officers and Nurses -	532	48	49	49	49	51	51	51	45	45	46	..	48
Nurses only, -	483	49	50	49	50	..	50	..	46	49	50	39	51

In August, 1951, a Local Authority four-apartment house was made available to the Nurse in the Rosneath area, and in the Arrochar area plans and specifications were drawn up for the erection of a house in that district. In the Twechar area, a four-apartment Local Authority house was occupied by the nurse.

(e) *General Review*.—Supervision of the work was carried out by the County Nursing Superintendent, who visited at regular intervals. The conduct of cases was found to be satisfactory and a total of 47,396 visits was made to 2,960 patients.

Many expressions of appreciation by patients of the services were received by the Nursing Superintendent.

SECTION 26.

VACCINATION AND IMMUNISATION.

Vaccination.—The rate of vaccination remained very low, the figures being 589 primarily vaccinated and 147 revaccinated. This total cannot of course be compared to 1950 figures, which were very large, due to the smallpox outbreak in the spring of that year, but, nevertheless, the rate is far from satisfactory, and constant effort is being made by the medical staff to urge parents to have their children vaccinated.

Immunisation.—1648 children completed a full course of immunisation during the year, while 2387 received maintenance inoculations. Comparative figures for 1950 were 1024 and 2288. As in vaccination, this figure is alarmingly low, and it would seem that parents fail to appreciate the necessity to continue immunisation, probably because diphtheria is now in the virtually "rare" category.

General.—The Local Authority continued to provide, on request, supplies of (1) pertussis prophylactic for inoculation

against whooping cough, (2) calf lymph, (3) A.P.T., (4) P.T.A.P., and (5) combined diphtheria-pertussis serum.

As reported last year, the County Nursing Staff carry out inoculations themselves in cases at home where the parent is either unable or unwilling to take the child along to the family practitioner or the local clinic.

SECTION 28.

DOMESTIC HELP.

Staff.—At 30th December, 1951, there were 93 home helps on the paybill—25 full-time and 68 part-time. The full-time number, however, includes 10 who are employed on a casual basis, and these, although available for full-time work, are mainly sent to short-term cases of illness where help is only required for part of the day. On the other hand, the 68 part-time home helps are almost entirely engaged on long-term cases of chronic illness or old age, and the number of households which can be covered by these home helps over the year is therefore comparatively small. This explains what may appear to be an anomaly if the statistics shown on page 42 are compared with those for the year 1950, when it will be found that, although the number of home helps has increased, the number of households assisted has decreased.

A full-time assistant organiser was appointed in February and the administrative side of the scheme is now a self-contained unit in the central office, staffed by an organiser and an assistant organiser. The routine visitation of the home helps at work in each area and the recruitment of suitable home helps in the outlying areas is carried out by the health visitors, whose knowledge of local circumstances is invaluable in ensuring the smooth running of the scheme.

It would appear that the demand generally for the Home Help Service has reached its peak. The present economic situation is probably reflected in the falling demand for full-time service for non-maternity cases, while the increased facili-

ties for hospital confinement has caused a fall in the requirements for maternity cases.

It is obvious that the existence of the part-time service for old persons is now very widely known, and it may be confidently assumed that there are very few, if any, old persons living alone who require the service, and are desirous of availing themselves of it, who are not being covered. In this respect the officers of the National Assistance Board have been playing an increasing part in bringing the benefits of the scheme to the notice of any such persons with whom they come into contact in the course of their duties.

DEPARTMENT OF HEALTH FOR SCOTLAND.

B.C.G. VACCINATION, 1951.

RETURN FOR PERIOD 1ST JANUARY, 1951, TO 31ST DECEMBER, 1951.

Group.	Tuberculin tested.		Negative re-actors.		Vaccin- ated.	
	M.	F.	M.	F.	M.	F.
	(1)	(2)	(3)	(4)	(5)	(6)
(a) Nurses - - -	-	190	-	19	-	2
(b) Medical Students - - -	-	-	-	-	-	-
(c) Contacts - - -	11	5	5	2	5	2
(d) Others - - -	-	27	-	6	-	-

SECTION 27.

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

Tuberculosis.—I am indebted to Dr. J. P. M. McCarey, Area Supervising Tuberculosis Physician, for the undernoted report:—

The following tables show the statistical returns, as regards tuberculosis, made to the Department of Health for the year 1951, corrected to agree with the returns of the Registrar-General for Scotland:—

The following information shows the main statistics for the Landward area and each of the small burghal areas:—

Landward Area.

- 81 Respiratory cases came to notice—68 notifications, 13 transfers-in.
- 14 Non-respiratory cases came to notice—13 notifications, 1 transfer-in.
- 28 Deaths—24 respiratory and 4 non-respiratory.
- 118 cases treated in Sanatoria.
- 28 cases granted domiciliary treatment.

Kirkintilloch.

- 30 Respiratory cases came to notice—29 notifications, 1 transfer-in.
- 6 Non-respiratory cases came to notice, all notifications.
- 8 Deaths—6 respiratory and 2 non-respiratory.
- 61 cases treated in Sanatoria.
- 7 cases granted domiciliary treatment.

Milngavie.

- 8 Respiratory cases came to notice—7 notifications, 1 transfer-in.
- 2 Non-respiratory cases came to notice—1 notification, 1 transfer-in.
- 2 Deaths—both respiratory.
- 14 cases treated in Sanatoria.
- 1 case granted domiciliary treatment.

Helensburgh.

- 7 Respiratory cases came to notice—5 notifications, 2 transfers-in.
- 5 Non-respiratory cases came to notice—4 notifications, 1 transfer-in.
- 2 Deaths—1 respiratory and 1 non-respiratory.
- 17 cases treated in Sanatoria.
- 4 cases granted domiciliary treatment.

TABLE VII.—RETURN OF CASES OF TUBERCULOSIS NOTIFIED DURING 1951.

				NUMBER OF CASES NOTIFIED AS SUFFERING FROM TUBERCULOSIS						
				AGE-GROUPS						
				Under 1 (1)	1 and under 5 (2)	5 and under 10 (3)	10 and under 15 (4)	25 and under 25 (5)	35 and under 35 (6)	35 and under 45 (7)
Respiratory *	.....	.....	M.	—	1	1	—	21	15	13
			F.	—	—	—	1	20	15	3
Total	.....	.....	.....	—	1	1	1	41	30	16
Non-respiratory	.....	.....	M.	—	3	2	—	2	2	2
			F.	1	3	1	1	3	2	1
Total	.....	.....	.....	1	6	3	1	5	4	3
Respiratory and Non-respiratory	.....	.....	M.	—	4	3	—	23	17	15
			F.	1	3	1	2	23	17	4
Grand Total	.....	.....	.....	1	7	4	2	46	34	19

				NUMBER OF CASES NOTIFIED AS SUFFERING FROM TUBERCULOSIS			Cases removed to hospital (11)	Cases notified in a previous year and removed to hospital <i>for the first time during 1951 (12)</i>
				AGE-GROUPS				
				45 and under 65 (8)	65 and up- wards (9)	TOTAL (10)		
Respiratory *	....	....	M.	10	4	65	40	—
			F.	4	1	44	25	10
Total	....	....	....	14	5	109	65	10
Non-respiratory	....	....	M.	—	1	12	9	1
			F.	—	—	12	10	1
Total	....	....	....	—	1	24	19	2
Respiratory and Non-respiratory			M.	10	5	77	49	1
			F.	4	1	56	35	11
Grand Total	....	....		14	6	133	84	12

* Patients should be divided into respiratory and non-respiratory tuberculosis cases as follows :—

- (1) A respiratory case should be one in which there is a tuberculous lesion of the lungs, pleura, intrathoracic glands, trachea or larynx ;
- (2) A non-respiratory case should be one in which a tuberculous lesion is present in one or more parts of the body other than the lungs, pleura, intrathoracic glands, trachea or larynx.

A case in which there are both respiratory and non-respiratory lesions of clinical significance should be classified as a respiratory case.

TABLE VIII.—RETURN OF CASES NOTIFIED DURING YEAR IN WHICH DIAGNOSIS OF TUBERCULOSIS HAS BEEN CONFIRMED

	NUMBER OF CASES DIAGNOSED AS SUFFERING FROM TUBERCULOSIS									
	AGE-GROUPS									TOTAL
	Under 1 (1)	1 and under 5 (2)	5 and under 10 (3)	10 and under 15 (4)	15 and under 25 (5)	25 and under 35 (6)	35 and under 45 (7)	45 and under 65 (8)	65 and up- wards (9)	
RESPIRATORY—										
Males	—	1	1	—	21	15	13	10	4	65
Females	—	—	—	1	20	15	3	4	1	44
Total	—	1	1	1	41	30	16	14	5	109
NON-RESPIRATORY—										
Males	—	3	2	—	2	2	2	—	1	12
Females	1	3	1	1	3	2	1	—	—	12
Total	1	6	3	1	5	4	3	—	1	24
RESPIRATORY AND NON-RESPIRATORY—										
Males	—	4	3	—	23	17	15	10	5	77
Females	1	3	1	2	23	17	4	4	1	56
Total	1	7	4	2	46	34	19	14	6	133

TABLE IX.—RETURN SHOWING THE NUMBER OF CASES WITH THEIR HOME RESIDENCE IN THE AREA WHO RECEIVED TREATMENT IN SANATORIA OR OTHER INSTITUTIONS DURING THE YEAR

		NUMBER OF PATIENTS					
		(1)	(2)	(3)	(4)	(5)	(6)
		In Institutions on January 1	Admitted during the year	Discharged during the year	Died in the Institutions*		In Institutions on Dec., 31
RESPIRATORY—							
†Adults	M.	28	52	32	5	2	41
	F.	24	45	17	3	—	49
Children	M.	2	1	2	—	—	1
	F.	—	1	—	—	—	1
NON-RESPIRATORY—							
*Adults	M.	9	11	9	—	—	11
	F.	6	9	8	—	—	7
Children	M.	10	4	5	—	—	9
	F.	1	8	3	1	1	4
Total		80	131	76	9	3	123

* In column 4 show those who were in final residence 28 days or over.

In column 5 show those who were in final residence under 28 days.

† All patients of 15 years and upwards should be classed as adults.

TABLE XI.—RETURN OF NUMBER OF PERSONS WHO DIED FROM TUBERCULOSIS IN THE AREA DURING THE YEAR WITH PARTICULARS AS TO PERIOD ELAPSING BETWEEN NOTIFICATION AND DEATH AND BETWEEN DISCHARGE FROM AN INSTITUTION AND DEATH

(Persons dying in sanatoria, etc., should be 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	1	2	2
Notified less than 1 month before death	3	1	—	—
Notified from 1 to 3 months before death	—	2	—	2
Notified from 3 to 6 months before death	—	1	—	—
Notified from 6 to 12 months before death	1	1	—	—
Notified from 1 to 2 years before death	3	1	1	—
Notified over 2 years before death	10	8	—	—
Total	19	15	3	4
Number who died within 28 days after discharge from an Institution	—	—	1	—
Number who died more than 28 days after discharge from an institution	8	5	—	—

TABLE X.—RETURN OF NUMBER OF PERSONS RESIDENT IN THE AREA AT 31st DECEMBER, 1951 WHO WERE KNOWN TO BE SUFFERING FROM TUBERCULOSIS

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

	NUMBER OF CASES IN AGE-GROUPS									
	Under 1	1 and under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and up- wards	Total
RESPIRATORY*—										
1. Sputum or other material examined M. and tubercle bacilli found F.	— —	— —	— 1	— 1	19 34	44 42	29 25	31 9	4 1	127 113
2. Sputum or other material examined M. and tubercle bacilli never found F.	— —	— —	— —	1 1	19 33	30 29	27 9	26 6	3 —	106 78
3. Sputum or other material not ex- M. amined F.	— —	1 1	3 1	7 1	12 22	8 5	6 4	5 4	1 3	43 41
Total	—	2	5	11	139	158	100	81	12	508
NON-RESPIRATORY†—										
1. Abdominal M. F.	— —	— —	— 1	— 2	2 1	— 4	— 1	— —	— —	2 9
2. Spine M. F.	— —	2 2	1 —	1 2	1 3	3 7	2 —	— 1	— —	10 15
3. Bones and joints (exclusive of spine) M. F.	— —	1 —	4 2	3 —	7 5	4 1	3 —	3 —	— 1	25 9
4. Superficial glands M. F.	— —	— —	5 4	2 9	5 6	1 2	1 —	— 1	— —	14 23
5. Lupus M. F.	— —	— —	— —	— —	— —	— 1	— 1	— —	— —	— 2
6. Other parts or organs M. F.	— —	1 1	7 —	2 —	5 2	3 6	1 1	— —	— —	19 10
Total	—	7	24	21	37	32	10	6	1	138
RESPIRATORY AND NON-RESPIRATORY TOTAL	—	9	29	32	176	190	110	87	13	646

* Persons suffering from both respiratory and non-respiratory tuberculosis should be included under "Respiratory" only.

† Persons suffering from multiple lesions should be classified according to the site of the principal lesion. No case should be included more than once in the return.

NOTE.—A patient should be retained on the register in the case of respiratory tuberculosis for at least five years, and in the case of non-respiratory tuberculosis for at least three years after complete freedom from symptoms and absence of signs of tuberculosis except such as are compatible with a healed lesion or lesions.

Cove and Kilcreggan.

1 case treated in Sanatoria.

Of the 109 notified respiratory cases, 63 were admitted to institutions during the year. 41 of the notified cases had a positive sputum and 33 of these cases were admitted to institutions.

Contacts.—177 contacts were examined during the year, all of whom were negative.

Assistance.—During the year the following equipment was supplied to patients:—

Nursing requisites	-	-	-	-	-	1
Garden Shelters	-	-	-	-	-	Nil
Clothing	-	-	-	-	-	Nil

Extra Diet.—40 patients received extra nourishment (milk).

Rehabilitation.—No return for the year 1951 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.—17 houses were allocated during 1951 to families where tuberculosis existed in the household.

GENERAL REVIEW.

(1) *Convalescent Homes.*—(a) 4 admission lines to Voluntary Convalescent Homes were received and issued during the year, usually on the recommendation of the District Welfare Officers. (b) 7 children were admitted for short-stay periods to Convalescent Homes during the year.

(2) *Venereal Diseases.*—The Local Authority continued to co-operate in the follow-up of known contacts of this disease.

(3) *Issue of Medical Equipment.*—The Local Authority provided many items of medical equipment on a loan basis to

patients through the medium of the Home Nurse, who supervised the use and care of the equipment in her own particular area.

CONTROL OF INFECTIOUS DISEASES.

Scarlet Fever.—122 cases were reported during 1951, the figures for 1950 being 107. No deaths occurred from the disease.

Diphtheria.—One confirmed case was notified during 1951.

Erysipelas.—Five cases were notified in 1951 against eight in 1950, and all five were hospitalised.

Primary Pneumonia.—131 cases were notified in 1951, against 134 cases in 1950. 106 cases were hospitalised.

Influenzal Pneumonia.—No cases were notified during 1951, against five in 1950.

Cerebro-Spinal Fever.—Six cases were notified in 1951, against four in 1950. All six cases were hospitalised.

Puerperal Fever and Pyrexia.—There were no cases intimated during 1951.

Poliomyelitis.—Six cases were notified during 1951, of which two were confirmed. All were hospitalised. No deaths occurred from the disease. The figure for 1950 was 11 cases.

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

Whooping Cough.—This disease became notifiable from 1st January, 1950, and in 1951 there were 146 cases, of whom five were hospitalised. Comparative figures for 1950 were 222, of whom 22 were hospitalised.

Infectious Diseases at Dairy Farms.—No cases of infectious disease occurred in dairy farms during 1951.

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

B.C.G. VACCINATION, 1951.

(a) The Local Authority had plans prepared by the end of 1951 to begin vaccination of selected contacts in early 1952. It was intended in the initial stage to restrict this vaccination to contacts of tuberculosis cases under 15 years of age.

(b) The form of return from the Area Supervising Tuberculosis Physician for 1951 shows that a total of 233 persons were tuberculin tested, 190 of whom were nurses. Nine persons received the full B.C.G. vaccination course (two nurses and seven contacts). Further details can be seen on page 30.

MENTAL HEALTH SERVICES.

Lunacy.—During 1951, authorised officers arranged for the certification and removal of 31 patients. In addition, two were admitted as voluntary patients for treatment. No difficulty was experienced in finding accommodation for patients, and the scheme worked smoothly.

The Local Authority continued to have a working arrangement with the admitting institutions on rehabilitation of discharged patients, and a complete environmental report on the patients' circumstances was transmitted to the mental hospital by the County District Authorised Officer. Age groupings of patients removed were as follows:—

<i>Total</i>	—15	—25	—35	—50	—65	—80	+ 80
33	—	3	5	10	6	7	2

REMOVAL DETAILS ON AREA BASIS.

Vale of Leven Area	-	-	-	-	-	-	11
Helensburgh Area	-	-	-	-	-	-	6
Old Kilpatrick and Duntocher Area	-	-	-	-	-	-	5
Bearsden and Milngavie Areas	-	-	-	-	-	-	2
Kirkintilloch Area	-	-	-	-	-	-	4
Croy, Twechar and Cumbernauld Areas	-	-	-	-	-	-	5

33

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	1,270	416	12,571	5,724
Clinics provided by Voluntary Organisations	—	—	—	—	—

Notes.—* "Clinics" means Clinic premises, not sessions.

† Excluding children who attended during the previous year or who are known to have previously attended a clinic in another district.

ANTE-NATAL AND POST-NATAL CLINICS

There are no Ante-Natal or Post-Natal Clinic Sessions held by the Local Health Authority.

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—c/o J. Pirie, M.P.S., Powside	—	1	1
Twechar—Public School	1	1	2
Cumbernauld—Public School	—	1	1
Kirkintilloch—The Clinic, Lenzie Road	1	1	2
Kirkintilloch—Hillhead Community Centre	1	—	1
Milngavie—37 Station Road	—	1	1
Croy—Dunbarton County Council Office	—	1	1
Bearsden—Hillfoot Clinic	1	1	2
Bearsden—Westerton Hall Committee, Community Hall, Westerton	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	8	8	7	4
Nursing Mothers	8	7	7	11*
Pre-school children	574	519	518	571*

* Includes carry forward of cases from 1950.

(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	12	53	33
*St. Gerards Home, 218-220 Renfrew Street, Glasgow, C.3	26		14

* These two Homes are utilised as part of the Local Health Authority's arrangements for Care of Unmarried Mothers.

Total number of women admitted during the year to homes and hostels in Column (1) above (ignoring re-admission after confinement) 4.

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

	State whether approved for training	No. of Approved places		No. of children on register at end of year		Average daily attendances during year		Waiting Lists at end of year	
		0-2	2-5	0-2	2-5	0-2	2-5	0-2	2-5
(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	21	24	16	22	85	165
Helensburgh Day Nur- sery, East King Street, Helensburgh	Yes	8	16	8	21	6	19	12	50

(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 (SECTION 23)

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

Live Births, 1,217. Still Births, 34. Total, 1,251.

- (ii) Total No. of births in (i) occurring in institutions (including private maternity homes, 474†).

(Where details of the numbers occurring in each institution are readily available, it would be helpful if a separate list could be provided)

† Took place in Braeholm Maternity Hospital, Helensburgh.

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

Live Births, 756. Still Births, 21. Total, 777.

- (iv) No. of births in (iii) classified to show nature of attendance at birth :—

	Cases dealt with under Section 23 (2) of the National Health Service (Scotland Act, 1947†			Other domiciliary cases			TOTAL
	Doctor engaged and present at confinement	Doctor engaged and not present at confinement	Midwife alone (no doctor engaged)	Doctor and Midwife engaged	Midwife alone (no doctor engaged)	Without doctor or Midwife	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) Midwives employed by the Authority (including those engaged on a fee-per-case basis)	189	544	11	33†	—	—	777
(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	—	—	—	—	—	—	—
(e) TOTALS	189	544	11	33	—	—	777

Emergency cases under Section 22 (1) of the Midwives (Scotland) Act, 1915, are **not** included in the cases in which a doctor has been "engaged."

* Took place in Braeholm Maternity Hospital, Helensburgh.

† Privately engaged Midwives or Maternity Nurses.

Note.—The total of (iv) should equal (iii).

(v) Medical Aid

- (a) No. of cases in which medical aid was summoned during the year under Section 22 (1) of the Midwives (Scotland), Act, 1915, by a Midwife :—

	Total
(i) for Domiciliary Cases, 3	} 3
(ii) for Institutional Cases, 0	

- (b) No. of cases in which medical aid was summoned during the year for cases where the medical practitioner had agreed to provide maternity medical services under the National Health Service 34

Note.—Cases in which the midwife summoned the medical practitioner to her assistance should not be deemed to be emergencies for the purpose of Section 22 (1) of the Midwives (Scotland) Act, 1915, unless the case is being conducted by a midwife alone—no doctor having been booked.

(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 26
- (i) No. in (a) employed on local health authority work 26
- (ii) No. in (a) not employed on local health authority work 0
- (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, 1951 28
- (i) No. in (c) in use by domiciliary midwives employed on local health authority work (including those in use by hospital midwives undertaking domiciliary cases) 26
- (ii) No. in (c) in use by domiciliary midwives not employed on local health authority work —
- (d) No. of sets on order at 31st December, 1951 —
- (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) 416
- (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) 338

- (vii) No. of Cars in use by midwives at 31st December, 1951 18

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										Total Visits Paid
	Expectant Mothers*		Children under 1 year of age		Children between the age of 1 and 5		Tuberculosis cases		Other cases		
	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	152	797	1,670	10,826	132	9,516	134	788	1,027	3,374	25,301
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.

† Excluding cases visited during the previous year and cases known to have previously been visited in another area.

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	2,960	47,396
Home Nurses employed by Voluntary Organisations under arrangements made by the Authority	—	—

V. DOMESTIC HELP (SECTION 28)

(i) No. of Domestic Helps employed at end of year	93
(a) whole-time	14
(b) part-time	68
(c) Retaining fee basis	11
(ii) No. of cases for which Helps were provided during year	608—437 F.T. 171 P.T.
(iii) No. of cases in (ii) provided on account of confinement :—	
(a) at home }	252
(b) in hospital }	
(iv) Average period of assistance	2/3 weeks F.T. Part Time indefinite period

TABLE XII.—MATERNITY AND CHILD WELFARE DENTAL
SERVICE—JANUARY, 1951/DECEMBER, 1951
Entire County excluding Burghs of Clydebank and Dumbarton

	Maternity Service		Child Welfare
	Ante-Natal	Post-Natal	
1. Number Inspected	8	8	574
2. Number Requiring Treatment	8	7	519
3. Number Accepting Treatment	7	7	518
4. Number Actually Treated	4	11	571
5. Number of Attendances	9	25	654
6. Number Completed Treatment	2	8	443
<i>Treatment—</i>			
(a) Number of Fillings	—	3	127
(b) Number of Teeth Extracted	19	36	997
(c) Number under Local Anaesthesia	4	—	77
(d) Number of Administrations of General Anaesthesia	3	5	238
(e) Number of Dentures Supplied	—	8	—
(f) Number of Dentures Repaired	—	—	—

TABLE XIII—DIPHTHERIA IMMUNISATION.

RETURN FOR PERIOD FROM 1ST JANUARY, 1951, TO 31ST DECEMBER, 1951.

