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STATES OF GUERNSEY
BOARD OF HEALTH

91ST ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
(CONSULTANT COMMUNITY PHYSICIAN)

REPORT FOR
THE YEAR 1989



ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
(Consultant community Physician) for 1989

Lukis House
Grange
St Peter Port
Guernsey

20th June 1990

Sir,

I have the honour to present to you the Annual Report of the Medical Officer of Health for 1989.

I have the honour to be, Sir

Your obedient servant

E. P. Lawrence.

E. P. Lawrence, M.A., M.B., B.Ch.,
F.F.C.M., D.P.H., D.T.M. & H.

Medical Officer of Health/
Consultant Community Physician

The President
Board of Health
Guernsey

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INTRODUCTORY LETTER TO THE BOARD OF HEALTH

20 June 1990

Mr President, Ladies & Gentlemen,

The Board of Health's brief is very wide - "To deal with all matters relating to the health of the Island and Hospital administration therein" (The States' Red Book)

The health of the Island's population depends on five major factors

- the social fabric (Housing, wealth, employment)
- the quality of treatment services
- the environment
- the prevention of illness
- and the effectiveness of health promotion.

Historically in Guernsey the Medical Officer of Health's concern has been with the last three of these five ingredients. It is time for a change, to widen his remit.

The equivalent post in England is the Consultant Community Physician, who has extra responsibilities, particularly in the field of developing medical care in the community and especially in the introduction of Health Centres. In addition he takes the lead in planning services across the hospital/community boundary both within and outside hospitals.

In Guernsey this concept has been slow to develop, partly because the MOH was already fully occupied with environmental and preventive health matters, and he was not able to divert his time to hospital problems.

This is my last report as your Medical Officer of Health (Consultant Community Physician). With the benefit of hindsight I am now convinced that Guernsey needs a doctor with wider experience of health service management as a Director of Public Health (the latest title for the old MOH) to spend just as much time on the epidemiology and planning of all health care, both inside and outside hospital, as well as maintaining an over view of environmental matters and the prevention of illness. One of this Island's strongest medical assets lies in the quality of its 63 private medical practitioners. Means must be found to work with them in a more positive, collaborative way in order to maintain and improve the existing high standard of health care in Guernsey. It is vital to maintain this high standard in as efficient and effective way as possible, within the financial resources available.

Health care is becoming increasingly expensive and takes an ever larger slice of the Island's budget each year. Public opinion and political decisions decide just how much of the total budget should be spent on health care. Nevertheless it should be the Director of Public Health's responsibility to advise the Board of Health how this budget might be used most effectively, from an understanding of the epidemiology and economies of the provision of health care. If there is sudden inflexible control (in the shape of no new projects, no new staff and no increase in expenditure) there is the very real risk of producing a second rate service. In health, just as for all other services, what is cheapest is not necessarily the most effective, either this year or in the longer term.

To turn to more specific, traditional aspects of an MOH's annual report, the health of Guernsey remains satisfactory and will improve substantially provided that the present level of support for the Health Promotion Unit is not allowed to decline. This needs sustained commitment to the objective of the Unit. The toll of avoidable early death from cancer of the lung (20 deaths under 75 years of age in 1989) and from heart disease (57 deaths in the under 75s) continues and effective prevention will take time to show results - but a change of life style is still the best bet in reducing this level of mortality.

Little progress has been made in making such changes easy. The profit motive still counts for more than the prevention of illness: tobacco advertising, availability and price have as their objective the sale of cigarettes, not the preservation of health. Things are not so black in other fields - both the public and the provider are moving towards the more sensible use of alcohol, even if slowly. However, more people are eating a more healthy diet, partly as a result of the Health Promotion Unit's work, and exercise is as ever a popular Island activity.

The Community Health Department's nursing services continue to improve. They deliver a high standard and great variety of care in the patient's home and are moving towards the "Hospital at Home" concept, so that admission to hospital is necessary only for more elaborate specialised care or when continuing care at home is no longer feasible. In 1989, more than 1400 individuals were helped by the Community Nursing Service, involving more than 50,000 home visits.

Health Visitors, School Nurses and Clinical Medical Officers provided their usual high standard of preventive child health services for the Island's 4000 children under 5 and 8000 school children. The greatest handicap to the service has been the delay in appointing a successor to Dr Creery, Senior Clinical Medical Officer, who retired in July after giving six years of highly professional paediatric support to the service.

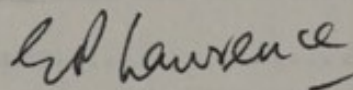
Community nursing staff are now fully attached to doctors' practices and the Primary Care Team is starting to become more of a reality. The adaptation of practice premises to become comprehensive Health Centres, and including practice based and practice employed nurse practitioners, should be the next development.

The Environmental Health Department is working under increasing strain through trying to forestall and prevent problems, rather than perpetually having to react after danger has arisen. As in so much of preventive medicine, it is exceedingly hard to