<i>Year of Birth of persons.</i>	<i>*Number of children who completed a full course of immunisation during the year ended 31/12/51.</i>				<i>Number of mainten- ance inoculations given during the year ended 31/12/51.</i>
1951	-	-	-	72	—
1950	-	-	-	799	—
1949	-	-	-	339	—
1948	-	-	-	99	—
1947	-	-	-	40	12
1946	-	-	-	72	409
1945	-	-	-	84	599
1944	-	-	-	59	142
1943	-	-	-	18	100
1942	-	-	-	13	108
1941	-	-	-	45	550
1940	-	-	-	—	44
1939	-	-	-	—	29
1938	-	-	-	2	141
1937	-	-	-	7	220
1936 or earlier	-	-	-	1	33
				1650	2387

* 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 XIV.—VACCINATION
RETURN FOR PERIOD 1ST JANUARY, 1951, TO 31ST DECEMBER, 1951

Year of birth of persons	NUMBER OF PERSONS PRIMARILY VACCINATED DURING PERIOD				NUMBER OF PERSONS RE-VACCINATED DURING PERIOD				Number of persons specially reported during period because of actual or alleged complication of vaccination
	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	
1951	251	37	1	12	—	—	—	—	—
1950	184	35	—	22	1	—	—	1	1
1949	7	7	—	1	—	—	1	—	1
1948	4	2	—	—	—	—	—	—	—
1947	5	—	—	—	—	—	1	—	—
1946	3	—	—	—	4	—	1	2	—
1945	3	—	—	—	1	—	—	—	—
1944	1	—	—	—	—	—	—	—	—
1943	3	—	—	—	—	—	—	—	—
1942	2	—	—	—	—	—	—	—	—
1941	—	—	—	—	—	1	—	—	—
1940	1	—	—	—	2	—	—	—	—
1939	—	—	—	—	1	—	—	—	—
1938	—	—	—	—	—	—	—	—	—
1937	—	—	—	—	—	—	—	—	—
1936 or earlier	8	—	—	—	67	18	27	16	—
Totals	472	81	1	35	77	19	30	21	—

COUNTY OF DUNBARTON.

TABLE XV.—SHOWING THE NUMBER OF CASES OF INFECTIOUS DISEASE OCCURRING IN HOUSES OF DIFFERENT SIZES, &c., IN 1951.

Disease.	Number of Apartments.					Over Five.	Cases occurring in				Total No. of Cases.	
	One.	Two.	Three.	Four.	Five.		Institutions.	Hotels.	Ships.	Tents.		House-boats.
Poliomyelitis, ...	...	...	...	2	1	...	...	...	...	...	...	3
Scarlet Fever, ...	...	21	30	50	13	6	2	...	...	...	...	122
Erysipelas, ...	...	2	2	1	...	...	...	...	...	...	...	5
Primary Pneumonia, ...	4	37	38	29	9	12	...	...	...	2	...	131
Puerperal Fever, ...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria, ...	...	...	1	...	...	1	...	...	...	...	...	2
Measles, ...	...	...	1	...	...	...	...	...	...	...	...	1
Cerebro-Spinal Fever, ...	...	1	1	3	...	...	1	...	...	...	...	6
Dysentery, ...	...	...	...	...	...	...	12	...	...	...	...	12
Ophthalmia Neonatorum, ...	...	...	...	...	...	...	...	...	...	...	...	...
Para Typhoid B., ...	...	...	...	1	...	...	1	...	...	...	...	2
Whooping Cough, ..	4	37	37	31	22	14	...	...	...	1	...	146
TOTAL, ...	8	98	110	117	45	33	16	...	...	3	...	430

TABLE XVI.—RETURN OF CASES OF INFECTIOUS DISEASE (EXCLUDING TUBERCULOSIS) NOTIFIED DURING THE YEAR ENDED 31ST DECEMBER, 1951

DISEASE			NUMBER OF CASES COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH AND ACCEPTED BY HIM AS SUFFERING FROM THE STATED DISEASE										
			At all ages	At Age—Years								Cases removed to hospital	Cases not removed to hospital
				Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and up-wards		
			1	2	3	4	5	6	7	8	9	10	11
Cerebro-Spinal Fever	....	M.	3	1	1	1	—	—	—	—	—	3	—
		F.	3	3	—	—	—	—	—	—	—	3	—
Chickenpox	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Cholera	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Continued Fever	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	....	M.	1	1	—	—	—	—	—	—	—	1	—
		F.	1	—	—	—	—	—	1	—	—	1	—
Dysentery	....	M.	12	—	—	—	—	1	2	4	5	12	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	....	M.	1	—	—	—	—	—	—	1	—	—	1
		F.	4	—	—	—	—	—	—	1	3	2	2
Jaundice, Acute Infective	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Malaria	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Measles	....	M.	1	—	1	—	—	—	—	—	—	—	1
		F.	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Plague	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Pneumonia, Acute Influenzal	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Pneumonia, Acute Primary	....	M.	83	6	15	9	1	6	7	5	34	65	18
		F.	48	4	6	6	3	5	3	5	16	41	7
Poliomyelitis, Acute	....	M.	3	—	1	2	—	—	—	—	—	3	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	....	M.	65	—	35	22	6	2	—	—	—	60	5
		F.	57	—	34	17	1	4	1	—	—	49	8
Smallpox	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid A.	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid B.	....	M.	2	—	—	—	—	—	1	1	—	2	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Typhus Fever	....	M.	—	—	—	—	—	—	—	—	—	—	—
		F.	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	....	M.	65	10	38	16	—	—	—	1	—	3	62
		F.	81	9	44	25	1	1	1	—	—	2	79
TOTAL			M. 253	18	94	55	8	10	10	11	47	158	95
			F. 201	16	85	50	8	11	6	6	19	103	98

COUNTY OF DUNBARTON.
TABLE XVII.—CASES OF INFECTIOUS DISEASE COMING TO THE KNOWLEDGE
OF THE MEDICAL OFFICER DURING 1951.

PARISH.	Measles	Diphtheria	Whooping Cough	Scarlet Fever	Erysipelas	Puerperal Fever	Puerperal Pyrexia	Primary Pneumonia.	Influenza.	Cerebro Spinal Fever.	Dysentery.	Polimiyeelitis.	Ophthalmia Neonatorum.	Para Typhoid B.	Totals.
Bonhill,	1	..	43	8	..	..	..	22	..	1	..	..	..	..	75
Cardross,	..	1	18	8	..	..	..	15	..	..	..	..	..	..	42
Kilmaronock,	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Rosneath (Landward),	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rosneath (Burgh),	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Rhu (Landward),	..	..	..	2	..	..	..	1	..	2	..	..	..	..	5
Rhu (Burgh),	..	..	..	1	..	..	..	3	..	1	..	..	..	..	5
West Kilpatrick,	..	..	11	15	..	..	..	27	..	1	..	..	..	..	54
East Kilpatrick (Landward),	..	1	18	16	..	..	..	7	..	1	..	..	..	1	44
East Kilpatrick (Burgh),	..	..	10	27	..	..	..	..	..	..	..	1	..	1	39
Kirkintilloch (Landward),	..	..	4	5	..	..	..	7	..	..	12	..	..	..	28
Kirkintilloch (Burgh),	..	..	40	35	3	..	..	47	..	..	..	1	..	..	126
Cumbernauld,	..	..	1	5	2	..	..	1	..	..	..	1	..	..	10
Totals,	1	2	146	122	5	..	..	131	..	6	12	3	..	2	430
Removed to Hospital,	1	2	5	109	2	..	..	106	..	6	12	3	..	2	248

NURSERIES AND CHILD MINDERS REGULATIONS, 1948.

No applications were received in respect of premises during 1951, and no intimations were received by the Local Authority from Child Minders.

PORT HEALTH ADMINISTRATION—C.

The Local Authority makes an annual payment to the Corporation of Glasgow for services carried out by that Port Health Authority in our area.

In addition, suitable arrangements were made for the inspection of ships docking at Finnart.

FOOD SUPPLY—D.

Milk.—With very few exceptions the Milk Officers' work has been eased by trade appreciation of the value of a clean milk supply. While opportunity is taken to improve the physical standard of farm properties as occasion arises, it cannot be too strongly stated that the human element is at the end of the day the touchstone of cleanliness. Piecemeal, the County is becoming specified under the Milk (Special Designations) Order, but all associated with the trade will still require to remember that both the avoidance of the souring of milk and the prevention of certain major and minor diseases is their continuing responsibility.

Ice-Cream Regulations.—Registration to a reasonable standard is now routine. It is a pity that there is no relaxation of the standard of fat content, as the trade is quite correct in stating that the "West Coast" palate dislikes a high fat content ice-cream. I wonder if there is really less fat in the usual wafer as compared to a similar quantity by weight of "high fat" ice-cream! Should there not be, say, two qualities of ice-cream to meet all schools of thought?

Meat and Other Foods.—There is nothing to report under this head.

Food Hygiene.—There is nothing to report under this head.

Food Poisoning.—There were no outbreaks of disease traceable to public food supplied.

Nutrition.—There is no doubt that the general standard of nutrition of the population as a whole is good. The only real exception is in the case of certain old-age pensioners where in a few cases both their calorific intake and qualitative value leave much to be desired.

MISCELLANEOUS.

E.

NATIONAL ASSISTANCE ACT, 1948.

Part III Accommodation.—Suitable accommodation remained Problem No. 1. during 1951. The search for suitable large houses, readily convertible, continued, and the Home for the Aged project in Milton, by Bowling, area did not progress beyond the planning stage, although it is hoped that this project will materialise during the course of 1952 and that consent to capital expenditure will be forthcoming.

Medical Supervision and Services.—Medical Supervision and Services were provided in Townend Hospital, Dumbarton, which still remains the Authority's sole Part III Accommodation in the area.

The aged and the handicapped were visited in their homes by Health Authority Staff, including Home Nurses, Health Visitors, Welfare Officers and Home Helps.

Registration and Inspection of Homes for the Aged and Disabled (Section 37).—Registration was granted to the Church of Scotland Committee for Social Services in respect of Clydeview Eventide Home, Helensburgh, following submission by them of proposed plans.

Removals (Section 47).—No compulsory removals were called for during 1951, the Welfare Officers in all cases being able

to persuade the patient to go to hospital or Part III Accommodation.

Care of Property (Section 48).—No specific arrangements were required under this head since there were no cases of compulsory removal. Where patients voluntarily removed to hospital or Part III Accommodation, Authority Welfare Officers assisted in the care of property and effects.

Burials (Section 50).—Burials under this section of the Act took place and were paid for by the Local Authority without prejudice.

PART III ACCOMMODATION.

Townend.

	<i>Males.</i>	<i>Females.</i>	<i>TOTAL.</i>
Cases Chargeable at 1/1/51 - - -	26	14	40
<i>Add:</i> New Admissions to 31/12/51	21	17	38
	47	31	78
<i>Deduct:</i> Discharges to 31/12/51 - -	23	21	44
Cases Chargeable at 31/12/51 - - -	24	10	34

Other Local Authorities' Homes.

Cases Chargeable at 1/1/51 - - -	4	2	6
<i>Add:</i> New Admissions to 31/12/51	1	—	1
	5	2	7
<i>Deduct:</i> Discharges to 31/12/51 - -	2	1	3
Cases Chargeable at 31/12/51 - - -	3	1	4

Voluntary Homes.

Cases Chargeable at 1/1/51 - - -	3	7	10
<i>Add:</i> New Admissions to 31/12/51	1	5	6
	4	12	16
<i>Deduct:</i> Discharges to 31/12/51 - -	1	3	4
Cases Chargeable at 31/12/51 - - -	3	9	12

SECTION 29.

WELFARE SERVICES.

Handicapped Persons (excluding Blind).—No particular progress can be recorded under this head in the matter of provision of services for handicapped persons. All such persons did, of course, receive regular visitation from the Nursing Staff, and Home Helps, usually part-time, were provided on request.

Blind Persons.—As can be seen from the relative Table, there were 110 registered blind persons in the County Area at 1st April, 1952. Of this number, 17 were registered for the first time during the year and only three of these were under 65 years of age. Of the total registered blind of 110, 69, or 63 per cent., are over 65 years of age, and at this later stage in life it is extremely difficult to effect any great degree of training in Braille and allied subjects. Nine blind persons were employed in the workshops of the Royal Glasgow Asylum for the Blind, six were in other employment, while three who were trainable were not yet being trained.

Close liaison exists between this Department and the Outdoor Mission to the Blind's home teachers, and the scheme could be regarded as working satisfactorily.

Radio Licences—Wireless Telegraphy (Blind Persons Facilities) Act, 1926.—During 1951, 13 certificates were issued to registered blind persons under this Act.

Statistics.—The following table shows the area details of registered blind persons within the Dunbarton County Area:—

TABLE XIX.

	On Register at 1/1/51.	Added during year.	Total.	Died During Year.	Left district during year.	Certifi- cation with- drawn.	On Register at 31/12/51.
Burgh of Kirkintilloch,	12	2	14	2	...	...	12
Burgh of Helensburgh,	9	3	12	1	...	...	11
Burgh of Milngavie, ...	13	1	14	2	...	...	12
Burgh of Kilcreggan, ...	...	...	...	...	...	...	...
Eastern Area							
(Landward), ...	35	3	38	5	1	...	32
Western Area							
(Landward), ...	41	9	50	6	3	...	41
	110	18	128	16	4	...	108

TABLE XX.—RAINFALL DURING 1950

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	7.93	3.84	3.97	4.25	2.08	2.10	4.26	5.83	4.29	1.95	9.11	11.49	61.10
Rhu, Filter House	Do.	8	1 0	350	7.33	3.93	4.51	3.27	2.56	1.95	4.11	4.80	4.09	2.07	8.62	10.35	57.59
Valve House, Luss Rd., Helensburgh	A. Duncan Romisch, Burgh Surveyor	8	1 0	293	6.39	3.41	3.57	2.89	2.33	2.01	3.67	3.95	4.32	1.92	7.59	9.59	51.64
Renton Filters	E. Carberry, Alexandria	8	4 0	292	5.09 24	3.15 21	3.17 18	2.60 15	2.22 8	2.09 13	2.95 19	4.77 20	4.07 16	1.36 11	7.43 24	7.89 27	46.79 216
Garshake	William Wilson, Burgh Engineer	8	1 0	235	6.18	3.10	3.26	2.68	2.08	1.97	3.13	5.70	3.96	1.07	7.97	7.88	48.98
Loch Humphrey	Do.	8	1 0	1052	4.71	3.18	3.04	2.57	1.97	2.80	4.29	6.94	4.15	1.36	8.52	7.11	50.64
Main Sewage Stn., Dumbarton	Do.	5	1 0	11	4.99	2.86	2.84	2.49	1.96	1.89	3.24	4.90	3.42	1.01	6.91	7.40	43.91
Glen Finlas	E. Carberry, Alexandria	....	....	....	8.75 23	4.75 22	5.78 19	5.25 16	2.61 9	2.86 10	6.22 22	8.95 21	6.53 16	3.61 12	9.92 24	14.80 28	80.03 222
Cochno Filters		5	1 0	400	4.84 22	2.35 22	3.00 18	2.17 18	2.07 11	2.38 13	3.72 18	5.63 22	3.70 15	1.34 12	6.59 27	6.21 27	44.00 225
Cochno Loch	J. E. McWilliam, Superintendent	5	1 0	909	7.96	2.75	4.28	3.08	1.52	3.02	5.72	7.50	4.25	1.80	6.62	8.06	56.56
Jaw Reservoir	Do.	5	1 0	912	6.18	4.14	4.17	3.71	1.55	2.91	5.86	7.18	4.24	1.93	7.16	9.36	58.39
Greenside Reservoir	Do.	5	1 0	875	9.68	3.62	4.38	2.90	2.16	2.97	4.96	7.16	4.51	1.51	7.19	7.79	58.83
Mugdock Reservoir	Malcolm Ross, County Engineer	....	....	325	6.19	3.42	3.90	2.74	1.79	2.77	4.92	5.58	4.28	1.39	6.69	7.68	51.44
Mean Rainfall (Scotland)	Meteorological Reports	....	....	....	4.12 20	2.91 20	2.75 18	2.46 16	2.01 11	2.13 12	3.69 17	4.12 20	2.38 14	0.82 10	6.02 24	4.80 23	38.21 205

Nursing Homes Regulation (Scotland) Act, 1938.—There are no registered Nursing Homes within the County Area.

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.—There was a continuation of the principle of the taking of periodic samples to check public water supplies, all of which continue to be satisfactory. In respect of private supplies, only when some possible serious cause of pollution is the contributory factor in an abnormal bacterial count is the sample designated as bad. A mere knowledge of the bacteriology of water supplies does not of itself lead to the decision to condemn.

For record purposes it should be stated that water from Loch Lomond at Auchentullich Bay has been periodically sampled.

Rivers Pollution.—The Allander at Milngavie still continued to be unsatisfactory. The paper recovery rate at the works improved somewhat, but there is still some way to go before the Local Authority will be satisfied.

With the passing of the Rivers (Prevention of Pollution) Scotland Act, 1951, the responsibility for the cleanliness of rivers will be passed to new *ad hoc* Boards. These will take some time to form, and it is presumed that Local Authorities will require to continue their supervision during the interim period.

It should be stressed that pollution of rivers by the effluent from paper mills is an extremely difficult problem, and the mere formation of any new Board is unlikely to produce very appreciable results for a long time to come.

Offensive Trades.—No complaints were received.

Meteorology.—Table XX shows annual rainfall recorded at the various stations in the County.

HOUSING PROGRESS

HOUSES COMPLETED DURING THE YEAR 1951.

Site	Tradition	Non-Traditional		Agricultural		Total
Cardross	4	Blackburn	28			42
		Whitson-Fairhurst	10			
Waterside		Lawrence	30			46
		Orlit	16			
Milton		Whitson-Fairhurst	24			36
		Orlit	12			
Bearsden		Blackburn	24			44
		Whitson-Fairhurst	20			
Condorrat		Whitson-Fairhurst	20	Orlit	6	26
Abronhill				Orlit	4	4
Craigton				Orlit	4	4
Colgrain				Orlit	4	4
Kipperoch				Orlit	4	4
Ballagan				Orlit	4	4
Blairquhomrie				Orlit	4	4
Rhu		Orlit	4			4
Croy		Orlit	16			16
Dalmonach		Orlit	42			72
		Whitson-Fairhurst	30			
Arrochar	6	Orlit	4			10
Rosneath	6					6
Garelochhead	8					8
Castlecary		Orlit	4			4
Twechar		Whitson-Fairhurst	16			16
Argyll Street, Alexandria		Whitson-Fairhurst	20			20
	24		320		30	374

HOUSING (SCOTLAND) ACT, 1950.

During the year 75 Representations were made affecting 75 houses under the Housing (Scotland) Act, 1950.

<i>Situation of Property.</i>	RENTON.		<i>Apartments.</i>						
	<i>No. of Houses.</i>	1	2	3	4	5	6	7	
<i>Closing Order—</i>									
56 Main Street - - -	1	—	—	1	—	—	—	—	
135 Back Street - - -	1	1	—	—	—	—	—	—	
<i>Demolition Order—</i>									
97 Back Street - - -	1	—	—	1	—	—	—	—	
	3	1	—	2	—	—	—	—	

<i>Situation of Property.</i>	BONHILL.		<i>Apartments.</i>						
	<i>No. of Houses.</i>	1	2	3	4	5	6	7	
<i>Closing Order—</i>									
37 Random Street, Alexandria	1	1	—	—	—	—	—	—	
North Lodge, Rosdhu -	1	—	1	—	—	—	—	—	
291 Main Street, Bonhill	1	—	1	—	—	—	—	—	
373 Main Street, Bonhill	1	—	1	—	—	—	—	—	
19 Random Street, Alexandria	1	—	1	—	—	—	—	—	
<i>Demolition Order—</i>									
42 Croft Street, Bonhill	1	—	1	—	—	—	—	—	
42 Croft Street, Bonhill	1	—	—	1	—	—	—	—	
42 Croft Street, Bonhill	1	—	—	1	—	—	—	—	
100 North Street, Alexandria	1	—	1	—	—	—	—	—	
17 Random Street, Alexandria	1	—	1	—	—	—	—	—	
13 Random Street, Alexandria	1	—	1	—	—	—	—	—	
13 Random Street, Alexandria	1	—	1	—	—	—	—	—	
98 North Street, Alexandria -	1	—	1	—	—	—	—	—	
		13	1	10	2	—	—	—	

MILTON AND BOWLING.

<i>Situation of Property.</i>	<i>No. of</i>		<i>Apartments.</i>						
	<i>Houses.</i>	1	2	3	4	5	6	7	
<i>Closing Order—</i>									
Littlemill, Bowling	-	-	1	—	—	—	1	—	—
			1	—	—	—	1	—	—

RHU AND GARELOCHHEAD.

<i>Situation of Property.</i>	<i>No. of</i>		<i>Apartments.</i>						
	<i>Houses.</i>	1	2	3	4	5	6	7	
<i>Closing Order—</i>									
Rhu House, Rhu	-	-	1	1	—	—	—	—	—
Victoria Place, Clynder	-	-	1	—	—	—	1	—	—
<i>Demolition Order—</i>									
Poplar Cottage, Rhu	-	-	1	—	1	—	—	—	—
Old Fell House, Garelochhead	-	-	1	—	—	1	—	—	—
			4	1	1	1	1	—	—

KILCREGGAN.

<i>Situation of Property.</i>	<i>No. of</i>		<i>Apartments.</i>						
	<i>Houses.</i>	1	2	3	4	5	6	7	
<i>Closing Order—</i>									
Old Kilcreggan Cottages,									
Kilcreggan	-	-	-	1	—	—	—	1	—
Old Kilcreggan Cottages,									
Kilcreggan	-	-	-	1	—	—	—	—	—
				2	—	—	1	1	—

ARROCHAR.

<i>Situation of Property.</i>	<i>No. of</i>		<i>Apartments.</i>						
	<i>Houses.</i>	1	2	3	4	5	6	7	
<i>Closing Order—</i>									
Cairnview, Arrochar	-	-	1	—	—	1	—	—	—
1 Ardmay Cottages	-	-	1	—	1	—	—	—	—
<i>Demolition Order—</i>									
Shore Cottage, Arrochar	-	-	1	1	—	—	—	—	—
Rhuglass, Arrochar	-	-	1	—	1	—	—	—	—
			4	1	2	1	—	—	—

			TWECHAR.							
			No. of	Apartments.						
Situation of Property.			Houses.	1	2	3	4	5	6	7
<i>Closing Order—</i>										
73	Barrhill Rows	-	-	1	—	1	—	—	—	—
74	Barrhill Rows	-	-	1	—	1	—	—	—	—
109	Barrhill Rows	-	-	1	—	1	—	—	—	—
110	Barrhill Rows	-	-	1	—	1	—	—	—	—
113	Barrhill Rows	-	-	1	—	1	—	—	—	—
117	Barrhill Rows	-	-	1	—	1	—	—	—	—
120	Barrhill Rows	-	-	1	—	1	—	—	—	—
157	Barrhill Rows	-	-	1	—	1	—	—	—	—
158	Barrhill Rows	-	-	1	—	1	—	—	—	—
159	Barrhill Rows	-	-	1	—	1	—	—	—	—
160	Barrhill Rows	-	-	1	—	1	—	—	—	—
				11	—	11	—	—	—	—

			LENZIE.							
			No. of	Apartments.						
Situation of Property.			Houses.	1	2	3	4	5	6	7
<i>Closing Order—</i>										
	High Garrowhill	-	-	1	—	—	1	—	—	—
	High Garrowhill	-	-	1	—	1	—	—	—	—
	High Garrowhill	-	-	1	—	1	—	—	—	—
	High Garrowhill	-	-	1	1	—	—	—	—	—
	High Garrowhill	-	-	1	—	1	—	—	—	—
				5	1	3	1	—	—	—

			CASTLECARY.							
			No. of	Apartments.						
Situation of Property.			Houses.	1	2	3	4	5	6	7
<i>Demolition Order—</i>										
	Arns, Castlecary	-	-	1	—	1	—	—	—	—
	Arns, Castlecary	-	-	1	—	1	—	—	—	—
	Arns, Castlecary	-	-	1	—	1	—	—	—	—
	Castlecary, by Bonnybridge	-	-	1	—	1	—	—	—	—
				4	—	4	—	—	—	—

TOTAL ALL AREAS	-	-	75	12	50	10	3	—	—	—
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TABLE XXII.

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)—

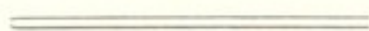
Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	114	194	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	143	169	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	21	92	—	—
Total	278	455	—	—

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)	2	2	—	1	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective Drainage of Floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)— (a) Insufficient	1	1	—	—	—
(b) Unsuitable or Defective	15	15	—	—	—
(c) Not Separate for Sexes	—	—	—	—	—
Other Offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	18	18	—	1	—

Medical Inspection of School Children



1951-1952
(Year ending 31st July, 1952)

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.

ELLEN CUSH, M.B., Ch.B., D.P.H.

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

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

ERIC M. SEWELL, M.B., Ch.B., D.P.H. (Resigned 31/1/52.)

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.),
L.R.F.P.S.(Glas.), D.P.H. (From 24/9/51 to 15/7/52.
Temporarily employed on a sessional basis. From 16/7/52
employed full-time.)

MARION H. C. CORNOCK, M.B., Ch.B., D.P.H. (Com-
menced 1/2/52.)

Chief Dental Officer.

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

Dental Surgeons.

ELIZABETH McKENDRICK, L.D.S. THOMAS HAMILTON, L.D.S.
(Commenced 16/2/52).

Mrs. MARY W. DINN, L.D.S. SHEILA S. SPEIRS, L.D.S.

DOROTHY EDWARD, L.D.S.
(Commenced 16/4/52.)

GRAHAM M. MacKILLOP, L.D.S., D.D.S. (N.W. Univ., U.S.A.)
(Temp. from 21/1/52 to 8/7/52).

Ophthalmic Surgeon.

AMES 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.

Anæsthetist.

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

Nurse in Charge of Orthopædic Clinics.

MORAG T. GALLOWAY.

Orthopædic Assistants.

AGNES McF. MALCOLM. JEAN S. A. HOWATT (part-time)
Mrs. MARGARET S. MACLAGAN.

Nursing Staff.

C. M. JEFFREY.	*A. TAYLOR.
*J. P. SCOTT.	C. DEMPSEY.
†C. T. GAVIN.	M. G. MILLER.
J. McHAFFIE.	A. GEE.
*H. M. HENDERSON (<i>née</i> Stirling). (Resigned 15/10/51).	C. KING.
*M. GILMOUR.	M. CALLANDER.
K. STEVENSON.	E. A. SANDILANDS.
M. M. MACDONALD.	M. CALLAGHAN.
E. M. RANKIN.	A. VEITCH.
Mrs. M. THOMPSON.	Mrs. J. CAMERON.
(Commenced 7/1/52.)	MARY J. GOW.
Mrs. M. W. CHRISTIE.	(Resigned 31/12/51).
(Commenced 16/9/51.)	E. CRAWFORD.
	(Commenced 16/2/52).
A. JOHNSTON. (Commenced 1/3/52.)	

*Employed solely on School Medical Duties.

†Appointed Superintendent of Nurses 5/3/52.

Audiometrician.

CHRISTINA P. ROGERS.

Dental Attendants.

ANNIE S. RAE.	Mrs. J. MASON.
JEAN McD. McGREGOR.	(Commenced 14/2/52.)
(Resigned 31/7/52.)	ELIZABETH KNOX.
Mrs. M. SAMSON.	(Resigned 8/9/51.)
ELIZABETH ROLLO.	

Attendant at Orthopædic Clinics.

MARGARET C. BLACK.

Clerks.

JAMES GALLACHER.	ELIZABETH McFARLANE.
ELIZABETH McLEAN.	ELIZABETH PATERSON.
	(Resigned 5/7/52.)

I N D E X.

	PAGE
Approved Schools, Admission of Children to - - - - -	72
Audiometric Survey - - - - -	90
Children, Examined, Number of - - - - -	78
Defects, Children suffering from - - - - -	78a
Defects, Children free from - - - - -	78b
Dental Inspection and Treatment - - - - -	-69, 80
Ear Examination of 1944 Age Group - - - - -	87
Exceptional School Children, Return of - - - - -	79
Eye Examination of 1944 Age Group - - - - -	87
General Review - - - - -	67, 68, 69
Heights and Weights, Average - - - - -	-74, 75
Milk in Schools - - - - -	71
Minor Ailments, Treatment of - - - - -	88
Ophthalmic Treatment - - - - -	-85, 86
Organisation and Administration of School Medical Services -	67
Orthopædic Treatment - - - - -	86a
Parents Present at Inspection - - - - -	67
Physical Education and Personal Hygiene - - - - -	72
Previous Illnesses - - - - -	76
Sanitary Condition of Schools - - - - -	-66, 67
School Children, Number of - - - - -	65
Schools, Number of - - - - -	65
School Nurse's Report - - - - -	89
Special Schools and Classes - - - - -	-70, 71
Speech Therapy Report - - - - -	91
Staff - - - - -	-62, 63
Systematic Examination of School Children, Results of - -	78a
Tonsils and Adenoids, Results of removal - - - - -	81, 82, 83
Throat, Nose and Ear Clinics - - - - -	84
Ultra Violet Light Treatment - - - - -	-72, 73
Visits by Medical Officers - - - - -	66
Verminous Conditions - - - - -	77

REPORT

ON THE

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

1.—LIST OF STAFF.

(See pages 62 and 63.)

2.—(a) NUMBER OF SCHOOLS.

<i>School Management Area</i>	<i>Number of Schools</i>
Cumbernauld - - -	4
Kirkintilloch - - -	6
New Kilpatrick - - -	5
Old Kilpatrick - - -	13
Dumbarton - - -	7
Vale of Leven - - -	12
Helensburgh - - -	10
Total - - -	57

(b) NUMBER OF CHILDREN ON REGISTER AND IN AVERAGE ATTENDANCES DURING SESSION 1951-52.

<i>School Management Area</i>	<i>Average on Roll</i>	<i>Average Attending</i>	<i>Per Cent.</i>
Cumbernauld - - -	888.0	803.9	90.5
Kirkintilloch - - -	3,632.9	3,320.4	91.4
New Kilpatrick - - -	2,008.5	1,837.5	91.5
Old Kilpatrick - - -	8,551.5	7,843.4	91.7
Dumbarton - - -	4,678.7	4,234.0	90.5
Vale of Leven - - -	3,419.4	3,073.8	89.9
Helensburgh - - -	1,882.6	1,703.2	90.5
Totals - - -	25,061.6	22,816.2	91.0

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	-	-	-	-	-	-	-	-	532
---------------------------	---	---	---	---	---	---	---	---	-----

NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS.

For re-examination of defective children	-	-	-	-	-	-	-	35
For re-examination of backward, mentally or physically defective children	-	-	-	-	-	-	-	55
Attendances at school clinics	-	-	-	-	-	-	-	336
Attendances for office work, etc.	-	-	-	-	-	-	-	133
For inquiry regarding infectious diseases (including scabies)								5
Diphtheria Immunisation	-	-	-	-	-	-	-	79
Others	-	-	-	-	-	-	-	51
								694

SANITARY CONDITIONS OF SCHOOLS.

During the financial year 1951-52 no major improvements were carried out. The Property Committee recommended that the offices at Gartconner School be modernised, but the Education Committee decided to include this work as part of a larger extension to the building. This project has now the approval of the Department and will commence about the end of the year.

During the summer vacation all defective and broken w.c. pans were replaced, and all drinking fountains were overhauled.

The usual limewashing of lavatories was carried out and the woodwork painted where necessary.

A very considerable part of the annual expenditure on the maintenance of school property was again spent on internal decoration, and this, together with an extensive programme of washing down walls, has ensured that the school buildings and lavatories are kept in a good state of repair and cleanliness.

The Visiting Committee again expressed general satisfaction regarding the manner in which janitors and cleaners are carrying out their duties of daily cleaning.

ORGANISATION AND ADMINISTRATION.

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

During the prolonged absence of Dr. Alan Gilmour, Depute County Medical Officer, through illness, the services of the full-time School Medical Officers were utilised to a considerable extent on Public Health duties, and this necessitated the employment, on a sessional basis, of a medical practitioner to assist in the medical inspection and treatment of school children in the Clydebank area.

PARENTS PRESENT AT INSPECTION.

<i>School Management Area</i>	<i>Number of Children Examined</i>	<i>Number of Parents Present at Routine Examinations</i>	<i>Per Cent.</i>
Cumbernauld -	238	95	39.5
Kirkintilloch - -	995	425	42.7
New Kilpatrick -	531	257	48.3
Old Kilpatrick - -	2,441	1,400	57.4
Dumbarton - -	1,369	594	43.4
Vale of Leven - -	1,012	506	50.0
Helensburgh - -	526	236	48.9
Totals - -	7,112	3,513	49.4

GENERAL REVIEW.

Routine inspection was carried out on 7,112 children—an increase of 276 from last year's total.

The number of children examined non-routinely—*i.e.*, at clinics mainly—was 2,414, showing an increase of 621.

PHYSICAL CONDITION.

The percentage of children found to be free from all defects on routine school examination was 49.6, as against the previous session's figure of 54.7. The percentages of children free from defects from the different age groups are as follows:—

Entrants - - - - -	43.8
Second Age Group - - - - -	50.9
Third Age Group - - - - -	55.1
Fourth Age Group - - - - -	60.1

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 1,588, 1,085 more than last session. The increase was general throughout all the age groups.

DEFECTS AND DISEASES.

Clothing.—During the session, 8 children were found to have unsatisfactory clothing.

Footgear.—Only 12 cases of unsatisfactory footwear were noted, an increase of 5 over the previous session.

Uncleanliness.—The percentage of children found to be in a verminous condition of head and/or body shows a slight improvement from last year—6.5 per cent., as compared with 8.5 per cent. in 1950-51. 11.3 per cent. of girls examined were in this category—a decrease of 3.3 per cent. in the year.

Skin Diseases.—Two cases of ringworm of the head were noted, and one case of ringworm of the body.

Impetigo of the head was found in 12, a decrease from last year's total. There was only one case noted of impetigo of the body.

Nutrition.—Only two children were noted as suffering from bad nutrition.

Deformities.—Fewer children were found to have deformities—both of the congenital and acquired types.

In the special eye examination of the 1944 age group, 87 per cent. had normal vision.

SCHOOL DENTAL SERVICE.

ANNUAL REPORT, 1951-52.

The Annual Reports on the School Dental Service over the past four years have painted a dismal picture of a steady decline in the service due to loss of staff. It is therefore heartening to be able to report the appointment of two dental officers in the latter half of the school year, and to note that there are indications that within the next few months the numerical strength may be on a par with that of the pre-National Health era. Once this is an established fact and the arrears of dental treatment have been completed, one can look forward to a steady decrease in the number of teeth extracted and an increase in the number conserved by means of fillings.

With the limitation in some areas of the Routine Dental Inspection in the schools and its complete absence in others, it is impossible to obtain an exact assessment of the true dental condition of the school children throughout the County. On the other hand, from the oral condition seen at the clinics amongst the large number of children seeking treatment, it would appear that dental decay is on the increase.

The number of general anæsthetics administered for the extraction of teeth shows an increase over the previous year, and, despite the "overloading" of the anæsthetic sessions, there existed a waiting list for this method of treatment. The dental staff are unanimous in their appreciation of the service rendered by Dr. F. McIntyre, the anæsthetist.

The yearly statistics are shown in Table V in the manner requested by the Department of Health, although this does

not include all the various types of treatment which we carried out—*e.g.*, the provision of partial dentures, orthodontic appliances, inlay and crowns. Some 200 Röntgenograms (X-ray pictures) were taken, the X-ray machine being made available at four of the main clinics.

A part-time Dental Officer, Dr. Graham M. MacKillop, was appointed to this authority on a sessional basis from 21st January, 1952, to 8th July, 1952. On this latter date his services were dispensed with owing to the aforementioned appointment of two full-time Dental Officers.

F. A. CASSIDY,
Chief Dental Officer.

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 77. There is also an Occupational Centre in the school, with 23 pupils on the roll.

SPECIAL CLASSES.

- (a) For mentally handicapped children—*Whitecrook School, Clydebank*, with 20 on the roll (one class); *Lairdsland School, Kirkintilloch*, with 13 on the roll (one class). Total number of pupils—33.
- (b) For physically handicapped children—*Hartfield School, Dumbarton*, with 24 on the roll (one class).
- (c) For conservation of vision—*Whitecrook School, Clydebank*, with 8 on the roll (one class); *Hartfield School,*

Dumbarton, with 12 on the roll (one class); *Lairdsland School, Kirkintilloch*, with 5 on the roll (one class). Total number of pupils—25.

- (d) For deaf-mute children—*Hartfield School, Dumbarton*, with 5 on the roll (one class).

INSTITUTIONS.

- | | | |
|---|-----------|-----|
| (1) Number of Physically Handicapped children in Institutions paid for by the County Council - | - | 11 |
| (2) Number of Mentally Handicapped children in Institutions paid for by the County Council - | - | Nil |
| (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 |

MEDICAL INSPECTION OF SPECIAL SCHOOLS.

During the present session 84 children (36 boys and 48 girls) were examined. Of these, 50 were mentally defective and 34 physically defective. Twelve children were classified as having slightly defective nutrition, while 5 had bad eyesight. Clothing and footgear were satisfactory in all but 2 cases, and 14 children were found to have a verminous condition of the head and/or body, while 32 children were found to have unhealthy mouths. Twenty-two 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 1951-52 was 20,036 (approximately 79 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 21 children were committed by the Sheriff to the following institutions:—

Balgowan Boys' School, Dundee.

Dalbeth Girls' School.

Dale School, Arbroath.

Dr. Guthrie's School, Gilmerton, 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. Austin's Approved School, Moffat.

St. Joseph's Approved School, Tranent.

St. Mary's Girls' School, Dundee.

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	-	-	-	-	-	269
Total number of attendances	-	-	-	-	-	3,145
Average number of treatments	-	-	-	-	-	12

<i>Cause of Reference</i>	<i>No. of Patients</i>	<i>Number Improved</i>	<i>Condition Unchanged</i>
Bronchitis, etc. - - -	70	41	4
Adenitis - - -	13	1	—
Debility - - -	152	70	4
Asthma - - -	3	3	—
Skin Conditions - - -	5	1	—
Enuresis - - -	2	2	—
Muscular Paresis - - -	1	1	—
Rheumatism - - -	3	—	—
Glands - - -	4	—	—
Others - - -	16	8	—
	269	127	8

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	2749	1863	65.9	1184	43.0	760	24.0	489	17.8	128	4.6	3	0.1	-	-	3	0.1	-	-	825	30.0
Second Age- Group	2159	1729	80.1	1257	58.2	968	44.8	724	33.5	178	8.2	45	2.1	-	-	8	0.3	-	-	740	38.9
Third Age- Group	2001	1815	90.7	1338	66.9	1054	52.7	856	42.8	244	12.2	106	5.3	-	-	22	1.1	-	-	770	38.5
Fourth Age- Group	203	181	89.2	136	66.9	127	62.6	99	48.8	40	19.7	9	4.4	-	-	1	0.5	-	-	75	36.9
TOTAL	7112	5588	78.7	3915	55.0	2909	40.9	2168	30.5	590	8.3	163	2.3	-	-	34	0.5	-	-	2410	33.9

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	99	139	238	—	11	11	—	7.9	4.6
Kirkintilloch	515	480	995	5	23	28	0.9	4.7	2.8
New Kilpatrick	251	280	531	—	—	—	—	—	—
Old Kilpatrick	1243	1198	2441	39	174	213	3.1	14.5	8.7
Dumbarton	662	707	1369	16	120	136	2.4	16.9	9.9
Vale of Leven	511	501	1012	3	71	74	0.6	14.2	7.3
Helensburgh	259	267	526	—	4	4	—	1.5	0.8
Total	3540	3572	7112	63	403	466	1.7	11.2	6.5

TABLE I.

(A) TOTAL NUMBER OF CHILDREN EXAMINED AT:—

					<i>Systematic Examinations</i>	<i>Other Systematic Examinations</i>
	Entrants	-	-	-	2,749	
ORDINARY	Second age group	-	-	-	2,159	
SCHOOLS.	Third age group	-	-	-	2,001	
						2,414
SECONDARY						
SCHOOLS.	Fourth age group	-	-	-	203	
					7,112	2,414

(B) OTHER EXAMINATIONS:—

Special Cases	-	-	-	-	-	-	51
Re-inspection by Medical Officer	-	-	-	-	-	-	35
Total	-	-	-	-	-	-	86

NUMBER OF INDIVIDUAL CHILDREN INSPECTED AT SYSTEMATIC EXAMINATIONS WHO WERE NOTIFIED TO PARENTS AS REQUIRING TREATMENT (EXCLUDING UNCLEANLINESS AND DENTAL CARIES):—

Entrants	-	-	-	-	-	-	735
Second age group	-	-	-	-	-	-	407
Third age group	-	-	-	-	-	-	412
Secondary age group	-	-	-	-	-	-	34
Other systematic examinations	-	-	-	-	-	-	—
Total	-	-	-	-	-	-	1,588

TABLE II.—SYSTEMATIC EXAMINATIONS
TOTAL EXAMINED AT ALL AGES—7,112

Total Examined in Each Age Group By Sexes	Entrants			Second Age Group				Third Age Group				Fourth Age Group				All Ages				Non-Rou- tine 2414
	1397		1392	1070		1089	979		1022	94		109	3540		3572	Girls	%			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%						
No. showing Defects	2	0.1	1	0.1	3	0.3	2	0.2	—	—	—	—	—	—	—	—	—			
Nature of Defect—																				
1. Clothing Unsatisfactory	2	0.1	1	0.1	3	0.3	2	0.2	—	—	—	—	—	—	—	—	—			
2. Foots or Unsatifactory	1	0.1	—	—	6	0.6	2	0.2	1	0.1	2	0.2	—	—	—	—	—			
3. Uncleanliness—	16	1.1	99	7.3	19	1.8	125	11.5	8	0.8	165	16.1	—	—	—	—	—			
(a) Head	4	0.3	5	0.4	6	0.6	5	0.5	10	1.0	4	0.4	—	—	—	—	—			
(b) Body	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
4. Skin—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Ringworm	—	—	3	0.2	4	0.4	4	0.4	—	—	—	—	—	—	—	—	—			
(b) Impetigo	19	1.4	16	1.2	8	0.7	8	0.7	6	0.6	12	1.2	5	5.3	—	—	—			
Other Diseases—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(b) Body—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Ringworm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Impetigo	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Other Diseases—	26	1.9	18	1.3	12	1.1	6	0.6	20	2.0	21	2.1	4	4.3	5	4.6	5			
5. Defective Nutrition—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Slightly Defective	28	2.0	42	3.1	38	3.6	50	4.6	33	3.3	31	3.0	1	1.1	1	—	—			
(b) Bad	—	—	1	0.1	1	0.1	—	—	—	—	—	—	—	—	—	—	—			
6. Mouth and Teeth Un—	373	26.7	351	25.8	258	24.1	233	21.4	177	18.1	183	17.9	15	13.8	824	23.3	782			
7. Nasality—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Nose—	90	6.4	55	4.1	20	1.1	20	1.8	9	0.9	5	0.5	1	1.1	—	—	—			
1. Obst. Req. Ob.	96	6.9	76	5.6	19	1.8	18	1.7	5	0.5	4	0.4	—	—	—	—	—			
2. Obst. Req. Oper.	54	3.9	40	3.0	22	2.1	13	1.9	13	1.9	14	1.4	2	2.1	—	—	—			
3. Other Conditions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
8. Throat—	220	15.7	192	14.1	68	6.4	90	8.3	59	6.0	73	7.1	2	2.1	4	3.7	349			
(a) Throat Req. Ob.	154	11.0	153	11.3	38	3.6	50	4.6	25	2.6	45	4.4	—	—	—	—	—			
2. Glands—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
1. Requiring Ob.	4	0.3	24	1.8	14	1.3	15	1.4	10	1.0	2	0.2	—	—	1	0.9	65			
2. Requiring Oper.	41	2.9	7	0.5	2	0.2	—	—	2	0.2	—	—	—	—	8	0.2	42			
8. Eye Conditions—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) External Condi-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Blepharitis	11	0.8	9	0.7	11	1.0	13	1.2	9	0.9	8	0.8	—	—	—	—	—			
Conjunctivitis	4	0.3	3	0.2	3	0.3	1	0.1	1	0.1	—	—	—	—	—	—	—			
Corneal Opacities	33	2.4	52	3.8	16	1.5	41	3.8	7	0.7	18	1.8	2	2.1	1	0.9	58			
Strabismus	3	0.2	10	0.7	6	0.6	2	0.2	5	0.5	3	0.3	—	—	—	—	—			
(b) Vision Acuity—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
1. Bad Vision, 6/18 or worse	13	0.9	5	0.4	79	7.4	77	7.1	74	7.6	83	8.1	11	11.7	11	10.1	177			
2. Bad Vision, 6/18 or worse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
3. Recommended for refraction	54	3.9	67	4.5	161	15.0	179	16.4	203	20.7	209	20.4	24	25.5	18	16.5	442			
9. Ear Conditions—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Diseases—	6	0.4	4	0.3	6	0.6	2	0.2	5	0.5	2	0.2	—	—	—	—	—			
1. Other Diseases	5	0.4	15	1.1	6	0.6	5	0.5	3	0.3	4	0.4	—	—	—	—	—			
(b) Defective Hearing—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Grade I	7	0.5	2	0.1	1	0.1	1	0.1	1	0.1	1	0.1	—	—	—	—	—			
Grade IIA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Grade IIB	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Grade III	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
10. Defective Speech—	14	1.0	5	0.4	9	0.8	5	0.5	3	0.3	1	0.1	—	—	—	—	—			
Deaf Stammering	1	0.1	4	0.3	2	0.2	2	0.2	—	—	—	—	—	—	—	—	—			
11. Mental and Nervous Conditions—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Backward	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(b) Dull (Intrinsic/ly)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(c) Ment. Deficient	—	—	1	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
(d) Ment. Deficient (Ineducable)	—	—	1	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
(e) Highly Nervous or Unstable	1	0.1	1	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—			
(f) Difficult in Behaviour	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
12. Heart Conditions—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Organic Heart Disease—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
1. Congenital	3	0.2	5	0.4	2	0.2	2	0.2	2	0.2	2	0.2	1	1.1	—	—	—			
2. Acquired	1	0.1	—	—	1	0.1	3	0.3	4	0.4	7	0.7	—	—	—	—	—			
(b) Functional Conditions	5	0.4	3	0.2	4	0.4	2	0.2	3	0.3	2	0.2	—	—	—	—	—			
13. Lung Conditions—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Chronic Bronchitis	24	1.7	8	0.6	5	0.5	7	0.6	1	0.1	7	0.7	—	—	—	—	—			
(b) Sus. Tuberculosis	5	0.4	1	0.1	1	0.1	2	0.2	—	—	—	—	—	—	—	—	—			
(c) Other Diseases	68	4.9	49	3.6	47	4.4	21	1.9	30	3.1	22	2.2	1	0.9	145	4.1	93			
14. Deformities—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(a) Congenital	6	0.4	3	0.2	2	0.2	1	0.1	1	0.1	—	—	—	—	—	—	—			
(b) Acquired (Infantile Paralysis, etc.)	1	0.1	—	—	1	0.1	—	—	—	—	—	—	—	—	—	—	—			
(c) Acquired (Rheumatism, etc.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
(d) Acquired (Other Causes)	37	2.6	25	1.8	25	2.3	10	0.9	29	3.0	10	1.0	4	4.3	1	0.9	95			
15. Infectious Diseases	7	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
16. Other Diseases and Defects	94	6.7	61	4.5	64	6.0	59	5.4	46	4.7	39	3.8	5	5.3	2	1.8	209			

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	....	—	1	—	1
2. Partially Sighted— (a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition	....	—	20	—	20
(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	....	—	5	—	5
3. Deaf—Grade I	....	* 33	—	—	33
Grade IIA	....	* 21	—	—	21
Grade IIB	....	* 3	—	—	3
Grade III	....	—	4	—	4
4. Defective Speech— (a) Defects of articulation requiring special educational measures	....	† 385	26	—	411
(b) Stammering requiring special educational measures	....	† 137	6	—	143
5. Mentally Defective (Children between 5 and 16 years)— (a) Educable (I.Q. approx. 50-70)	....	—	110	—	110
(b) Ineducable (I.Q. generally less than 50)	....	—	23	—	23
6. Epilepsy— (a) Mild and occasional	....	—	—	—	—
(b) Severe (suitable for care in a residential school)	....	—	—	—	—
7. Physically Defective (Children between 5 and 16 years)— (a) Non-pulmonary tuberculosis (excluding cervical glands)	....	—	4	—	4
(b) General orthopaedic conditions	....	—	21	—	25
(c) Organic heart disease	....	—	7	—	7
(d) Other causes of ill-health	....	—	—	2	2
8. Multiple Defects— (a) Mentally defective (educable) and epilepsy (mild)	....	—	1	—	1
(b) Mentally defective (ineducable) and epilepsy (mild)	....	—	—	—	—
(c) Mentally defective (educable) and partially sighted (refractive error)	....	—	1	—	1
(d) Physically defective (other causes of ill-health) and partially sighted (refractive errors)	....	—	1	—	1
Total	....	579	230	6	815

* Pupils examined at Routine Medical Inspection during the session.

† Children attending Speech Therapy Clinics during the session.

TABLE V.

DENTAL INSPECTION AND TREATMENT.

(1) Inspected by the Dental Officers:—				(a) <i>Systematic Examinations</i>	(b) <i>Special Emergency Cases</i>	TOTAL
<i>Age</i>						
5	-	-	-	396	450	846
6	-	-	-	589	443	1,032
7	-	-	-	541	416	957
8	-	-	-	241	343	584
9	-	-	-	403	342	745
10	-	-	-	355	279	634
11	-	-	-	81	264	345
12	-	-	-	69	236	350
13	-	-	-	49	227	276
14	-	-	-	15	185	200
15	-	-	-	14	95	109
15+	-	-	-	—	53	53
				2,753	3,333	6,086

	<i>Systematic Examinations</i>	<i>Special or Emergency Cases</i>	TOTAL
(2) Found to require treatment - - -	2,139	3,331	5,470
(3) Actually treated by School Dental Officers - - -	1,371	2,903	4,274
(4) Number of attendances made by children for treatment -	4,928	9,008	13,936
(5) Fillings—			
(a) Permanent teeth	1,927	2,075	4,002
(b) Temporary teeth	124	239	363
(6) Extractions—			
(a) Permanent teeth	506	1,194	1,700
(b) Temporary teeth	2,569	4,841	7,410

TABLE III.—SYSTEMATIC 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	1203	43·8	1101	50·9	1102	55·1	122	60·1	3528	49·6
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	24	0·9	149	6·9	170	8·5	27	13·3	370	5·2
(b) Conditions of the Mouth and Teeth requiring treatment	345	12·5	309	14·3	227	11·3	17	8·3	898	12·6
(c) Both (a) and (b)	2	—	46	2·1	32	1·6	6	2·9	86	1·2
Total	371	13·5	504	23·3	429	21·4	50	24·6	1354	19·0
III.—Children suffering from Ailments (other than those mentioned in II) from which complete recovery is expected within a few weeks	1066	38·8	473	21·9	378	18·8	24	11·8	1941	27·3
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	90	3·3	63	2·9	72	3·6	5	2·5	230	3·2
(b) Where improvement only is considered possible, <i>e.g.</i> , without complete restoration of function	19	0·7	18	0·8	20	1·0	2	1·0	59	0·8
Total	109	2·4	81	3·8	92	4·0	7	3·4	289	4·1
Total Number of Children Examined	2749	—	2159	—	2001	—	203	—	7112	—

TABLE I

TABLE III. SYSTEMATIC MEDICAL EXAMINATIONS

No.	Name	Examination				Remarks
		General	Special	Physical	Chemical	
1	John Doe	100	100	100	100	Normal
2	Jane Smith	100	100	100	100	Normal
3	Robert Brown	100	100	100	100	Normal
4	Mary White	100	100	100	100	Normal
5	William Black	100	100	100	100	Normal
6	Elizabeth Green	100	100	100	100	Normal
7	Thomas Gray	100	100	100	100	Normal
8	Patricia King	100	100	100	100	Normal
9	Charles Lee	100	100	100	100	Normal
10	Sarah Hall	100	100	100	100	Normal
11	James Adams	100	100	100	100	Normal
12	Anna Miller	100	100	100	100	Normal
13	George Taylor	100	100	100	100	Normal
14	Frances Wilson	100	100	100	100	Normal
15	Edward Moore	100	100	100	100	Normal
16	Barbara Clark	100	100	100	100	Normal
17	Frank Lewis	100	100	100	100	Normal
18	Grace Young	100	100	100	100	Normal
19	Harold King	100	100	100	100	Normal
20	Elizabeth King	100	100	100	100	Normal

(1) General Examination
 (2) Special Examination
 (3) Physical Examination
 (4) Chemical Examination

	<i>Systematic Examinations</i>	<i>Special or Emergency Cases</i>	<i>TOTAL</i>
(7) Number of administrations of a general anæsthetic for extractions - - -	383	610	993
(8) Other operations—			
(a) Permanent teeth	1,434	1,933	3,367
(b) Temporary teeth	241	180	421
(9) Half-days devoted to—			
(a) Inspection - -	55	1	56
(b) Treatment - -	589	988	1,577
(10) Children treated under private arrangements	No reliable information available.		

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS.

The following tables show the results of special inquiries into the conditions following the removal of tonsils and/or adenoids. Children are examined one year after operation and the details of this examination are shown on Table A. The figures shown are the totals since session 1932-33. See Annual Report, 1932-33, pages 42-43.

As it has been suggested that the removal of tonsils and/or adenoids results in little permanent benefit, a further examination was made of pupils who had been operated on a considerable number of years before. During the present session there were 142 children re-examined at the age of 14 or 16 years who had tonsils and adenoids, or tonsils only, or adenoids only, removed previously. Of these, 136 were found to be absolutely satisfactory, the remaining 6 showed evidence of rheumatism or chorea, asthma, bronchial trouble, deafness or otorrhœa. Table B shows details of this investigation.

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS
(TABLE A)

	Tonsils and Adenoids Removed				Adenoids only Removed			
	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Totals	Result Satisfactory	Result Moderately Satisfactory	Result Unsatisfactory	Totals
	Number Percentage	.....	.....	.....	.....	.....	.....	.....
Mouth Breathing	3950 171 3816 2	899 219 729 16	258 159 105 1	5107 549 4650 19	341 48.3	227 32.1	138 19.5	706 —
Deafness	706 68 646 11	262 132 133 5	74 57 17 6	1042 257 796 22	195 30 166 5	43 17 26 —	21 15 7 1	259 62 199 6
Discharging Ears	605 72 514 31	211 117 102 35	533 180 353 13	1349 369 969 79	55 13 43 1	24 8 16 5	15 11 4 5	94 32 63 11
Discharging Nose	2094 154 1962 35	529 315 236 39	193 169 25 21	2816 638 2223 95	184 18 165 —	82 52 30 6	87 81 7 5	353 151 202 11
Susceptibility to Colds and/or Sore Throats	4582 230 4548 15	972 394 735 12	273 204 83 13	5827 828 5366 40	241 21 221 —	96 19 77 —	105 89 17 3	442 129 315 3
Enlarged Glands	2531 102 2473 10	682 129 589 9	99 34 68 5	3312 265 3130 24	47 13 34 —	17 4 13 —	33 23 10 4	97 40 57 4
Rheumatism or Chorea	191 48 143 53	89 43 46 41	14 8 6 6	294 99 195 100	10 7 3 2	1 1 — 4	— — — —	11 8 3 6

RESULTS OF REMOVAL OF TONSILS AND/OR ADENOIDS
(TABLE B)

Number of Years After Operation	Number of Cases	Satisfactory		Unsatisfactory		Reason for Classification as Unsatisfactory						
						Rheuma- tism	General Health Unsatis- factory	Asthma	Bronchial Con- ditions	Nasal Catarrh	Deafness	Otorrhoea
		No.	%	No.	%							
10 or more	14	14	100.0	—	—	—	—	—	—	—	—	—
9	12	12	100.0	—	—	—	—	—	—	—	—	—
8	18	17	94.4	1	5.5	—	—	—	—	1	—	—
7	28	26	92.7	2	7.1	—	2	—	—	—	—	—
6	18	16	88.8	2	11.1	—	—	1	—	1	—	—
5 or less	52	51	98.1	1	1.7	—	—	—	—	—	—	1
Totals	142	136	95.7	6	4.2	—	2	1	—	2	—	1

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	414	5 179*	651	233	59	292	306	89	395	953	332	1285
Number of Children Operated On	192	28 50*	270	100	12	112	243	77	320	535	167	702
Attendance with Ambulance	—	—	—	100	12	112	243	77	320	343	89	432
Home Visits for After Care	—	—	—	200	24	224	—	—	—	200	24	224
Nature of Operation—												
Excision of Tonsils and Adenoids	192	27 48*	267	100	12	112	238	76	314	530	163	693
Excision of Tonsils Only	—	1	3	—	—	—	—	1	6	—	4	9
Excision of Adenoids Only	—	2*	—	—	—	—	—	—	—	—	—	—
Others	—	—	—	—	—	—	—	—	—	—	—	—
Causation—												
Discharging Ears	35	6	41	—	—	—	54	2	56	89	8	97
Tonsils Much Enlarged	270	148	418	—	—	—	182	54	236	452	202	654
Deafness	30	20	50	1	1	2	28	1	29	59	22	81
Obstructed Breathing and Deafness	7	2	9	—	—	—	11	1	12	18	3	21
Rhinitis	230	149	379	18	6	24	205	27	232	453	182	635
Tonsillitis	246	152	398	2	—	2	62	5	67	310	157	467
Enlarged Glands	229	127	356	72	6	78	186	54	240	487	187	674
Bronchitis	203	105	308	—	—	—	158	50	208	361	155	516
Otorrhoea	21	9	30	—	—	—	14	—	14	35	9	44
Tonsils and Adenoids	287	164	451	4	—	4	—	—	—	4	—	4
Adenoids	3	5	8	—	—	—	—	—	—	287	164	451
Various	113	115	228	2	—	2	34	5	39	3	5	8
Results—												
Progress Definite and Rapid	—	—	—	96	11	107	144	27	171	240	38	278
Progress Retarded	—	—	—	4	1	5	2	—	2	6	1	7
Still Awaiting Examination	—	—	—	127	20	147	125	43	168	252	63	315
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	122	118	18	35	81	73	41	36	121	142	59	69
Defective Vision too Slight to benefit from Spectacles	20	21	3	5	30	25	10	18	24	25	4	14
Defective Vision Treated Otherwise	7	16	1	—	12	23	5	5	6	9	1	5
Total Number of Children Examined	149	155	22	40	123	121	56	59	151	175	64	88
Re-examinations	86	125	—	—	19	32	29	28	41	28	13	18

Total Number of Children Examined—1203.

ORTHOPEADIC TREATMENT

DEFORMITY OR DISEASE

Clinic	Response to Treatment	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Kirkintilloch	Good	1	—	1	—	—	—	1	3	4	—	1	1	1	—	—	7	21	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Treatments at Cardross Park—Closed 7/11/51.

Treatments at Dumbarton—Physically Handicapped commenced—12/10/51.

NUMBER OF TREATMENTS GIVEN

Clydebank	3910	Helensburgh and Cardross Park Home	1260
Dumbarton (including Vale of Leven)	3713	Bearsden	1794
Kirkintilloch	2739	Dumbarton Physically Handicapped	162

Date		Description		Amount	
1911	Jan 1	Balance		100.00	
1911	Jan 15	Received from A. B. C.		50.00	
1911	Feb 1	Received from D. E. F.		25.00	
1911	Mar 1	Received from G. H. I.		75.00	
1911	Apr 1	Received from J. K. L.		100.00	
1911	May 1	Received from M. N. O.		150.00	
1911	Jun 1	Received from P. Q. R.		200.00	
1911	Jul 1	Received from S. T. U.		250.00	
1911	Aug 1	Received from V. W. X.		300.00	
1911	Sep 1	Received from Y. Z. A.		350.00	
1911	Oct 1	Received from B. C. D.		400.00	
1911	Nov 1	Received from E. F. G.		450.00	
1911	Dec 1	Received from H. I. J.		500.00	
1911	Dec 31	Balance		1000.00	

Received of A. B. C. - 50.00

Received of D. E. F. - 25.00

Received of G. H. I. - 75.00

Received of J. K. L. - 100.00

Received of M. N. O. - 150.00

Received of P. Q. R. - 200.00

1944 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	1232	—	1162	—	2394	—
Normal Vision	1075	87·3	1037	89·2	2112	87·0
Slight Defect (Both Eyes)	35	2·8	44	3·8	79	3·3
Marked Defect (Both Eyes)	18	1·5	11	0·9	29	1·2
Slight Defect (One Eye)	64	5·2	53	4·6	117	4·9
Marked Defect (One Eye)	18	1·5	14	1·2	32	1·3
Unreliable Results	18	1·5	4	0·3	22	0·9
Number of Children found Wearing Glasses	38	3·1	45	3·9	83	3·4
Strabismus	30	2·4	38	3·3	68	2·8
Blepharitis	3	0·2	1	0·1	4	0·2
Conjunctivitis	—	—	—	—	—	—
Corneal Ulcers or Opacities	—	—	—	—	—	—
Others	2	0·1	2	0·2	4	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.

1944 AGE GROUP—EAR EXAMINATIONS

	Total Number of Children Examined	Normal Hearing		Defective Hearing				Otorrhoea	Otitis Media	Others
				Grade II		Grade III				
		No.	%	No.	%	No.	%			
Boys	1232	1217	98·8	15	1·2	—	—	1	1	—
Girls	1162	1144	98·5	18	1·5	—	—	2	1	—
Total	2394	2361	98·5	33	1·4	—	—	3	2	—

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

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

TREATMENT OF MINOR AILMENTS

District	Nurse	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.)	DISEASE OF THE SKIN							Cases referred to Family Doctor or Hospital
									Ringworm of the Scalp	X-ray Treatment	Other Treatment	Ringworm of the Body	Scabies	Impetigo	Other Diseases	
Cumbernauld ...	C. Dempsey ...	597	879	22	82	519	12	9	—	—	—	—	—	3	7	—
Kirkintilloch ...	C. M. Jeffrey ... M. G. Miller ... A. Veitch ...	242 132 210	414 132 234	2 — 10	36 — 6	34 2 8	40 — 28	32 — 6	— — —	— — —	— — —	— — —	— — —	— — —	136 130 168	— — 14
Twechar & Croy	A. Gee ...	1334	2950	90	78	904	74	38	—	—	—	3	2	193	38	50
New Kilpatrick	C. S. L. King ... K. S. Stevenson ...	122 3	267 7	17 2	15 —	297 —	— —	— —	— —	— —	— —	— —	— —	— —	5 —	6 —
Milngavie ...	M. W. Christie	396	523	39	37	294	76	16	—	—	2	—	—	3	4	15
Duntocher ...	M. M. Macdonald	447	667	16	36	352	12	7	—	—	—	—	12	2	51	6
Old Kilpatrick and Milton ...	M. Callaghan ...	158	160	16	33	132	15	6	—	—	—	—	1	5	—	12
Clydebank ...	J. P. Scott ... A. Johnston ... E. Crawford ...	198 368 65	333 653 133	63 17 70	6 41 6	18 57 7	42 108 35	— 9 —	— — —	— — —	— — —	— — —	— 2 2	2 9 1	144 183 76	2 2 —
Dumbarton ...	M. Gilmour ... A. Taylor ...	459 340	913 1104	— 16	31 58	217 129	85 64	— 27	— —	— —	— —	— —	— —	28 39	67 81	— 4
Renton and Cardross ...	E. M. Rankin ...	660	919	7	45	636	10	9	—	—	—	—	—	—	2	—
Vale of Leven	M. Callander ... J. Cameron ... M. Thompson ...	— — 144	— — 144	— — —	— — 6	— — 60	— — 64	— — —	— — —	— — —	— — 3	— — —	— — —	— — —	— — 10	— — 2
Helensburgh ...	E. A. Sandilands J. McHaffie ...	— 51	— 63	— 3	— —	— 7	— 3	— —	— —	— —	— —	— —	10	—	39	—
All other Western Portions of the County	District Nurses ...	86	120	74	24	10	—	—	7	—	9	—	—	2	24	29

REPORT BY SCHOOL NURSES

District	Nurse	No. of Children Examined for first Time	No. of dren Re-ex-aminated	Total No. of dren Ex-aminated	Vermin or Nits on Head	CAUSES OF REFERENCE					No. of Visits Paid to Schools	No. of Visits Paid to Homes
						Vermin or Nits on Body	Vermin Sus-pected	Unsatis-factory Cloth-ing	Unsatis-factory Foot-wear	Others		
Cumbernauld	C. Dempsey	414	328	742	15	—	—	5	—	—	37	10
Kirkintilloch	C. M. Jeffrey M. G. Miller A. Veitch	8 60 283	56 110 95	144 170 373	7 17 8	— — —	— — —	— — 4	— — —	— — 3	5 6 9	4 4 10
Twechar and Croy	A. Gee	206	908	1114	26	—	8	4	2	—	20	122
New Kilpatrick	C. S. L. King K. S. Stevenson	234 132	28 20	262 152	19 24	— —	— —	— —	— —	2 60	12 7	6 5
Milngavie	M. W. Christie	59	1033	1092	22	—	—	—	—	158	51	96
Duntocher	M. M. Macdonald	78	405	483	30	—	—	—	—	—	22	20
Old Kilpatrick and Milton	M. Callaghan	105	1776	1881	17	—	4	6	—	—	33	27
Clydebank	J. P. Scott A. Johnston E. Crawford	98 62 158	904 940 1264	1002 1002 1422	63 47 146	— — —	8 3 4	12 15 8	10 4 —	2 6 —	40 36 37	57 63 56
Dumbarton	M. Gilmour A. Taylor	606 109	1452 5848	2058 5957	487 34	— —	— —	33 4	29 10	9 —	30 60	49 60
Renton and Cardross	E. M. Rankin	370	6045	6415	—	—	—	—	—	—	27	5
Vale of Leven	M. Callander J. Cameron M. Thompson	200 82 23	317 708 1821	517 790 1844	7 25 10	— — —	— — 4	— — 2	— — 1	2 1 7	5 32 20	16 39 7
Helensburgh	J. McHaffie E. A. Sandilands	139 226	687 1042	826 1268	7 —	— —	— —	3 —	— —	— 6	8 39	9 8
All other Western Portions of the County	District Nurses	157	1961	2118	26	—	—	8	1	—	55	69

RESULTS OF AUDIOMETRIC SURVEY

Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Showing Loss	Grade				Case Referred for					
					I	IIa	IIb	III	S.M.O.	E.N.T. Examination	Special Seating	Hearing Aid	Medical Treatment	No Action
1937	*1253	1252	1236	16	8	7	1	—	8	6	7	—	7	7
1942	*1583	1448	1420	28	21	7	—	—	10	3	—	—	12	2
1943	*1668	1543	1530	13	4	7	2	—	7	6	2	2	6	—
Children Born Outwith Age-Groups	149	121	92	29	14	8	2	4	19	9	15	2	3	4

* Figures incomplete for 1951-52.
Will be added to 1952-53 Report.

SPEECH THERAPY REPORT.

STATISTICS SUMMARY—1951-52

CLINIC or SCHOOL	No. on Roll 30/6/51	Left	Discharged		Transferred		Admitted	No. on Roll 30/6/52
			Cured	Non-Co-op.	In	Out		
Bank Street	20	1	9	3	9	5	13	24
Bonhill	7	—	2	—	—	2	5	8
Cardross	8	—	6	—	2	1	3	6
Clyde St., Helensburgh	21	2	11	3	1	—	9	15
Clydebank High School	4	2	6	1	1	2	11	5
Cumbernauld	10	1	6	—	—	—	13	16
Duntocher	15	1	4	1	1	3	8	15
Hartfield	25	—	13	3	6	3	19	31
Hillfoot	7	—	10	1	5	3	14	12
Gavinburn	6	—	4	—	—	1	6	7
Kirkintilloch	26	5	13	3	3	5	22	25
Kilbowie	16	—	17	1	2	2	22	20
Knoxland	4	—	4	—	1	—	6	7
Jamestown	4	—	3	—	2	1	4	6
Holy Cross, Croy	8	—	11	—	—	—	18	15
Lenzie Academy	9	2	5	1	—	—	9	10
Levenvale	8	—	1	1	1	—	1	8
Milton	17	1	6	1	5	2	13	12
Milngavie	16	—	12	—	2	1	13	18
Moss Cottage	25	1	13	2	1	6	23	27
Millar Street	—	1	2	1	5	2	13	12
Renton	14	1	5	—	—	4	13	17
St. Joseph's, Helensburgh	6	2	5	—	—	—	7	6
St. Ninian's	16	3	9	—	3	—	8	15
St. Stephen's	19	1	6	—	1	3	19	29
Twechar	12	—	5	3	—	—	11	15
Westerton	8	—	6	—	—	3	6	5
Whitecrook	36	5	6	8	4	6	21	36
Total	367	29	200	33	55	55	324	429

Details of Procedure are as shown in the Reports for 1948-49

REPORT BY SANITARY INSPECTOR IN THE WESTERN AREA.

HEALTH DEPARTMENT,
ALEXANDRIA.

LADIES AND GENTLEMEN,

In accordance with instruction laid down by the Department of Health, I have pleasure in submitting report for year ending 31st December, 1951.

GENERAL SANITATION.

WATER SUPPLIES.

During the year 16 samples were taken for chemical and bacteriological analysis. Six were taken for bacteriological analysis and 2 for chemical analysis only, a total of 24 samples. Of these, 10 were found to be highly satisfactory, 4 were unsatisfactory, 5 were bacteriologically unsatisfactory and 6 were suspicious.

In connection with the proposed Regional Water Scheme, 8 of the above samples were taken from an area in Auchentullich Bay, Loch Lomond, from which a supply might be pumped to augment the Loch Finlas supply. All of these samples were either unsatisfactory or suspicious bacteriologically.

In 3 instances where analyses were unsatisfactory, arrangements are in hand to replace the present private supply by connection to the extended Public Gravitation Supply in Kilmaronock Parish and 3 further cases of connection to Gravitation Supplies pending from the previous year were completed.

DRAINAGE.

Several house drains were connected to main sewers in Special District, and only a few outstanding cases now remain to be connected. The scheme for the introduction of water supplies and modern conveniences to the Luss Estates houses in Tarbet has not yet materialised, but it is hoped that a start will be made at an early date.

All drainage from new houses and other buildings completed during the year was inspected and smoke-tested.

RIVERS POLLUTION.

The rivers and streams in the area have been entirely free from complaints of fish poisoning during the year. With a view to ascertaining the likely effect on fish life of any probable discharge from a new de-rusting process introduced by a firm of manufacturers at Strathleven Industrial Estate, 2 samples of the solution used in the process were taken for analysis. One sample was of the undiluted liquid and the other of a 2-1 dilution. Both were found to contain an enormous quantity of phosphoric acid and an unknown and unidentified chemical of the class known as reducing agents, and to be entirely unsuitable for discharge to a river. A sample taken from a river at a point near a sand quarry revealed the amount of sand in the water to be trivial and only sufficient to impart a slight opalescence to the liquid.

NUISANCES.

During the year 154 intimations under Section 19 of the Public Health (Scotland) Act, 1897, were served on the authors of nuisances within the area. With regard to the emission of smoke and grit from a factory chimney, continued from the previous year, a boiler of larger capacity was installed during the year, and the mechanical blower previously necessary for the smaller type boiler was discarded. A decided improvement is noticeable and there has been no further complaint of grit deposit in the surrounding premises.

SCHOOLS.

All schools in the area were found on inspection throughout the year to be maintained in satisfactory condition, from a public health point of view.

BURIAL GROUNDS.

Burial grounds are maintained in a generally satisfactory condition.

COMMON LODGING HOUSES.

There are no common lodging houses in the area.

SCAVENGING.

VALE OF LEVEN AND RENTON SPECIAL SCAVENGING DISTRICT.

During the year this absolutely essential service continued to be performed in a satisfactory manner, despite the difficulty of maintaining staff owing to the higher wages which can be obtained in productive industry. Unfortunately, the desire of the Ministry to promote schemes for the collection of waste paper, scrap metal, etc., was after consideration by the Committee not agreed to, thus losing a very valuable source of revenue. The service is maintained by the employment of 7 scavenging vehicles, 2 of which are nearing the end of their usefulness, while 1 new Karrier has been added to the fleet. All vehicles are repaired when necessary and kept in commission by a mechanic employed in the Department.

A service was given to various individual houses in the Kilmaronock Area, which, while not being within the actual Special Districts of Gartocharn or Croftamie, were on the route followed by the refuse collecting wagon on its rounds of these districts and a nominal charge is made for this service. The winter months called for gritting of frost-bound roads in the Vale of Leven area, but snowfall was light and did not interfere unduly with the service.

5,048 loads of household refuse and street sweepings were collected and removed to Pillanflats and Auchencarroch Coups from the combined area.

The proposed alterations at Leven Street Stores to provide additional garage accommodation have now been carried out and the improvement is satisfactory.

GARELOCH SPECIAL SCAVENGING DISTRICT.

The extensions to the above combined District, to take in Portincaple, Whistlefield, Ardmay and Camsail, took effect at May, 1951, and a further extension in the Rosneath area to include Portkil Camp has been agreed to. This will take effect as from May, 1952.

The collection of refuse in the 6 areas comprising the Gareloch District is being satisfactorily carried out by three contractors at a total cost of £2,196 10s. per annum, and coups are maintained by them in a satisfactory condition.

LIGHTING.

The number of Special Lighting Districts within the area has not increased during the year, although it had been proposed to form a Special Lighting District in Clynder and Rosneath Area. The sanction of the Ministry of Transport was not granted to borrow the necessary capital expenditure involved and the proposal is meantime held in abeyance. The erection of lamp brackets and lanterns in the Gartocharn and Croftamie areas was completed during October, but service connections from overhead cables to lamps have not yet been made by the Hydro-Electric Board and the villages are still without lighting. The Luss scheme was completed and came into operation early in the year and has been giving every satisfaction. Seven additional lighting points were provided in Cardross area at a cost of £200 during the year, and a considerable improvement was effected.

The final approval by the Ministry of Transport of the proposed Group 1 Lighting of the Trunk Road, Route A.82, within the Vale of Leven District, was granted subject to the omission of 9 proposed lamps on Luss Road between Balloch Road and Woodbank Hotel, and the tender of the Metropolitan Electrical Company for the erection of the other 89 lamps was finally approved by the Ministry. Materials are now arriving and it is hoped that the new scheme of lighting with sodium discharge lamps at 25 feet mounting height will be in operation early in the New Year. The undernoted shows the number of lamps in Special Districts within the area:—

<i>District</i>					<i>No. of Lighting Points</i>		<i>Method of Lighting</i>	
							<i>Gas</i>	<i>Electricity</i>
Vale of Leven - - -	-	-	-	-	1,153		842	311
Cardross - - -	-	-	-	-	48		—	48
Craigendoran - - -	-	-	-	-	35		—	35
Rhu - - -	-	-	-	-	27		—	27
Garelochhead - - -	-	-	-	-	19		—	19
Arrochar and Tarbet -	-	-	-	-	27		—	27
Luss - - -	-	-	-	-	10		—	10
Gartocharn - - -	-	-	-	-	13		—	13
Croftamie - - -	-	-	-	-	10		—	10

During the year claims to the value of £87 9s. 1d. were lodged in respect of damage caused to lamp standards and fittings.

PUBLIC CONVENIENCES.

The replacement of old cast-iron urinals in the Vale of Leven area by brick-built conveniences, which has been under consideration during the year, is at present held in abeyance, since the approval of the Department was not granted for powers to borrow the necessary capital expenditure involved.

Monies collected during the year amounted to £197 9s. 2d.

BURIALS.

Burials were undertaken under Section 50 of the National Assistance Act, 1948, during the year.

OFFENSIVE TRADES.

There is no evidence of nuisances arising from the operations of the one trade listed under Section 32 of the Public Health (Scotland) Act, 1897.

FACTORIES ACT, 1937.

During the year 264 inspections to factory premises were made. In 6 instances where defects were found these were remedied without the serving of notices on owners, and, in the case of 1 defect still to be remedied at the end of the previous year, the necessary w.c. accommodation was provided.

Table I shows the number and types of factories within the area.

INCREASE OF RENT AND MORTGAGE INTEREST
(RESTRICTION) ACTS.

One certificate under the above Acts was issued during the year.

PREVENTION OF DAMAGE BY PESTS ACTS, 1949.

The appointment of a Rodent Control Officer was made during the year, and his services have been made available to all occupiers of infested premises, on request, at a moderate charge, while the Inspectors of the Staff continue to give assistance in survey and disinfestation work where necessary. All work carried out by the Staff under this Act in business and private premises is meantime paid for, but I am hopeful that such an essential service as the destruction of rats and mice will ultimately be free and thus provide freedom of

action, as these pests know no boundaries in the destruction of foodstuffs, apart from the possible spreading of infection. During the year 274 premises, including 99 farms, were surveyed, of which 137 were found to be infested. Disinfestation was carried out in 119 of the above premises by the Department, the remaining 18 premises being farms, where other arrangements were made by the occupiers. The actual number of rats killed by trapping was 992, and it is estimated that a further 2,320 were killed by poisoning.

The approval of the Department of Health was received for the purchase of an Austin A.40 truck for the use of the Rodent Officer in transporting his equipment, and delivery was accepted in the last week of the year. This should prove a decided advantage in the future.

TENTS, VANS, SHEDS AND HOUSEBOATS.

The onus of responsibility to notify their intention to camp for any period longer than three days is still being generally disregarded by the vast majority of campers, and very few intimations are received by the Department. The bye-laws are otherwise fairly well observed, and the gradual elimination of the few irresponsibles from the recognised camping sites continues to give satisfaction. Lóch Lomondside is the most generally favoured camping area and the Luss Estates site at Row of Luss farm is well patronised, and strict supervision by the estate employees is maintained.

During the year 378 structures of varied types were inspected and found to be occupied by 1,213 persons.

MILITARY CAMPS.

The seven Military Camps taken over for temporary housing accommodation are still in use and provide shelter for 183 families. The demolition of huts as they become vacant continues. Conditions are generally bad, and will continue to deteriorate until a full-scale rehousing of the tenants can be undertaken.

BUILDING BYE-LAWS.

CONTROL OF CIVIL BUILDINGS.

Table II shows the number and types of buildings for which plans were submitted for approval during the year. The number of applications for building licences received during the year was 82—63 of which were granted, 4 refused and 15 continued. Three applications pending from the previous year were also granted. The total amount involved was £40,361, of which £18,850 represented 11 applications for the erection of houses by private enterprise.

HOUSING (SCOTLAND) ACT, 1950.

IMPROVEMENT GRANTS.

During the year 6 applications for Improvement Grants under the above Act were received. In 2 cases work was completed and Certificate "B" issued, together with 3 cases pending from the previous year. The total amount involved in payment of grant was £1,328. Two applications were refused.

HOUSING OF SEASONAL WORKERS.

Seasonal workers were again accommodated in a number of farms throughout the area for varying periods. Farmers concerned are still neglectful in giving the required notice prior to the arrival of the workers, and in some instances it is found that intimation is only given immediately before the workers arrive, and the accommodation is occupied before inspection has been carried out.

The accommodation provided is, generally speaking, satisfactory, but improvement in some instances could be made, with benefit to the workers.

FOOD SUPPLY.

MILK AND DAIRIES (SCOTLAND) ACT, 1914.

MILK AND DAIRIES (SCOTLAND) ORDER, 1938.

During the year 14 applications for registration were received and granted, 2 of which were for the transfer of registration from producers to their son, and 3 for transfer of registration to the wives of producers now deceased. Alterations and improvements were completed during the year at Little Blairlusk Farm, Walton Farm and Wallaceton Farm.

Table III shows the number of registered and unregistered dairy premises in the area.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936-38.

Thirty-five applications for licences under the Special Designations Orders were received, and 34 granted as under-noted:—

PRODUCERS	Certified 2	Tuberculin Tested 12	Pasteurised —
DEALERS	Certified 4	Tuberculin Tested 14	Pasteurised 1
SUPPLEMENTARY	Certified —	Tuberculin Tested 1	Pasteurised —

One application for standard licence was refused.

There are now 92 licensed designated producers out of 113 in the area, representing 81.42 per cent.

From Table IV it will be seen that, of 479 samples taken, 113 did not comply with the conditions of the licence. This is a decidedly unsatisfactory proportion as compared with the previous year, when 56 samples out of a total of 410 did not comply with the conditions of licence. The majority of the failures were found during the harvesting period, when, probably due to the unsatisfactory harvesting weather experienced, the farm staffs were employed more continuously over an extended period in the fields, and dairying was allowed to take second place to the securing of the crops. Immediately after harvesting operations a decided improvement in results

was evident and was maintained throughout the remainder of the year.

FOOD AND DRUGS (ADULTERATION) ACT, 1928.
PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS
(SCOTLAND), 1925-27.

Sweet Milk	-	-	-	14	Mincemeat	-	-	-	1
Ice-cream	-	-	-	44	Sago	-	-	-	1
Sausage	-	-	-	3	Jam	-	-	-	1
Cheese	-	-	-	2	Beer	-	-	-	1
Mixed Pickles	-	-	-	2	Olive Oil	-	-	-	1
Table Jelly Crystals	-	-	-	2	Jelly	-	-	-	1
Cooking Fat	-	-	-	2	Gregory's Powder	-	-	-	1
Boric Acid	-	-	-	1	Beans in Tomato Sauce	-	-	-	1
Tea	-	-	-	1	Fruit Bonbons	-	-	-	1
Borax	-	-	-	2	Green Peas	-	-	-	1
Aerated Water	-	-	-	2	Mince	-	-	-	1
Dates	-	-	-	1	Meat and Ham Roll	-	-	-	1
Sauce	-	-	-	2	Tartaric Acid	-	-	-	1
				Total	-	-	-	91	

The above samples were purchased and analysed during the year.

Of the total of 91 samples taken, 15 were test and 76 official samples.

ICE-CREAM (SCOTLAND) REGULATIONS.

FOOD STANDARDS (ICE-CREAM) ORDER, 1951.

Out of a total of 44 samples taken, 10 test samples and 8 official samples of ice-cream were found to be not genuine due to deficiency in fat. It was found that manufacturers, as a rule, were very reluctant to use margarine for the purpose of raising the fat content to the required 5 per cent., but warning was given to all concerned that any further cases of fat deficiency would lead to prosecution, and an improvement has since been maintained.

Twelve samples of ice-cream taken for bacteriological analysis were found to be of very high standard, the number of bacteria per millilitre varying from none to 5,000, as undernoted:—

<i>No. of Samples</i>										<i>No. of Bacteria per ml.</i>
2	-	-	-	-	-	-	-	-	-	None
1	-	-	-	-	-	-	-	-	-	500
5	-	-	-	-	-	-	-	-	-	1,000
2	-	-	-	-	-	-	-	-	-	2,000
1	-	-	-	-	-	-	-	-	-	3,000
1	-	-	-	-	-	-	-	-	-	5,000

This is a decided improvement on the previous year's results when the number of organisms varied from 1,000 to 4,000,000, and is well below the standard of 100,000 organisms per ml. suggested by the Department of Health.

None of the above samples showed the presence of any Coliform Bacilli.

APPLICATIONS FOR LICENCES.

<i>Received</i>	<i>Granted</i>	<i>Withdrawn</i>	<i>Types of Licences Granted</i>	
4	4	—	M.	2
			S. & St.	2

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

Renewals of slaughterhouse licences were granted to Vale of Leven Co-operative Society Ltd., in respect of premises at Bank Street, Alexandria, and to James S. Gray, Euston Place, Garelochhead, in respect of premises at that address. No slaughtering took place at either of these premises during the year.

There are no applications received for licence to slaughter, under the Slaughter of Animals (Scotland) Act, 1927.

Forty-two certificates were granted under the Public Health (Scotland) Act, 1897, in respect of articles of food found on

examination to be unsound and unfit for human consumption. The articles included a variety of tinned foods such as milk, soups, fruit, fish, jams, meat gammons, etc., and were either destroyed or passed as swill for pig feeding.

PRIVATE STREETS AND FOOTPATHS.

Notices under Section 39 of the Public Health (Scotland) Act, 1897, involving the owners of various properties in Vale of Leven, were served by the County Clerk. Estimates for the work involved in bringing the defective footpaths up to Highways standard were prepared by the County Surveyor and submitted to owners concerned, and negotiations are meantime in progress regarding the execution of the work.

FERTILISERS AND FEEDING STUFFS ACT, 1926.

No samples under the above Act were taken during the year.

SHOPS ACTS, 1912-1938.

YOUNG PERSONS EMPLOYMENT ACT, 1938.

Table V shows the number of shops in the area under their various business categories.

Warnings were again necessary regarding the observations of closing hours, particularly in the case of the small shops where there is a mixed trade.

The provision of the Young Persons Employment Act are generally well observed, and no complaints have been intimated or noted as the result of inspection.

The erection of shops in Tullichewan Housing Scheme has now been completed, and the tenancies decided, and these should be opened at an early date and prove an additional convenience to the inhabitants of the area.

HOUSING.

Twelve dwelling-houses considered to be unfit for human habitation were the subject of Closing Orders, and Demolition Orders were made in respect of a further 24 unfit houses.

Twelve premises accommodating 32 families of approximately 120 persons were still requisitioned at the end of the year.

To provide housing accommodation for overcrowded families, families living in sub-let rooms, military camps and unfit houses, I estimate that a total of 1,200 houses is still required.

During the year 151 houses were completed and occupied, 5 of which were allocated to key-workers.

Twelve houses for agricultural workers were completed during the year, and others in course of construction are expected to be completed and occupied early in 1952.

With regard to the provision of houses for aged persons, it was agreed to reserve existing two-apartment houses in the Local Authority's schemes for the re-housing of persons in this category.

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

WILLIAM T. SAMSON.

TABLE I.—FACTORIES ACT, 1937.

TRADE OR BUSINESS.	PARISHES.																		Total Non-Mechanical.	Total.						
	Arrochar.			Bonhill.			Cardross.			Dumbarton.			Kilmarnock.			Luss.					Rosneath.			Rhu.		
	Non-Mech.		Total.	Non-Mech.		Total.	Non-Mech.		Total.	Non-Mech.		Total.	Non-Mech.		Total.	Non-Mech.		Total.			Non-Mech.		Total.	Non-Mech.		Total.
	Mechanical.			Mechanical.			Mechanical.			Mechanical.			Mechanical.			Mechanical.					Mechanical.			Mechanical.		
Aerated Water Manufacturers,	..	..	1	..	6	7	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Bakers, ..	..	1	1	..	3	4	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Blacksmiths, ..	..	..	..	1	4	5	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Bootmakers, ..	..	..	..	1	2	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Bleachers and Dyers ..	..	..	..	..	2	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Engineers, ..	1	1	2	4	4	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Dressmakers and Milliners, ..	..	..	..	1	1	2	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Iron Founders, ..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Hosiery Manufacturers,	..	..	..	1	1	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Joiners and Cabinetmakers, ..	..	1	1	4	2	6	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Laundresses, ..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Motor Engineers, ..	..	2	2	5	4	9	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Plumbers, ..	..	1	1	..	5	5	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Printers, ..	..	..	..	..	1	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Sawmillers, ..	..	..	..	..	5	5	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Sculptors, ..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Ship and Boat Builders and Breakers, ..	..	..	..	3	3	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Tailors, ..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Watch and Clock Makers ..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
Miscellaneous—Works of Temporary Nature, etc., ..	2	14	16	2	12	14	4	6	10	1	1	5	..	5	6	2	1	4	13	5	34	48	..	..		
Total Mechanical, ..	5	..	40	..	30	70	20	15	35	3	..	..	3	9	11	7	11	93	..	..	..	..	..	..		
Total Non-Mechanical, ..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
TOTAL, ..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	168		

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, -	2	1	...	...	...	...	3	...	2	4	...	...	6
Ronhill, -	8	1	2	1	7	1	20	...	2	37	6	...	45
Cardross, -	2	5	3	...	1	1	12	...	14	23	4	...	41
Dumbarton, -	...	...	...	...	...	...	...	...	...	...	...	...	...
Kilmaronock, -	...	6	1	...	3	...	10	...	7	6	...	...	13
Luss, -	...	...	...	...	...	...	...	...	...	...	...	...	...
Rosneath, -	1	...	...	...	3	1	5	...	2	5	1	...	8
Rhu, -	1	1	1	...	4	3	10	...	4	10	5	...	19
Total, -	14	14	7	1	18	6	60	...	31	85	16	...	132

Plans were also submitted for 39 garages, 4 shops, 4 factories, 4 canteens, 2 church halls, 7 porches, 2 pigeon lofts, 1 petrol station, 2 bothies, 4 sheds, 1 bar lounge, 1 bank, 4 geeneen-houses, 2 piggeries, 2 dairy sculleries, 2 byres, 1 electricity sub-station, 2 workshops, 2 stables, 1 pavilion, 1 school, 1 hotel, 1 office, and 1 other building.

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, - - -	16	3	410	13	10	7
Kilmarnock, - - -	41	5	880	40	—	2
Luss, - - -	7	8	160	4	—	2
Cardross, - - -	24	3	552	22	5	3
Rhu, - - -	7	5	150	6	2	3
Rosneath, - - -	13	—	110	6	—	7
Dumbarton - - -	3	2	85	—	—	1
Arrochar - - -	—	8	25	—	—	1
Burgh of Helensburgh,	2	—	54	1	5	4
Burgh of Cove and Kilcreggan, - - -	—	—	—	—	—	—
Totals, - - -	113	34	2426	92	22	30

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 ...	7	38	3	1	4	1	9
Tuberculin Tested	84	420	37	27	35	—	99
Standard	1	1	—	—	—	—	—
Pasteurised	—	20	5	—	—	—	5
TOTALS ...	92	479	45	28	39	1	113

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		
13	1	2	6	—	9

ORDINARY MILKS

No. of Samples Taken	Result of Methylene Blue Reductase Test.		
	Satisfactory	Non-Satisfactory	Total
10	10	—	10

SHOPS ACTS, 1912-1938.

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.	Fruiters.	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	—	—	—	—	1	—	2	—	1	1	—	—	—	3	—	—	—	11
Bonhill, -	16	11	4	4	2	8	6	16	9	3	8	2	16	6	7	6	12	6	12	2	1	1	67	224
Cardross, -	7	7	1	1	—	19	5	5	4	2	7	1	13	2	2	3	6	2	1	—	—	1	8	97
Dumbarton, -	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Kilmarnock, -	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	3
Luss, -	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	2	—	—	—	4
Rhu, -	3	1	—	—	1	5	1	1	—	—	2	—	4	—	1	2	3	—	6	—	—	—	—	30
Rosneath, -	1	1	—	—	—	2	—	—	—	—	—	—	3	1	—	—	1	—	—	—	—	—	—	9
Totals, -	28	21	5	5	3	37	12	22	13	5	18	3	42	9	11	12	22	8	24	2	2	75	379	

REPORT BY SANITARY INSPECTOR IN THE EASTERN AREA

24 GEORGE SQUARE,
GLASGOW, C.2.

LADIES AND GENTLEMEN,

I submit to you Annual Report for the year 1951, on the basis described by D.H.S. Circular No. 128/1951.

WATER SUPPLY.

During the year the undernoted samples were drawn to ascertain if the standard of efficiency of the supplies was satisfactory.

Following bacteriological and chemical examination, the public supplies proved to be favourable and that of the spring supply gave no cause for complaint.

<i>No.</i>	<i>From</i>	<i>Water Supply</i>
1E.	Tap at Cumbernauld Police Station - -	Lanarkshire.
2E.	Spring at Tambowie Hill, East Kilpatrick	Spring.
3E.	Spring at Tambowie Hill, East Kilpatrick	Spring.
4E.	Tap in Brennan's House, Footbridge, Waterside - - - - -	Kirkintilloch.
5E.	Tap at Cumbernauld Police Station - -	Lanarkshire.
6E.	Tap in Brennan's House, Footbridge, Waterside - - - - -	Kirkintilloch.

DRAINAGE SYSTEMS—EFFICIENCY.

The drainage systems of new and altered buildings were regularly inspected during construction and drain tests applied to ensure effective operation on completion.

A proposed Drainage Scheme at Castlecary, under the Distribution of Industries Act, 1945, approved by the Department of Health in the month of November, has since been

deferred by the Department for consideration of grant under the Act, due to a review of the Capital Investment Programme for the year 1952. The delay in proceeding with this scheme is unfortunate, and it is hoped that conditions will improve soon to warrant its adoption for grant.

From a sanitation point of view the drainage scheme is an urgent necessity and priority consideration should be granted when expenditure under the Act is again reviewed.

SEWAGE PURIFICATION AND DISPOSAL.

The Sewage Plants in Special Drainage Districts were inspected regularly throughout the year, and, while at present effective, improved installations will require to be introduced to serve the additional housing developments in sections of the area.

Throughout the year guidance was given to applicants building in rural areas outwith Special Drainage Districts as to the design and construction of septic tanks.

During exceptional periods of rain, flooding was experienced at two points in the area, and the technical officials controlling the County services are co-operating in investigating the lay-out of the feuars' services to that of the County, in the hope that a remedy is found to obviate a recurrence of the flooding.

MILK.

The dairy premises registered under the Milk and Dairies (Scotland) Act, 1914, total:—

PARISH	PRODUCERS				DEALERS			Total
	W.	W.R.	R.	Total	Shops	Vans	Total	Reg.
East Kilpatrick	7	1	5	13	9	15	24	37
West Kilpatrick	3	4	—	7	10	13	23	30
Cumbernauld	15	15	10	40	1	4	5	45
Kirkintilloch	11	9	3	23	11	13	24	47
	36	29	18	83	31	45	76	159

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

The number of premises exempt from registration :—

PARISH	<i>Producers</i>	<i>No. of Cows</i>
East Kilpatrick - - - -	—	—
West Kilpatrick - - - -	8	10
Cumbernauld - - - -	14	24
Kirkintilloch - - - -	7	10
	—	—
<i>Total -</i>	29	44
	—	—

Under the Milk and Dairies (Scotland) Act, 1914, one registration was revoked due to the premises and persons being unsuitable to the purposes of the trade, and in accordance with Section 7, sub-section 6 (a) and (b) of the Act.

The condition of four dairy premises was unsatisfactory and the occupiers requested to make the necessary improvements to comply with the requirements of the Act.

At the premises of one supplier the dirty state of the surface of milk bottles necessitated a warning to the persons concerned, and frequent attention from this department.

The number of producers registered has increased by one and dealers decreased by eight, making a difference of seven premises less registered compared to the year 1950.

Under the Milk (Special Designations) Order (Scotland), 1936-44, licences were issued as follows :—

PRODUCERS—

Tuberculin Tested - - - - 7

DEALERS—

Certified - - - - - 1

Pasteurised - - - - - 3

In Table I a record of the samples collected from 1942 onwards is recorded.

ICE-CREAM (SCOTLAND) REGULATIONS, 1948.

The number of registered premises shows one less compared with the previous Report, when the total was 31 and is now 30.

DETAILS OF REGISTRATION.

AREA	<i>Manuf., Sale, Storage</i>				<i>Sale, Storage</i>	<i>Total Regd.</i>	<i>Vehicles Regd.</i>
Cumbernauld	-	-	-	1	2	3	—
Kirkintilloch	-	-	-	—	—	—	—
East Kilpatrick	-	-	-	1	1	2	—
West Kilpatrick	-	-	-	3	1	4	—
Burgh of Kirkintilloch	-	-	-	5	7	12	6
Burgh of Milngavie	-	-	-	3	—	3	—
<i>Total</i>	-	-	-	13	11	24	6

During the year samples were taken at each of the premises for analysis under the Food and Drugs (Adulteration) Act, 1928, Ice-cream (Scotland) Regulations, 1948, and Food Standards (Ice-cream) Order, 1951.

The samples from six suppliers proved to be deficient in fat content and a letter was addressed to each defaulter warning them against any recurrence of the default.

All the premises are now properly equipped and subsequent samples satisfactory. A total of 50 samples was collected.

MEAT.

The licences to slaughter animals and to slaughter or stun swine were renewed under the Slaughter of Animals Act, 1928, and the Bye-laws of the Local Authority. The licences are held by James McLaren, Main Street, Cumbernauld; William B. McLaren, Westerwood Farm, Cumbernauld, and James Paul, Main Street, Cumbernauld.

A comparison of the figures for the year 1950 with that of the present year reveals that the number of Condemnation

Certificates in respect of imported and canned meats unfit for human consumption has increased by 100 per cent.

In 1950 the number of certificates issued totalled 26, and this year the figure is 52 certificates, involving 2 cwts. 103 lbs. 2 ozs. of meat, compared with 26 lbs. 7 ozs. The majority of condemnations was due to "blown" tins, and, whether due to faulty handling or the "life" of the contents, the loss could be avoided by care in transport and care in assessing the date of release to the trader.

A total of 62 certificates was issued to retailers in respect of 39 varieties of food weighing 5 cwts. 64 lbs. 9 ozs., which proved to be unsound and unfit for human consumption.

While there is an increase in the varieties of foods involved, the number of certificates and weight of food is reduced compared with the figures of the previous year.

FOOD AND DRUGS.

Under the Food and Drugs (Adulteration) Act, 1928, official and test samples were drawn in respect of:—

"Official"—Sweet Milk (4) and Ice-cream (4).

"Test"—Sweet Milk (1), Ice-cream (46), Soft Drinks (5), Sardines (1), Sausage (Sliced and Link) (3) and Potato Crisps (2).

While reference has already been made to the six deficient samples of ice-cream under that heading, it has to be recorded that the analysis of three milk samples showed a deficiency in milk solids. The final sample on analysis was genuine and the producer had solved the default in the process of the milk supply.

The conditions under which food is produced and supplied to the public to-day has attained a standard of hygiene, and cleanliness, in keeping with the scientific advancement of the period. The simplicity of the modern equipment, clothing and furnishings attracts the individual operator, whether in the factory or the shop, to match the material handled. This no doubt is more evident in the large concerns situated in towns, but in the country areas it is also pleasing to note

that the small concern is keeping in step with the improved conditions. This is apparent generally in the attire and personal cleanliness of the shop assistant in this area. The production side is mainly confined to milk, and here the defaulters are few.

The hygiene that has now been attained gives a source of security to the consumer, and the chance of supplies detrimental to health are rare.

UNSOUND FOOD.

This subject is dealt with under the heading "Meat."

SCAVENGING METHODS AND EFFICIENCY.

NEW KILPATRICK SPECIAL SCAVENGING DISTRICT.

Transport: 6 wagons—SN 8998, SN 7968, ASN 222, ASN 818, BSN 40 and BSN 41.

<i>Year</i>	<i>Drivers</i>	<i>Men</i>	<i>Youths</i>	<i>Road Sweepers</i>	<i>Boys</i>	<i>Total</i>
1947 -	4	23	4	—	6	37
1948 -	5	13	1	12	8	39
1949 -	5	13	8	10	—	36
1950 -	6	15	4	10	—	33
1951 -	6	18	5	10	—	39

While the work within the District continues to operate on similar lines to that of recent years, its effectiveness at times has been retarded due to difficulty in getting suitable labour to replace employees who have left for more lucrative employment, or youths leaving to serve an apprenticeship at a trade. Notwithstanding this handicap, the service has maintained a standard of efficiency due to the efforts of the experienced employees.

With a view to further improvement, a driver-mechanic has been engaged who can carry out minor repairs to vehicles,

thereby eliminating time delay and reducing the cost of maintenance.

During the month of January, every available man was engaged in snow clearing, and, with the aid of the employees of contractors in the area, the difficulties caused to transport were overcome and little inconvenience experienced.

The cost involved to compete with the elements is heavy, but the value of quick action is rewarded when the wheels continue to rotate.

A new building erected at Manse Road, Bearsden, provides a new canteen centre for the employees and a workshop. The appointments of the centre and the facilities available give the workers ideal conditions which should prove beneficial to health, especially during the winter months. The standard of work should also benefit by the employees being collectively centred at lunch time, and not having to disperse to different points, take a hurried meal, and have no time to relax.

The rented premises at 127 Milngavie Road, Bearsden, also continue to be used for a section of the employees.

The charge to the Highways Department covering cost of cleaning roads by the cleansing staff amounted to £1,753 16s. This was assessed on 10.7 miles of classified roads at £75 per mile (£802 10s.), and 21.14 miles of unclassified roads at £45 per mile (£951 6s.).

Lawmuir Coup.—As the ground at this coup has been reclaimed to an extent that its use for the disposal of refuse is nearing an end, ground forming part of the land at Langlands Farm, known as "The Killoch," has been leased for a coup and is now being utilised.

Garscadden Garage.—The latest improvement at this control centre is the introduction of electricity supply to the four cottages occupied by motor drivers and their families. This has been long overdue, as the only means of lighting was by lamp.

OLD KILPATRICK SPECIAL SCAVENGING DISTRICT.

Transport: 2 wagons—SN 7969 and ASN 109.

<i>Year</i>					<i>Drivers</i>	<i>Men</i>	<i>Road Sweepers</i>	<i>Total</i>
1947	-	-	-	-	2	6	2	10
1948	-	-	-	-	2	6	4	12
1949	-	-	-	-	2	6	4	12
1950	-	-	-	-	2	7	4	13
1951	-	-	-	-	2	7	4	13

The work in this District progressed smoothly and difficulties that did arise were readily overcome.

At the beginning of the year snow-clearing operations were effectively carried out to permit of transport and pedestrian traffic continuing to proceed with least inconvenience possible under the prevailing conditions. One straight-blade Bunce plough and one Allen channel plough is placed at the disposal of this Department by the Highways Department for use in this and New Kilpatrick Special Scavenging District for use on unclassified roads and to keep the channels on classified roads clear of snow.

The work of cleaning classified and unclassified roads is undertaken by this Department, and the cost to the Highways Department amounted to £671 8s., involving 5.88 of classified roads at £75 per mile (£441) and 4.94 of unclassified roads at £45 per mile (£230 8s.).

In order to maintain and, where possible improve the service, it is proposed to purchase a new wagon to replace one that is aged and not now giving the desired results.

Dumbuck Coup.—An extension to this coup has been agreed to with the Railway Executive (Scottish Region). The situation of this coup is ideal for the area served and it is suitably controlled by the workmen in attendance.

SCAVENGING CONTRACTS.

The removal of refuse within the undernoted Special Scavenging Districts is by private contract, and the contractors whose tenders were accepted are recorded.

During the year regular contact has been maintained by the staff with the contractors, and any faults that did arise in the execution of the work were of a minor nature and generally promptly remedied.

CUMBERNAULD—

<i>Village Area</i> —Alex. Forrester & Son	-	-	-	£395
<i>Cumbernauld South Area</i> —Alex. Forrester & Son				150
<i>Castlecary Area</i> —Alex. Forrester & Son	-	-		66
<i>Dullatur Area</i> —John Hamilton	-	-	-	75
<i>Eastfield Area</i> —Alex. Forrester & Son	-	-	-	22
<i>Croy Area</i> —Robert Roberts	-	-	-	470
<i>Condorrat Area</i> —Robert Roberts	-	-	-	286

GARTSHORE—

<i>Waterside Area</i> —Alex. Stuart	-	-	-	212
<i>Twechar Area</i> —Robert Roberts	-	-	-	546

PUBLIC CONVENIENCES.

At Duntocher, Hardgate and Old Kilpatrick, where five public conveniences are situated, the premises receive constant attention from the attendants, but vandalism still occurs by irresponsible persons who seem to revel in destruction. The police know of the damage done on occasion, and should the culprits be caught in the act it is hoped the punishment meted out deters others from such foolish behaviour.

A survey of sites suitable for a public convenience has been made at Cumbernauld, Condorrat, Waterside, Bowling and Bearsden, but a decision has still to be made. At Cumbernauld exception by the Ministry of Transport to what was considered a favourable site has meantime delayed progress. The objection was due to the proposed situation on a main road, but negotiations continue.

The money collected from each public convenience is as follows:—

	1947	1948	1949	1950	1951
Old Kilpatrick	£16 9 7	£13 8 7	£17 8 11	£15 6 0	£16 4 6
Milton - -	11 7 0	19 11 9	11 9 3	11 4 10	11 1 5
Duntocher -	3 6 8	3 2 0	3 2 1	4 6 7	4 9 0
Hardgate -	6 10 1	6 1 11	6 9 11	4 17 10	3 17 0

SANITARY CONVENIENCES.

This subject is constantly under review, and, while the improvement is slight, it yearly moves in the right direction, and Table II summarises the position at the end of the year.

FACTORIES ACT, 1937.

Throughout the year the premises were regularly inspected and a record of the various occupations is recorded under Table III. In co-operation with H.M. Inspector of Factories, changes of occupation were duly recorded.

The main discrepancies found on inspection related to eleven premises where the sanitary conveniences were insufficient or unsuitable. In each case the defect was remedied. In one instance the premises were found to be in an unclean state, and, while no excuse can be accepted for this condition, an improvement was hastily applied and has since continued.

BURIAL GROUNDS.

All the burial grounds in the area were periodically inspected to ascertain if the buildings and drainage and water services were satisfactory. On each occasion confirmation was made as to the lair depths throughout the grounds.

At Eastfield, Cumbernauld, the work on the lay-out of a new cemetery is in operation.

BUILDING REGULATIONS.

Under the Local Authorities Bye-laws and the Town and Country Planning (Scotland) Act, 1947, the number of plans of buildings examined for approval exceeded that of last year by 13. The plans totalled 296, and those relating to new and altered houses are contained in Table IV. By far the greater number of plans applied to garages while alterations and additions to houses followed in the total rotation of plans of buildings. It may be featured that the motor car is predominant and the house is secondary, but the cost of a garage and the variety of materials available permit of this type of erection being more readily approved.

The works relating to houses, due to cost involved, generally come under licence control, and, where this entailed the necessity for increased accommodation or maintenance, the applications were usually granted.

Table V shows the number of licences considered and the cost of the proposed works.

Table VI summarises the number of houses built by the Local Authority and allocated to tenants during the year.

The provision of houses is constantly in the forefront of Local Government administration, and if the way were open to permit of private building the deficiency of houses to some extent would be overcome. This is the simple way of attaining the desired result if sufficient ground is available.

As visualised in the previous Annual Report, the improvement and modernisation of old property should be the course to adopt, and so make it possible to preserve and improve existing houses. Many good properties are deteriorating through lack of attention, and the possibility of overcoming the housing shortage will be as remote as ever if nothing is done to aid the owners. This, of course, does not apply to the owner-occupied type of house. The eternal call is for houses. Avoid waste, preserve and create modern houses in substantial structures.

The properties that have deteriorated to such an extent that

the provisions of the Housing (Scotland) Acts, 1930-1950, had to be enforced relate to:—

Buchanan's Land, Milton	17	2 apts.	Demolition Order,	4/1/51
	6	3 apts.	" "	" "
	4	4 apts.	" "	" "
Dunglass Cottages, Bowling	1	1 apt.	" "	" "
	2	2 apts.	" "	" "
	1	4 apts.	" "	" "
Station Road, Castlecary	1	3 apts.	" "	29/11/51
Arns, Castlecary	3	2 apts.	" "	" "
Muirpark Cott., Waterside	2	1 apt.	" "	1/11/51
	2	2 apts.	" "	" "
Barrhill Rows, Twechar	11	2 apts.	Closing Order,	29/11/51
Drumgrew Rows, Twechar	5	1 apt.	Demolition Order,	" "
	14	2 apts.	" "	" "
	2	3 apts.	" "	" "
High Gallowhill, Twechar	1	1 apt.	Closing Order,	" "
	3	2 apts.	" "	" "
	1	3 apts.	" "	" "

INCREASE OF RENT AND MORTGAGE INTEREST (RESTRICTION) ACTS.

During the year no applications were received under this heading.

SCHOOLS.

Inspections were made to the schools in the area mainly to ascertain if the water supply and drainage services were satisfactory. The education staffs ensure that any defect that may arise is quickly remedied, and this is exemplified by the attention given to the ventilation of classrooms, many of which are overcrowded. The decrowding of schools being a herculean task, the necessity of effective ventilation must always be a first thought in the daily curriculum of the teacher in the interest of the health of pupils.

INFECTIOUS DISEASE.

The number of cases notified during the year totalled 328, compared with 318 in the year 1950.

A total of 341 visits was made to the houses of the cases notified and, where essential, rooms were disinfected.

A revealing feature from the record of cases is that 52 per cent. of the total relates to pneumonia and whooping-cough. Only nine cases of diphtheria or suspected cases were reported, which is a marked improvement and reveals the success of preventative inoculation. It should also be recorded that in the Burgh of Milngavie no cases of pneumonia were notified.

Under Section 53 (1) of the National Health Service (Scotland) Act, 1947, the statement of account for the year 1950-51, in relation to cases visited and houses disinfected, amounted to £309 3s. This sum is based on a proportion of staff salaries, detailed expenses and cost of disinfectants.

STREET LIGHTING.

The Special Lighting Districts within the area are New Kilpatrick, Old Kilpatrick, Cumbernauld and Gartshore.

With the exception of Cumbernauld, where the sole source of supply is by electricity, both gas and electricity supplies are in use.

The dual source of supply may be considered an advantage when an area is confronted with an electricity supply fault or curtailed output.

The lighting of main roads by electricity is essential, as results have proved, due to the clear distant view gained by the pedestrian and the driver of the motor vehicle. On the other hand, gas lighting points in side roads are an advantage in that the area illuminated is smaller, and, if lamps are regularly tended, failure to function is extremely rare. If a gas lamp is placed near the corner of each side road adjoining a main highway, it can prove helpful and avoid a complete black-out should the electricity supply fail to function. Both

supplies are related and, if systematically used, benefit the community both in value and cost.

A summary of the lamps operating within each Special Lighting District is recorded as follows:—

GAS SUPPLY.

DISTRICT	<i>Street Lamps</i>	<i>Signal Lamps</i>	<i>Private Lamps</i>	<i>Total Lamps</i>	<i>Lamp- lighters</i>
New Kilpatrick -	1,185	—	—	1,185	7
Old Kilpatrick -	397	—	—	397	3
Gartshore -	19	—	—	19	—
	—	—	—	—	—
	1,601	—	—	1,601	10
	—	—	—	—	—

ELECTRICITY SUPPLY.

DISTRICT				<i>Street Lamps</i>	<i>Signal Lamps</i>	<i>Total Lamps</i>
*New Kilpatrick	-	-	-	209	3	212
Old Kilpatrick	-	-	-	187	—	187
Cumbernauld	-	-	-	209	—	209
Gartshore	-	-	-	122	—	122
				—	—	—
				727	3	730
				—	—	—

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

NUISANCES.

Under the Public Health (Scotland) Act, 1897, nuisances found to exist were effectively removed, with the exception of two that are in the course of elimination.

Compared with the action that had to be taken under this heading twenty to thirty years ago, a positive effort by tenants to preserve property and dispense with careless practices is apparent to-day.

Table VII contains a record of the nuisances arising during the year.

TENTS, VANS, SHEDS AND HOUSEBOATS.

The desire for camping by youth organisations has a natural appeal to young people during the summer months. Where the sites are suitable and the youth movement is recognised as a properly conducted and regulated body, the local authority is pleased to grant permission to camp. On the other hand, where owners of ground permit individuals and their associates to erect huts, disused railway coaches, etc., without the permission of the Local Authority, they and the campers place themselves in a position, due to their indifference, where they are liable to be prosecuted under the Bye-laws relating to this subject.

Within the parishes of East Kilpatrick and Cumbernauld two portions of ground provide a picture of structures that are far from pleasing to the eye, and totally unsuitable to dwell in. The water supply has to be carried in utensils, and the sanitary arrangements most unsatisfactory and detrimental to health.

The majority of the occupants at the site within East Kilpatrick Parish belong to Glasgow and use the primitive erections as a retreat at week-ends, while the remainder in both parishes are in residence throughout the year.

Under the conditions prevailing, the County Council will be compelled to act from a Public Health standpoint, in addition to that of the contraventions in relation to the Bye-laws governing tents, vans, sheds, etc.

It is regrettable that some people persist in ignoring their responsibility and refrain from playing their part in a regulated society by defying the laws governing the community. The consequences of their own irresponsibility are, therefore, entirely of their own making.

In the interests of the ratepayers, the Local Authority must give prior approval before a camp of any description is sited in the area, and so avoid indiscriminate action and danger to health.

ADDITIONS TO HIGHWAYS.

	<i>Length</i>
	<i>Furlongs Yards</i>
<i>Parish of New Kilpatrick—</i>	
N.E. Burnbrae Avenue and Footpaths—From south side of Beech Avenue to south side of Hawthorn Avenue - - - - - —	89
N.E. Hawthorn Avenue and Footways—From west side of Burnbrae Avenue to south side of Mosshead Road - - - - - 2	7
N.E. Mosshead Road and south Footways—From west side of Beech Avenue to west side of Hawthorn Avenue - - - - - —	73
N.E. Thomson Drive and Footways—From north side of Lennox Drive to a point 98 lin. yds. north thereof - - - - - —	98
<i>Parish of Old Kilpatrick—</i>	
Kirk Crescent and Footways—From Route A.814 to Route A.814 - - - - - 1	122

NAMING OF STREETS.

Parish of Old Kilpatrick—

Agricultural Houses, Colquhoun Road, Milton, named Smollett Cottages.

Parish of Kirkintilloch—

Back o' Dykes Road to Gartconner School, named Moss Road.

Parish of Cumbernauld—

Streets in new housing development.

Castlecary—Continue as Castleview.

Cumbernauld—Manse Site—lower road to be called The Auld Road, and the higher road Carrick Road.

RATS AND MICE ACTS.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

During the year under review a few thorny problems presented themselves.

No. 1 problem was a large piggery that was so badly infested that it was decided to invoke the aid of the Department of Agriculture for their advice. In addition a statutory notice was served upon the owner and, after a great deal of trouble, the place was finally cleared of rats and the premises rat-proofed. A total of 560 rats were killed, mainly by trapping. This case was aptly referred to by a Department of Agriculture official as a "Pig-infested Rattery."

No. 2 problem was a tenemental property which gave a great deal of trouble, not so much from the number of rats dealt with but the difficulty of rat-proofing old and dilapidated buildings. In this case also it was necessary to serve a statutory notice before the owner would fulfil his obligations.

In June a rat catcher was appointed and the purchase of a van was authorised. The van, unfortunately, was not delivered until December, thereby holding up a projected survey of farms and small holdings. However, a survey was carried out so far as prevailing circumstances would allow.

This survey revealed that the majority of farmers were observing the Regulations concerning the use of wire-netting stacks at time of dismantling, and in the few cases where default was found the farmers concerned speedily rectified the error.

The poisons used in pest destruction were red squill, zinc phosphide and one of the new anti-coagulant preparations. The latter proved to be the best of the three, and excellent results were obtained on coups and agricultural subjects.

Throughout the year it is estimated that 4,000 rats and 250 mice were destroyed: this involved 12 Local Authority properties, 67 dwelling-houses, 27 business premises and 24 agricultural subjects—a total of 130, 108 of which were found to be infested with rats or mice, and dealt with by the Local Authority rat catcher.

SHOPS ACTS.

The conditions defined by the Shops Acts are strictly observed by the shopkeepers in the area, and the work of the Department on this subject is thereby simplified.

In addition to the routine inspection of shops, premises utilised by street traders for the storage of food were examined and found to be suitably equipped for the purpose.

RIVERS POLLUTION.

During the summer months samples were taken of sewage effluents to test the condition both at the purification works and at the water-course receiving the discharge from the works.

While the analyses of the samples drawn proved the effluent of some to be in good condition, others were classified as fair, with the result that the Department controlling the sewage works is giving attention to attaining a higher standard of efficiency where necessary.

The samples referred to are recorded as follows:—

No.	<i>River or Stream</i>	<i>Source of Sample</i>
1E.	———	Waterside Sewage Purification Works.
2E.	Luggie -	30 yards below junction with Waterside Sewage effluent.
3E.	———	Twechar Sewage Purification Works.
4E.	Board Burn -	30 yards below junction with Twechar Sewage effluent.
5E.	———	Croy Sewage Purification Works.
6E.	Board Burn -	30 yards below junction with Croy Sewage effluent.
7E.	———	Condorrat Sewage Purification Works.
8E.	Shannon Goat	30 yards below junction with Condorrat Sewage effluent.
9E.	———	Cumbernauld Sewage Purification Works.
10E.	Red Burn -	50 yards below junction with Cumbernauld Sewage effluent.
11E.	———	Dullatur Sewage Purification Works.
12E.	Back Drain -	30 yards below junction with Dullatur Sewage effluent.

The condition of the effluent discharge from the adjacent paper mill into the River Allander, referred to in the Annual Report for the year 1950, continued to show little improvement. The foam on the river caused by the discharge from the works was unsightly and caused annoyance to the residents, due, on occasion, to particles of foam flying in various directions and invading property.

This condition could not be allowed to continue, and, following a meeting of representatives of the firm and the Department of Health Chief Inspector of Rivers Pollution, a decision was reached on the method to be adopted in the treatment of material and the adjustment of plant to aim at eradicating the unpleasant conditions that periodically appear on the river.

At a later period of the year it was evident from the condition of the river that improvement had been made and the owners of the paper mill were making a real effort to succeed in improving the condition of the effluent.

SALVAGE.

The collection of salvage was confined to waste-paper and kitchen waste, and the result over the yearly period is as follows:—

			<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>	
Kitchen Waste	-	-	113	3	0	£417 13 3
Bones	-	-	2	2	3	9 12 4
Waste-paper	-	-	149	10	2	2,387 3 7
			264	16	1	£2,814 9 2

The figures, compared with the previous yearly period, reveal that the weight of material has increased by 30 per cent. and the sum realised from the sale by 62 per cent. This is mainly due to waste-paper having been collected over a full year, as against a part year, when, following a decision by the Board of Trade to rescind the obligation on Local Authori-

ties to collect waste-paper, the operation ceased until the Council decided to again renew the collection.

GENERAL.

The continuous attention and investigation by the Department to the various subjects administered in many instances called for accurate assessing, clear and defined decisions, and guidance where necessary to attain beneficial results.

The work associated with the allocation of houses is a feature that predominates as houses become available. Before presentation of the list of applicants to the local Council members at a group meeting, much care and time is given to providing a true picture of the applicants' individual circumstances as reflected in the Points Scheme. Following provisional allocation and checking of complaints, the final proposals are submitted to the appropriate meeting of the Council for final approval.

On reflection, the field of administration has been fully covered during the year, and, from a Public Health standpoint, may be assessed as "Smooth progress."

I am,

Ladies and Gentlemen,

Your obedient servant,

J. D. McKENDRICK,

County Sanitary Inspector.

TABLE I.—MILK (SPECIAL DESIGNATIONS) ORDERS (SCOTLAND), 1936-38.

RECORD OF SAMPLES DRAWN FROM FARMS SINCE THE INTRODUCTION OF THE ABOVE ORDERS UNTIL DECEMBER, 1949.

Year ended	No. of Farms	No. of Samples	High Bact. Count	Percentage	Bacilli Coli	Percentage
Introduction of Orders until December, 1942, -	50	1062	91	8.56°/o	63	5.93°/o
December, 1943, - - - - -	51	324	31	9.56°/o	32	9.87°/o
December, 1944, - - - - -	58	375	22	5.86°/o	24	6.40°/o
December, 1945, - - - - -	63	387	29	7.49°/o	22	5.68°/o
December, 1946, - - - - -	64	397	20	5.03°/o	15	3.77°/o
December, 1947, - - - - -	66	400	33	8.25°/o	34	8.50°/o
December, 1948, - - - - -	71	454	51	11.23°/o	50	11.01°/o
December, 1949, - - - - -	78	494	34	6.88°/o	35	7.28°/o
December, 1950, - - - - -	75	457	44	9.62°/o	39	8.53°/o
December, 1951, - - - - -	75	451	49	10.86°/o	28	6.20°/o
Totals, - - - - -		4801	404	8.41°/o	342	7.12°/o
MILKING METHODS.						
<i>Hand Milking.</i>						
Introduction of Orders until December, 1942, -	21	402	20	4.97°/o	13	3.23°/o
December, 1943, - - - - -	17	98	5	5.10°/o	2	2.10°/o
December, 1944, - - - - -	17	101	—	—	1	0.99°/o
December, 1945, - - - - -	17	101	5	4.95°/o	5	4.95°/o
December, 1946, - - - - -	15	94	3	3.19°/o	5	5.31°/o
December, 1947, - - - - -	16	90	5	5.55°/o	9	10°/o
December, 1948, - - - - -	14	84	3	3.57°/o	4	4.76°/o
December, 1949, - - - - -	15	89	6	6.74°/o	5	5.61°/o
December, 1950, - - - - -	11	67	8	11.94°/o	5	7.46°/o
December, 1951, - - - - -	7	33	3	9.09°/o	—	—
Totals, - - - - -		1159	58	5°/o	49	4.22°/o
<i>Machine Milking.</i>						
(Total of 7 Machines).						
Introduction of Orders until December, 1942, -	27	660	71	10.75°/o	50	7.57°/o
December, 1943, - - - - -	34	226	26	11.50°/o	30	13.27°/o
December, 1944, - - - - -	41	274	22	8.02°/o	23	8.39°/o
December, 1945, - - - - -	46	286	24	8.39°/o	17	5.9°/o
December, 1946, - - - - -	49	303	17	5.61°/o	10	3.30°/o
December, 1947, - - - - -	50	310	28	9.03°/o	25	8.06°/o
December, 1948, - - - - -	57	374	48	12.83°/o	46	12.29°/o
December, 1949, - - - - -	63	405	28	—	30	—
December, 1950, - - - - -	64	390	36	9.23°/o	34	8.71°/o
December, 1951, - - - - -	68	418	46	11°/o	28	6.69°/o
Totals, - - - - -		3646	346	9.48°/o	293	8.03°/o

THE STATE OF TEXAS, COUNTY OF DALLAS, ss. I, the undersigned, Clerk of the County, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Dallas, Texas.

NAME	DATE	AMOUNT
JOHN A. BROWN	1901	100.00
JAMES C. DAVIS	1902	200.00
WILLIAM E. FOSTER	1903	150.00
CHARLES G. HARRIS	1904	300.00
EDWARD H. JONES	1905	250.00
FRANK I. KELLEY	1906	180.00
GEORGE J. LEE	1907	220.00
ALBERT K. MANN	1908	160.00
JOHN L. NICHOLS	1909	280.00
ROBERT O. PETERSON	1910	210.00
JOHN Q. RICHARDS	1911	190.00
WILLIAM R. SMITH	1912	240.00
CHARLES S. TAYLOR	1913	170.00
EDWARD T. WALKER	1914	260.00
FRANK V. YOUNG	1915	230.00
JOHN W. ZIMMERMAN	1916	180.00
ALBERT A. BROWN	1917	200.00
JAMES B. DAVIS	1918	150.00
WILLIAM C. FOSTER	1919	300.00
CHARLES D. HARRIS	1920	250.00
EDWARD E. JONES	1921	220.00
FRANK F. KELLEY	1922	180.00
GEORGE G. LEE	1923	240.00
ALBERT H. MANN	1924	160.00
JOHN I. NICHOLS	1925	280.00
ROBERT J. PETERSON	1926	210.00
JOHN K. RICHARDS	1927	190.00
WILLIAM L. SMITH	1928	240.00
CHARLES M. TAYLOR	1929	170.00
EDWARD N. WALKER	1930	260.00
FRANK O. YOUNG	1931	230.00
JOHN P. ZIMMERMAN	1932	180.00
ALBERT Q. BROWN	1933	200.00
JAMES R. DAVIS	1934	150.00
WILLIAM S. FOSTER	1935	300.00
CHARLES T. HARRIS	1936	250.00
EDWARD U. JONES	1937	220.00
FRANK V. KELLEY	1938	180.00
GEORGE W. LEE	1939	240.00
ALBERT X. MANN	1940	160.00
JOHN Y. NICHOLS	1941	280.00
ROBERT Z. PETERSON	1942	210.00
JOHN A. BROWN	1943	190.00
JAMES C. DAVIS	1944	240.00
WILLIAM E. FOSTER	1945	170.00
CHARLES G. HARRIS	1946	260.00
EDWARD H. JONES	1947	230.00
FRANK I. KELLEY	1948	180.00
GEORGE J. LEE	1949	240.00
ALBERT K. MANN	1950	160.00
JOHN L. NICHOLS	1951	280.00
ROBERT O. PETERSON	1952	210.00
JOHN Q. RICHARDS	1953	190.00
WILLIAM R. SMITH	1954	240.00
CHARLES S. TAYLOR	1955	170.00
EDWARD T. WALKER	1956	260.00
FRANK V. YOUNG	1957	230.00
JOHN W. ZIMMERMAN	1958	180.00
ALBERT A. BROWN	1959	200.00
JAMES B. DAVIS	1960	150.00
WILLIAM C. FOSTER	1961	300.00
CHARLES D. HARRIS	1962	250.00
EDWARD E. JONES	1963	220.00
FRANK F. KELLEY	1964	180.00
GEORGE G. LEE	1965	240.00
ALBERT H. MANN	1966	160.00
JOHN I. NICHOLS	1967	280.00
ROBERT J. PETERSON	1968	210.00
JOHN K. RICHARDS	1969	190.00
WILLIAM L. SMITH	1970	240.00
CHARLES M. TAYLOR	1971	170.00
EDWARD N. WALKER	1972	260.00
FRANK O. YOUNG	1973	230.00
JOHN P. ZIMMERMAN	1974	180.00
ALBERT Q. BROWN	1975	200.00
JAMES R. DAVIS	1976	150.00
WILLIAM S. FOSTER	1977	300.00
CHARLES T. HARRIS	1978	250.00
EDWARD U. JONES	1979	220.00
FRANK V. KELLEY	1980	180.00
GEORGE W. LEE	1981	240.00
ALBERT X. MANN	1982	160.00
JOHN Y. NICHOLS	1983	280.00
ROBERT Z. PETERSON	1984	210.00
JOHN A. BROWN	1985	190.00
JAMES C. DAVIS	1986	240.00
WILLIAM E. FOSTER	1987	170.00
CHARLES G. HARRIS	1988	260.00
EDWARD H. JONES	1989	230.00
FRANK I. KELLEY	1990	180.00
GEORGE J. LEE	1991	240.00
ALBERT K. MANN	1992	160.00
JOHN L. NICHOLS	1993	280.00
ROBERT O. PETERSON	1994	210.00
JOHN Q. RICHARDS	1995	190.00
WILLIAM R. SMITH	1996	240.00
CHARLES S. TAYLOR	1997	170.00
EDWARD T. WALKER	1998	260.00
FRANK V. YOUNG	1999	230.00
JOHN W. ZIMMERMAN	2000	180.00

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the County of Dallas, Texas, this 1st day of January, 1901.

Clerk of the County of Dallas, Texas.

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, - - -	7	...	...	...	...	9	2	1	...	...	4	
Cumbernauld, - - -	3	4	...	...	...	26	9	...	...	...	30	
Croy, - - -	...	4	...	...	...	...	...	...	...	...	...	
Duntocher, Hardgate, and Faifley, - - -	...	...	...	...	...	48	10	17	...	...	...	
Old Kilpatrick, - - -	...	...	...	...	...	14	6	5	...	...	...	
Bowling, - - -	...	...	...	...	...	23	11	6	...	...	...	
Milton and Dumbuck, - - -	...	4	6	...	...	...	...	...	...	...	17	
Twechar, - - -	...	...	...	...	...	58	...	...	...	...	...	
Waterside, - - -	...	1	2	...	...	...	...	...	...	...	...	
TOTAL, - - -	10	13	8	...	...	178	38	29	...	...	51	

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	—	2	—	6	—	6
Blacksmiths, -	—	1	—	1	—	—	—	1	—	3	3
Builders, -	—	1	—	—	—	5	1	2	—	8	9
Bootmakers, -	—	—	1	—	—	—	2	1	3	1	4
Brickworks, -	1	—	1	—	—	—	—	—	2	—	2
Butchers, -	3	—	1	—	7	—	4	3	15	—	18
Chemical Works, -	—	—	—	—	—	—	—	—	—	—	—
Coal Merchants, -	—	—	—	—	—	4	—	4	—	8	8
Distillers, -	—	—	—	—	—	—	1	—	1	—	1
Dressmakers, -	—	—	—	—	—	—	1	—	—	—	—
Electrical Manufacturers, -	—	—	—	—	—	—	—	—	1	—	1
Engineers, -	1	—	1	—	—	—	1	—	1	—	1
Fireclay Works, -	1	—	—	—	—	—	—	—	2	—	2
Grain Mills, -	—	—	—	—	—	—	—	—	1	—	1
Hosiery Manufacturers, -	—	—	—	—	—	—	—	—	—	—	—
Joiners and Carpenters, -	1	—	—	—	1	2	2	—	4	2	6
Laundries, -	—	—	—	—	—	—	1	—	1	—	1
Motor Engineers, -	2	4	—	—	1	5	1	1	7	10	17
Plumbers, -	1	1	—	—	—	5	4	4	1	10	11
Painters, -	—	1	—	—	—	6	1	1	—	8	8
Shipbuilders, -	—	—	—	—	—	—	—	—	—	—	—
Sculptors, -	—	—	—	—	—	—	—	—	—	—	—
Tailors, -	—	—	—	—	—	—	—	—	—	—	—
Watchmakers, -	—	—	—	—	—	1	—	1	—	2	2
Miscellaneous, -	4	—	—	—	—	—	7	1	11	1	12
TOTALS, -	16	8	4	1	11	28	27	19	58	56	114

TABLE IV.—PLANS OF BUILDINGS—EASTERN AREA.

PARISH	PLANS Buildings—Altered.			PLANS, Buildings—New.			No. of Buildings Altered.			No. of Buildings New.			No. of Houses Altered.					No. of Houses New						
	Bungalows	Cottages	Villas, Flats and Terrace Houses	Total	Bungalows	Cottages	Villas, Flats and Terrace Houses	Total	Bungalows	Cottages	Villas, Flats and Terrace Houses	Total	2 Apartment	3 Apartment	4 Apartment	5 Apartment	Over 5 Apartment	Total	2 Apartment	3 Apartment	4 Apartment	5 Apartment	Over 5 Apartment	Total
Cumbernauld	—	6	—	6	—	6	—	6	—	5	10	15	2	3	3	—	—	8	—	27	21	—	1	49
Kirkintilloch	1	2	—	3	—	2	—	3	—	—	20	20	—	46	35	—	—	81	—	—	—	—	—	—
New Kilpatrick	85	—	1	86	7	—	—	7	80	—	1	81	6	—	—	67	16	5	88	—	—	6	4	11
West Kilpatrick	6	1	—	7	2	3	2	7	4	1	—	5	2	4	7	13	2	1	3	—	22	8	—	31
TOTALS, . . .	92	9	1	102	9	5	5	19	85	9	1	95	8	9	37	54	4	50	108	49	35	4	3	91

TABLE V.—BUILDING LICENSING TABLE.

MONTH.	No. of Applications received	Value £ s. d.	Withdrawn	Refused	Pending	Licences Issued	Value £ s. d.
January -	3	2,139 0 0	—	—	1	2	939 0 0
February -	18	19,452 10 6	—	—	6	12	8,702 10 6
March -	44	54,341 19 0	1	—	26	17	8,291 19 0
April -	28	16,804 3 4	2	—	6	20	6,999 3 4
May -	15	6,925 19 9	1	—	1	13	6,340 19 9
June -	12	2,648 0 6	1	—	—	11	2,648 0 6
July -	15	5,820 10 0	—	—	1	14	5,570 10 0
August -	12	11,664 1 6	1	—	—	11	11,414 1 6
September -	10	2,902 15 0	—	—	6	4	1,138 2 0
October -	12	4,410 10 9	—	—	6	6	3,013 12 9
November -	7	1,453 0 0	—	—	6	1	150 0 0
December -	6	5,148 0 0	—	—	6	—	—
TOTALS -	182	133,710 10 4	6	—	65	111	55,207 19 4

TABLE VI.—NEW HOUSES AND VACANCIES ALLOCATED DURING THE YEAR, 1951

DISTRICTS	Houses Allocated Apartments					Total	Local Authority		Sub-Tenants		O/C. P.O. Tenants	Huts	Special Cases	Total Moves	Total Number of Persons Involved
	2	3	4	5			Decrowd	Decant	L.A.	P.O.					
Duntocher - -	4	3	—	—		7	2	7	3	3	—	—	1	16	54
Old Kilpatrick and Bowling - -	2	2	3	—		7	—	2	1	6	—	—	—	9	30
Cumbernauld - -	1	2	49	—		52	41	8	28	2	17	—	5	101	348
Kirkintilloch - -	1	11	17	1		30	2	1	4	3	17	—	6	33	155
Bearsden - -	—	2	5	1		8	1	—	Nil.	8	—	—	—	9	28
Totals - -	8	20	74	2		104	46	18	36	22	34	—	12	168	615

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, -	-	-	-	-	18	-	18	-	-	-	-	-	-	-	-	-	18	-	18
Ashpits repaired, -	-	-	-	-	98	-	98	-	2	-	-	-	-	9	15	-	117	-	117
Ashbins provided, -	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-	2
Accumulation of Refuse removed, -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Common Stairs whitewashed or cleaned,	6	-	6	-	12	3	15	-	12	-	-	-	8	-	8	-	41	-	41
Drains cleaned, -	-	-	-	-	-	-	-	-	-	-	-	-	3	1	4	-	5	-	5
Houses—Ceilings repaired, -	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Dirty, cleaned, -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Doors repaired, -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Fireplace repaired, -	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
" " Floors repaired, -	-	-	-	-	-	3	3	-	-	-	-	-	-	2	2	-	3	-	3
" " Plasterwork repaired, -	-	-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	2	-	2
" " Walls repaired, -	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Windows repaired, -	-	-	-	-	1	-	2	-	1	-	-	-	-	5	8	-	15	-	15
Roofs repaired, -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rones defective, -	-	2	2	-	-	3	3	-	-	-	-	-	-	-	5	-	9	-	9
Water Closets defective, -	-	2	2	-	-	2	2	-	-	-	-	-	-	4	4	-	9	-	9
Water Closets cleaned, -	-	2	2	-	3	-	3	-	-	-	-	-	3	-	3	-	4	-	4
Water Supply improved, -	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Waste Pipes repaired, -	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	-	2
Wash Houses repaired, -	-	1	1	-	-	-	-	-	1	-	-	-	-	3	3	-	4	-	4
Soil Pipes repaired, -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vents repaired, -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous, -	-	3	3	-	1	2	3	-	-	-	-	-	-	-	-	-	2	-	2
TOTALS, -	6	13	19	-	136	17	153	-	16	2	16	2	30	27	57	-	245	2	247

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	Miscellaneous	Total.
Cumbernauld, -	3	3	..	4	11	...	4	1	...	2	...	2	12	3	2	6	2	...	...	...	...	1	...	...	...	56
Kirkintilloch, -	...	1	...	...	4	...	...	...	...	...	...	1	4	...	...	1	1	1	...	...	...	...	...	...	...	13
East Kilpatrick,	5	7	3	...	4	2	3	1	4	...	4	...	10	2	3	...	2	...	4	1	5	2	1	2	...	65
West Kilpatrick,	3	7	2	4	9	1	4	...	1	4	1	...	30	2	..	13	4	3	1	1	1	...	...	...	6	97
Totals,	11	18	5	8	28.	3	11	2	5	6	5	3	56	7	5	20	9	4	5	2	6	3	1	2	6	231

REPORT BY COUNTY ENGINEER.

24 GEORGE SQUARE,

GLASGOW, C.2.

October, 1952.

LADIES AND GENTLEMEN,

The past year has been one of anti-climax and disappointment in so far as new schemes were concerned. In the earlier part of the year approvals for schemes such as the extension to the Kilmaronock Water Scheme, the Condorrat and Castlecary Sewerage and Sewage Disposal Schemes and the stabilisation of the tender rates for contracts augered well for the capital works side of the Department. Unfortunately, it was short lived—the announcement of a rearmament programme, the curtailment of capital expenditure and the proposed re-imposition of steel control early next year changed the situation almost overnight. Tender rates for contracts started to rise due to Government Service contracts being issued, the delivery period for pipes for water supply lengthened due to priorities awarded to Defence Contracts, steel supplies for Local Authority works dwindled and the Council was advised that the Castlecary Scheme would require to be postponed to a later date.

The position regarding the supply of pipes for water supply purposes, and especially for supplies to housing development, is causing concern throughout the country. Delivery period for 4-inch internal diameter spun-iron pipes (the size most in common use) is extending to two years, with a hint of even longer periods to come. It may well mean that the National Housing Programme may be seriously affected by this position. The Council raised this matter with the Association of County Councils for consideration.

The year saw the entry of the Scottish Special Housing Association into the Council's Housing Programme at Bendarroch Site, Garelochhead, and Haldane Site, Jamestown. The Association undertook the site preparation work in addition to house building, and it is interesting to note that in so far as the site preparation work is concerned the Association are in a privileged position. They are able to commence work before an estimate of cost has been approved by the Department of Health and do not require to await a starting date which is awarded by the Scottish Building Committee for work of this kind. It was necessary to design the sewerage system and to prepare the water supply layout for the Association. The arrangement as made is that my Department is required to carry out the same procedure as if a public works contractor was being employed on the sites.

During the year the Bearsden Drainage Scheme was completed and connected with the Glasgow system, the Waterside Sewage Treatment Works were put into operation and the Water and Drainage Scheme at Tarbet completed. A start was made on the first development of the new cemetery at Eastfield, Cumbernauld.

The volume of work in connection with the above schemes under preparation, both for water supply and sewerage, along with housing developments, kept the Department fully occupied.

A two-day visit of inspection was made by the Council to the Waterside Sewage Treatment Works, the Pumping Station at Dalmoak, the Waterworks installations at Old Kilpatrick, Renton, Overtoun, Loch Finlas and Auchengaich, the new cemetery at Cardross and the reservoir and generating station at the Loch Sloy Scheme of the North of Scotland Hydro-Electric Board.

The Depute Planning Officer resigned his appointment for health reasons and the vacancy was filled by a promotion appointment. Two Junior Assistants in the County Engineer's Department resigned during the year on receiving appointments with other Local Authorities, and appointments were

made to fill the vacancies. In accordance with policy, there was an exchange of staff between the County Surveyor and the County Engineer's Department.

During the year the Council gave consideration to the grading of appointments in the County Engineer's and the Town Planning Departments which culminated in the adoption of improved gradings. It is considered that the improved salary scales will attract applicants to fill the outstanding vacancies in the establishments.

WATER SUPPLY—GENERAL.

The total rainfall for the year was below average, the months of July, August and October returning figures well below the average. There was, however, no shortage of water in any of the Water Areas, the reservoirs having ample storage capacity.

Further meetings have taken place with the authorities interested in the Regional Scheme for the Detached Area of the County. It is disappointing to report that final agreement has not been reached, and all the more so in view of the recurring shortages of water and lack of pressure in the Croy and Twechar areas. Under the Western Regional Scheme, Dumbarton Burgh reported that the Department of Health had requested details and estimates for a water development scheme with the Water of Luss as its source.

Under the Water (Scotland) Act, 1946, water authorities are empowered to require the supply of water to public institutions, hotels, boarding-houses, restaurants, licensed premises, etc., to be taken by meter, and, during the year, action was taken to have metered supplies to such premises not already metered.

Progress was made in the preparation of Bye-laws for the prevention of waste, undue consumption, misuse or contamination of water. The preparation of these Bye-laws is being carried out in conjunction with the water authorities in Central Scotland and the final draft for submission to the Department of Health is nearing completion.

The Council assumed responsibility for the Water Undertakings at Old Kilpatrick and Luss. A small improvement scheme was carried out at Luss with satisfactory results. An improvement scheme for Old Kilpatrick was submitted to the Department of Health and received approval. The delivery of pipes is such that it will be 1953 before a start can be made.

Good progress was made in the provision of water supplies to agricultural workers' housing sites.

In connection with the War Department's acquisition of an area of land at Garelochhead for service training, and the fact that the catchment area of the reservoirs of the Council's Water Undertaking is within the area, agreement was reached as no troops will be allowed in the catchment areas.

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.

GARELOCH WATER SUPPLY AREA.

The fixing of a contract for the alterations to the former Police Station as a house and office for the Water Superintendent proved to be very protracted, but it is anticipated that the house will be ready for occupancy in the spring of next year.

The reservoirs at Auchengaich, Rhu and Whistlefield had ample supplies of water available during the year to meet the demands of the area.

During the summer the opportunity was taken to carry out further remedial works to a movement on the downstream face of the embankment at Auchengaich Reservoir. The movement was not of a serious nature and the slope of the embankment was graded off. No further movement has been observed on the embankment. The reservoir has been allowed to fill to top water level. The Ministry of Transport requested the Council to provide a new water supply to

Shandon House as an agency service, and this work is in hand.

An approach was made for an augmentation of the water supply to serve the oil depot at Finnart which is in course of expansion. The proposals have been submitted to the Department of Health and discussions have been held with the technical officials. To date, no final decision has been given by the Department.

Fifty-three notices, drawing the attention of owners of property to defective fittings and waste of water, were served during the year. Thirteen underground bursts on communication pipes and 12 bursts on mains were repaired. Five house connections were repaired and 17 new connections given off during the year.

Rainfall for the year was 61.10 inches at Whistlefield Filters, 57.59 inches at Rhu Filters, 72.46 inches at North of Auchengaich Reservoir and 74.31 inches at South of Auchengaich Reservoir.

CENTRAL WATER SUPPLY AREA.

Three hundred and seventy-five notices, drawing the attention of owners of property to defective fittings and waste of water, were served during the year. Forty-two underground bursts on communication pipes and 13 bursts on mains were repaired. Twenty-two connections were renewed, nine cleaned and seven sealed off during the year, while 71 new connections were given off.

CARDROSS AREA.

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

The laying of the new water main to serve the Brooks Road Area was completed and the Ardmore Estate supply disconnected.

CRAIGENDORAN AREA.

The new tank, which is to be used as a balancing tank in the supply to Colgrain, was completed during the year and is now in operation.

Due to the delivery period of pipes for water supply it has not been possible to commence the laying of the new main at Camis Eshan Camp.

RENTON AREA.

Carman Reservoir had an ample storage of water to meet all requirements and no augmentation from Overtoun was required. Inspections for the detection of waste water were continued.

Water mains to serve the Council's housing development at Tontine Park and the development at Turnbull's Loan were laid during the year.

The rainfall recorded for the year at Carman was 47.92 inches.

VALE OF LEVEN AREA.

There was no shortage of water during the year, ample supplies having been in storage.

The works in connection with the raising of the embankment at Loch Finlas Reservoir were completed during the year.

The necessary certificates, covering the satisfactory execution of the works and authority to allow the reservoir to be filled to its new Top Water Level, were certified by the Consulting Engineer in connection with this scheme. The storage is now increased by some 50,000,000 gallons.

The extension to the Overtoun Filters was completed towards the end of the year and is in operation.

An application was made by the Burgh of Dumbarton for a water supply to serve the Castlehill Housing Development, and the Council agreed to this request. It is expected that

the supply will be taken up in the spring of next year. The Burgh have not taken up the supply which they requested to serve the Bellsmyre and Cardross Road developments.

During the year the rainfall measured at Loch Finlas Reservoir was 71.15 inches.

LUSS AREA.

The water supply system was taken over from the estate on 16th May, and a scheme, covering the scraping of the existing mains, improvements at the storage tank and the laying of a new main in the village, was carried out subsequent to that date. The Department of Health awarded a grant towards that part of the scheme for new works which would be incorporated in the Regional Scheme.

The water supply position has been satisfactory since the take over, and no shortages have been experienced.

KILMARONOCK AREA.

The Department of Health gave approval to the proposed extension of the Kilmaronock Water Scheme under the Rural Water Supplies and Sewerage Act, 1944. Due to the supply position of pipes for water mains the contract cannot be put out to tender until early in 1953.

BOWLING AREA.

The water area, as in former years, required to be augmented from Loch Finlas Reservoir.

Nine notices, drawing the attention of owners of property to defective fittings and waste of water, were served during the year. Six underground bursts in communication pipes were repaired. Thirteen house connections were repaired and two new connections given off.

The rainfall recorded at Bowling Filters during the year was 39.99 inches.

OLD KILPATRICK AREA.

The Council is responsible for the water supply system from 16th May. There have been adequate water supplies during the year.

A scheme of improvement and maintenance has been submitted by the Council to the Department of Health, who approved the proposals. In common with other schemes, the pipe delivery position has caused delay in carrying out the work, and it will be 1953 before pipe laying can be started.

Five notices were served on owners of property where defective fittings were located. Five underground bursts on communication pipes and two bursts on mains were repaired.

WATERSIDE WATER SUPPLY AREA.

The bulk supply from the Burgh of Kirkintilloch to this water area provided ample supplies.

An application for a water supply to Calfmuir Cottage had to be refused due to the unreasonable cost which would have been involved.

CLYDEBANK AND DISTRICT WATER TRUST.

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

BEARSDEN AREA.

The supply of water from the Corporation of Glasgow serving the greatest part of Bearsden was satisfactory during the year.

DRAINAGE—GENERAL.

The Cumbernauld South Drainage Scheme made steady progress during the year, and the Twechar Drainage Scheme will be starting early in the new year. Both schemes have been awarded a grant by the Department of Health. The

scheme at Condorrat has been finally approved by the Department, and acceptance made of a tender. It was disappointing that the Department of Health was required to withdraw its approval to the Castlecary Drainage Scheme due to the cuts in financial expenditure, especially so when the suggestion for the formation of a Special Drainage District for this area was made by the Department. The above schemes come under the Rural Water Supplies and Sewerage Act, 1944, and the Distribution of Industry Act, 1945.

The provision of sewers and septic tanks at the agricultural workers' housing site was completed during the year.

The cesspool emptier, delivered late last year, has been kept fully occupied during the year and is proving its worth in clearing septic tanks and flushing sewers.

Glasgow Corporation submitted an application for the drainage of an additional area of their housing development at North Blairdardie into the Bearsden Drainage Area. The Council agreed to the request. In connection with the Corporation of Glasgow's Housing Development at Drumchapel, measures were taken by the Corporation to protect the Council's outfall sewer serving the Bearsden Area, as road works were being carried out over a section of this sewer.

A scheme was prepared for the provision of a sewer and septic tank to serve the Council's proposed housing development at Croftamie.

In connection with the proposed joint drainage scheme with the Burgh of Clydebank, intimation was received from the Burgh that the necessary main sewer had been included in the 1952 programme, and the County accordingly agreed to discuss the scheme with the Town Council.

WESTERN SPECIAL DRAINAGE DISTRICT.

Arrocher and Tarbet Area.

The drainage scheme section of the water and drainage scheme for Tarbet was completed during the year.

The sewers and septic tanks were kept in good order.

Garelochhead Area.

The sewers in the area were maintained in a satisfactory condition during the year.

Rhu Area.

The sewers and detritus tanks in this area functioned satisfactorily during the year.

Craigendoran Area.

In the Cardross and Craigendoran Areas the sewers and detritus tanks operated satisfactorily.

A scheme for the provision of sewers at the Council's housing development has been prepared and submitted for approval.

Vale of Leven and Renton Area.

The analyses of samples of the sewage effluent and the water of the River Leven taken below the discharge point from Dalmoak Pumping Station, at various states of the tide, showed the effluent to be satisfactory. The total inflow of sewage from the District, pumped at Dalmoak Station, was 425,679,000 gallons.

The chambers on the inverted syphon under the River Leven, laid by the contractor to the Scottish Industrial Estates, have required repair works, and the date for the taking over of the syphon has not been agreed.

The preparation of trial compost beds was continued during the year at Dalmoak Pumping Station and further data obtained from analyses of the samples.

The provision of a 500-gallon petrol installation at Dalmoak Pumping Station was approved during the year and the construction work put in hand.

Complaints were received of raw sewage entering the River Leven at Balloch, and investigations proved that this was being caused by the discharge of wash water from an industry. Discussions have taken place with a view to the cancellation of the agreement between the Company and the Council covering this discharge, but no final decision has been reached.

Preliminary investigations have been made for the provision of an outfall sewer from the Council's proposed housing development at Haldane, Jamestown.

Gartocharn Area.

The sewers and sewage treatment works continued to function satisfactorily.

Bowling Area.

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

Old Kilpatrick Area.

The sewers in this area were maintained in a satisfactory condition.

Duntocher Area.

The sewers serving the District functioned satisfactorily throughout the year.

Tenders were received for a further extension to the sewer in Cochno Road to serve additional development.

Agreement was reached on the condition governing the reception of sewage from the Faifley development of Clydebank Town Council into the County Council's sewer.

Bearsden Area.

The repair to the section of the sewer in the Main Drainage Scheme was completed and the connection to the Glasgow Corporation sewer made.

To meet the requirements of private development at Buchanan Drive, an extension to the existing sewer was carried out.

The sewers and pumping stations continued to give satisfactory service.

EASTERN SPECIAL DRAINAGE DISTRICT.

Condorrat Area.

In accordance with the arrangement with the Department of Health, an application was made for permission to proceed with the drainage scheme. Approval was received, and tenders invited. The Department has approved the acceptance of the lowest tender and work will be starting in the new year.

The sewers and pumping station operated satisfactorily. The existing sewage works continue to be over-taxed as they are required to serve an area much in excess of their designed capacity.

Cumbernauld Area.

The sewers at the Council's housing development at Manse Site were completed.

The drainage scheme at Cumbernauld South proceeded satisfactorily during the year.

The sewers and sewage works were maintained in good condition.

Dullatur Area.

The sewers and sewage works functioned satisfactorily during the year.

Waterside Area.

The constructional work on the drainage scheme was completed and the works put into operation.

A depression appeared in the road surface on the line of the sewer in the third housing development at Waterside. It was found that the sewer had settled and that movement had occurred in a manhole. The settlement was caused by the peaty nature of the sub-strata, which was water-bearing. Remedial work was carried out.

The sewers serving the area were maintained in good order.

Croy Area.

The sewers in the area were maintained satisfactorily during the year.

The condition of the sewage works, as stated last year, will necessitate the preparation of a scheme for their improvement.

CINEMATOGRAF ACT.

During the year all premises holding licences under the above Act were inspected and found to be complying with conditions of licence granted by the Council, with the exception of Hall Cinema, Alexandria. The works to bring this cinema up to standard started in the latter half of the year but had not been completed at the close of the year. It was recommended that the seats at Woodilee Mental Hospital be lashed or battened in accordance with the regulations, and this recommendation was carried out.

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.

No applications were received during the year for permission to hold theatrical performances.

TOWN AND COUNTRY PLANNING.

In compliance with the Council's desire to expedite the completion of development plans for the built-up areas in the County, work has been concentrated throughout the year on the preparation of part development plans for the Vale of Leven and an area embracing the Burgh of Kirkintilloch and the village of Waterside. After the Secretary of State had

approved the proposed boundaries of these two areas, the seven secondary surveys were completed and a Survey Analysis Map, Town Map, Survey Report and Written Statement relating to the Vale of Leven Port Area were submitted to the Department of Health for preliminary observations.

For the formal submission of a part development plan of this nature a minimum of 12 maps have to be prepared. The estimated time required to complete this work with the existing staff is approximately two months from the date of the Council's approval of the draft proposals, but experience has shown that there are many unforeseen difficulties which can cause serious delay during this interim period.

As an example, I refer to the unexpected demand, in March, for 32.1 acres of land at Alexandria for the erection of a new Regional Hospital by the Western Regional Hospital Board. The site had been zoned for residential use and, when the hospital development was finally approved in December, it was necessary to review the residential density figures and allocate alternative housing sites to meet the deficit. As a result of this, the time and work involved in the preparation of the detailed maps and reports, which had been prepared for submission to the Secretary of State, were rendered abortive.

New maps and reports are now being prepared to incorporate the revised proposals, and work is proceeding on the draft development plan for the Kirkintilloch Area.

A Standing Sub-Committee was appointed to carry out consultations with adjacent Planning Authorities in connection with the procedure for approval of their respective development plans.

At a meeting with representatives of Dumbarton Town Council regarding the development plan for the Burgh, it was noted that the proposed Castlehill and Bellsmyre residential neighbourhoods extended into the Landward Area of the County, and the Town Council agreed to furnish additional information to explain their reasons for this proposal.

The provisions of the plan relating to the Faifley area of Clydebank Burgh were discussed at a meeting with representatives of the Town Council. The proposals relating to road improvements and services were approved, subject to the adjustment of certain details, but the Council could not agree to the development of new areas for Town Council housing at North Dalnottar and Carleith Farms. It was explained that these areas were required for agriculture and the future development of Duntocher and Hardgate.

Arrangements have now been made for a consultation with representatives of Glasgow Corporation on the zoning provisions of the Glasgow development plan affecting the land adjoining the County Boundary.

INTERIM DEVELOPMENT CONTROL.

This is the first year since the Town and Country Planning (Scotland) Act, 1947, came into operation that I find it unnecessary to report on the introduction of new Regulations affecting Interim Development Control. However, it is now possible to assess the effect of the General Development (Scotland) Order, 1950, which granted a considerable extension in the limits of agricultural, residential, industrial and forestry developments permitted to be carried out without planning permission, and made provision for the determination of applications prior to the submission of detailed plans.

Because of coincidence in the respective totals of applications dealt with in the past two years, the full effect of these new Regulations is evident. A total of 591 applications were received this year, as against 592 received last year. This includes 87 applications which were submitted for provisional approval, compared with 50 submitted last year. It also includes 68 applications which proved to be permitted development, compared with 47 applications of a similar nature received last year. These applications were dealt with in the respective Planning Areas as follows:—

APPLICATIONS.

PLANNING AREA	<i>Postponed or</i>		<i>Granted</i>	<i>Withdrawn</i>	<i>Refused</i>	<i>Total</i>
Clydeside, Gareloch and Loch						
Long - - - -	88	24	8	120		
Vale of Leven - - -	43	22	5	70		
Loch Lomond - - -	32	—	6	38		
Kilpatricks - - - -	106	27	13	146		
Milngavie (1) and (2) - -	18	5	—	23		
Kirkintilloch and Cumbernauld - - - -	84	36	6	126		
<i>Totals</i> - - - -	371	114	38	523		
Exempted under General Development Order, 1950 - -				68		
<i>Total</i> - - -				591		

HOUSING DEVELOPMENT.

LOCAL AUTHORITY.

PLANNING AREA	<i>Postponed or</i>				<i>Total</i>	
	<i>Granted</i>	<i>Withdrawn</i>	<i>Refused</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	8	—	—	2	8
Vale of Leven - - -	2	30	—	—	2	30
Loch Lomond - - -	3	12	—	—	3	12
Kilpatricks - - - -	3	26	—	—	3	26
Kirkintilloch and Cumbernauld - - - -	6	106	—	—	6	106
(b) Burgh:—						
Milngavie (1) and (2) -	1	4	—	—	1	4
Cove - - - -	1	8	—	—	1	8
Helensburgh - - -	1	56	—	—	1	56
Kirkintilloch - - -	1	66	—	—	1	66
<i>Totals</i> - - - -	20	316	—	—	20	316

A.—Applications.

H.—Houses.

HOUSING DEVELOPMENT.

PRIVATE ENTERPRISE.

PLANNING AREA	<i>Postponed or</i>									
	<i>Granted</i>		<i>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>	<i>A.</i>	<i>H.</i>
(a) Landward:—										
Clydeside, Gareloch and										
Loch Long - - -	2	2	—	—	—	—	2	2		
Vale of Leven - - -	2	3	—	—	1	1	3	4		
Loch Lomond - - -	6	6	—	—	1	1	7	7		
Kilpatricks - - -	19	26	1	1	—	—	20	27		
Kirkintilloch and Cum-										
bernauld - - -	1	1	—	—	—	—	1	1		
(b) Burgh:—										
Milngavie (1) and (2) -	2	2	—	—	—	—	2	2		
Helensburgh - - -	3	3	—	—	—	—	3	3		
Kirkintilloch - - -	13	13	—	—	—	—	13	13		
<i>Totals</i> - - -	48	56	1	1	2	2	51	59		
<i>Grand Housing Totals</i> -	68	372	1	1	2	2	71	375		
<i>A.—Applications.</i>			<i>H.—Houses.</i>							

CONVERSIONS.

PLANNING AREA				Postponed or						Total	
				Granted		Withdrawn		Refused			
				A.	H.	A.	H.	A.	H.	A.	H.
(a)	Landward:—										
	Clydeside, Gareloch and										
	Loch Long	-	-	7	14	—	—	—	—	7	14
	Vale of Leven	-	-	—	—	—	—	—	—	—	—
	Loch Lomond	-	-	—	—	—	—	—	—	—	—
	Kilpatricks	-	-	2	3	—	—	—	—	2	3
	Kirkintilloch and Cum-										
	bernauld	-	-	4	5	—	—	—	—	4	5
(b)	Burgh:—										
	Milngavie (1) and (2)	-	—	—	—	—	—	—	—	—	—
	Helensburgh	-	-	1	2	—	—	—	—	1	2
	Kirkintilloch	-	-	—	—	—	—	—	—	—	—
	Totals	-	-	14	24	—	—	—	—	14	24
				A.—Applications.		H.—Houses.					

INDUSTRIAL APPLICATIONS.

PLANNING AREA	<i>Postponed or</i>			<i>Total</i>
	<i>Granted</i>	<i>Withdrawn</i>	<i>Refused</i>	
(a) Landward:—				
Clydeside, Gareloch and				
Loch Long - - -	4	—	1	5
Vale of Leven - - -	3	—	—	3
Loch Lomond - - -	4	—	—	4
Kilpatricks - - -	2	2	1	5
Kirkintilloch and Cum-				
bernauld - - -	10	—	1	11
(b) Burgh:—				
Milngavie (1) and (2) -	1	—	—	1
Kirkintilloch - - -	2	—	—	2
<i>Totals</i> - - -	26	2	3	31

COMMERCIAL APPLICATIONS.

PLANNING AREA	<i>Postponed or</i>			<i>Total</i>
	<i>Granted</i>	<i>Withdrawn</i>	<i>Refused</i>	
(a) Landward:—				
Clydeside, Gareloch and				
Loch Long - - -	2	—	—	2
Vale of Leven - - -	7	1	—	8
Loch Lomond - - -	3	—	1	4
Kilpatricks - - -	7	—	1	8
Kirkintilloch and Cum-				
bernauld - - -	4	—	—	4
(b) Burgh:—				
Milngavie (1) and (2) -	3	—	—	3
Helensburgh - - -	5	—	—	5
Kirkintilloch - - -	4	—	—	4
<i>Totals</i> - - -	35	1	2	38

SECTION 77.

Twenty-two applications were approved for the purpose of Section 77 of the Town and Country Planning (Scotland) Act, 1947, which requires confirmation of claims in respect of land deemed ripe for development before the Appointed Day on 1st July, 1948. These applications related to various sites proposed to be developed for private enterprise housing in Bearsden, Milngavie and Hardgate.

HOUSING SITES SELECTION.

The Secretary of State intimated that, as the procedure contained in D.H.S. Circular 46/1950 had proved successful during the experimental period of one year, he had decided to maintain the arrangement whereby clearances are negotiated by Local Planning Authorities in respect of housing sites selected on their own behalf or by the small Burghs within their area.

In accordance with the instructions contained in Circular 46/1950, clearances were obtained from all relative Authorities and planning approval was granted for the use of the under-noted areas for housing development:—

<i>Site</i>					<i>Acreage</i>	<i>Development</i>
Bearsden	-	-	-	-	5.25	Housing.
Arrochar	-	-	-	-	1.507	Do.
Luss	-	-	-	-	0.3	Police Station.
Condorrat	-	-	-	-	5.7	Housing.
Waterside	-	-	-	-	8.8	Do.
Heather Avenue, Alexandria					16.45	Do.
Luss	-	-	-	-	1.71	Do.
Milngavie	-	-	-	-	0.675	Do.
Gartocharn	-	-	-	-	4.1	Do.
Duntocher	-	-	-	-	8.01	Do.
Bendarroch	-	-	-	-	19.79	Do.
Rhu	-	-	-	-	5.52	Do.
Croftamie	-	-	-	-	1.37	Do.

A site of 27.84 acres at Twechar and one of 5.1 acres at Croy have also been selected for Council housing development, but the National Coal Board have reported that future mining operations are liable to cause subsidence in these areas, and additional information will require to be obtained before the sites can be finally cleared.

DEFENCE REGULATION 68 C.A.

This Regulation, which restricted the change of use of housing accommodation, has been repealed by the Secretary of State, who expressed the opinion that Local Planning Authorities are in a position to protect the public interest under the Town and Country Planning (Scotland) Act, 1947, in cases of material change of use of residential accommodation.

TREE PRESERVATION.

The Forestry Act, 1951, which came into force on the 1st October, provides that no growing trees shall be felled except under licence granted by the Forestry Commission. The Act also empowers the Forestry Commission to impose conditions for securing the re-stocking of land on which tree felling takes place. All applications, with the exception of those relating to certain minor Forestry operations, will now be made to the Forestry Commission in the first instance, and the remedy for any person aggrieved by refusal of permission will be sought under the Forestry Act. However, if the proposal relates to woodlands included in a Tree Preservation Order, the Council will receive a copy of the application and, in the event of their disagreeing with the Forestry Commission on the issue of the Felling Licence, the matter will be referred to the Secretary of State and the provisions of the Town and Country Planning Act will then apply in relation to appeal procedure and compensation.

The Council's Tree Preservation Order No. 2 for the Strathleven Area was provisionally approved by the Secretary of State on the 4th of May. This Order relates to 13 woodland

areas and groups of trees situated on the east side of Route A.82 at Strathleven, between Brackenhurst and Bonhill Quarry. Objections to the Order by one of the landowners are being considered by the Secretary of State, whose decision in the matter is now awaited.

Six applications were granted for selective felling operations at Garemount Estate, Shandon; Barr Wood, Strathleven; Dairy Park, Kilmalid, and in the woodland areas Nos. 4, 6, 9, 13a and 13b at Strathleven in Tree Preservation Order No. 2.

CONTROL OF ADVERTISEMENTS.

Having heard objections by the Scottish Outdoor Advertising Trades Committee the Secretary of State approved the Council's Order relating to Special Control of Advertisements in that portion of the County comprising the proposed Loch Lomond-Trossachs National Park and the eastern side of the Gareloch and Rosneath Peninsula.

APPEALS.

Thirteen appeals were dealt with during the year as follows:—

(1) *Milngavie.*

The Secretary of State upheld the Council's decision to refuse permission for the erection of a Recreation Hall on an inadequate building line at Sinclair Street, Milngavie.

(2) *Twechar.*

An appeal by the National Coal Board against the Council's refusal of permission for the erection of pithead baths at No. 1 Colliery, Twechar, was withdrawn after conditions regarding the water supply had been agreed.

The Secretary of State dismissed an appeal by owners of a caterer's establishment against the Council's decision to refuse permission for the use of a dwelling-house as a tea-room.

(4) *Balloch.*

A temporary permission was granted by the Secretary of State for the use of part of a dwelling-house as a tea-room for a period of three years, on the understanding that the premises would be used exclusively for the benefit of passengers using the tourist facilities offered by the appellants.

(5) *Rosneath.*

An appeal against a replanting condition imposed in the consent granted for clear felling operations at Dark Wood, Rosneath, was withdrawn after agreement had been reached on the area to which the replanting condition would apply.

(6) *Arrochar.*

The Secretary of State upheld the Council's decision to refuse permission for the change of use of one room of a dwelling-house as a tea-room.

(7) *Bearsden.*

An appeal relating to the conversion of a standing bay into a garage at Douglas Park Crescent, Bearsden, was upheld by the Secretary of State.

Appeals relating to the following developments are pending:—

- (1) An advertisement at Main Street/Stirling Road, Cumbernauld.
- (2) An advertisement at Shandon Hydro.
- (3) A Builder's Yard at Burnbrae, Milngavie.

- (4) Housing Development at Garscube Fruit Farm, Bearsden.
- (5) Tree Felling at Camsail Wood, Rosneath.
- (6) Tree Felling at Greenisland Plantation, Rosneath.

CONTRAVENTIONS.

Twenty contraventions were dealt with during the year.

As a result of action taken by the Council, advertisement hoardings at Bowling and Dumbuck, Admiralty signs at Rhu, a timber hut at Shandon, a garage at Bearsden, commercial development at Garelochhead and a dangerous vehicular access at Old Kilpatrick were removed, and applications were obtained for an unauthorised advertisement at Shandon and development at a builder's yard in Milngavie. It was also necessary to demand the removal of caravans at Garelochhead, a kiosk at Balloch and a dangerous vehicular access at Craiglinn.

Three Enforcement Notices were served to secure the removal of holiday huts from a site at Rhu and to clear deposits of building materials and scrap from residential feus at Lenzie and Renton.

All the Enforcement Notices outstanding from last year were effective, with the exception of two relating to the structures at Monaebrook Farm and Blairlusk.

An appeal has been taken to the Sheriff against an Enforcement Notice which was served in respect of the unauthorised use of land as a builder's yard at Bearsden.

SELECTION OF SITES FOR HUTS AND CARAVANS.

Because of lack of co-operation on the part of owners of the various sites selected for this purpose, it was decided that certain sites should be acquired and properly laid out by the Council for hut and caravan development. The proposed sites at Aldochlay and Lenziemill were suggested for the purpose, and it was also decided that the sites at Portkil and Portincaple should be considered for similar treatment.

Objections to the use of the proposed site at Aldochlay have been received, and it is suggested that the Council should investigate alternative sites at Row of Luss Farm, Inveruglas, and Burnfoot, Arden.

ELECTRICITY SUPPLY.

The North of Scotland Hydro-Electric Board intimated their intention to proceed with Constructional Scheme No. 64, which involves the erection of a 33 kV. overhead line to Kepculloch from the Brackenhurst Sub-Station at Strathleven. This proposal was approved, and prints of the scheme have been published.

Approval was also granted, subject to certain adjustments in the Sloy-Killin Section, of the proposed 132 kV. line, comprising Constructional Scheme No. 17, which will link Inveruglas with Tummel Bridge. An 11 kV. spur from Inveruglas to Coiregrogain was approved, and applications relating to the erection of various H.T. spurs and L.T. networks in the Kilmaronock area were granted, subject to routing conditions.

Within the area of the County administered by the South West Scotland Electricity Board, approval was granted for the erection of overhead lines at Garelochhead, Shandon, Helensburgh, Cardross, Hardgate, Drumchapel, Craigton and Inchbelly.

POST OFFICE TELEGRAPHS.

Approval was granted for the erection of overhead telegraph lines and posts at Waterside, Twechar, Bonhill and Cardross, and the Council agreed to designate four sites on the Development Plan as subject to compulsory acquisition for the erection of Unit Automatic Telephone Exchanges at Arden, Rhu, Garelochhead and Arrochar.

The erection of a telephone kiosk at Ballagan was approved under the Rural Allocation Scheme, and the current list of sites proposed to be incorporated in the Scheme was revised

to include Inch Murrin, Aldochlay, Glenmallon, Drumgruie Bridge (Arden) and Glencryan (Cumbernauld).

A Telephone Repeater Station was approved at Kirkintilloch, subject to certain conditions which were confirmed by the Department of Health.

CLYDE VALLEY PLANNING ADVISORY COMMITTEE.

The proposed Constitution of the Clyde Valley Planning Advisory Committee was approved, and it was agreed that the Constitution should now be submitted to the Secretary of State.

I am,

Ladies and Gentlemen,

Your obedient servant,

MALCOLM ROSS,

County Engineer and Planning Officer.

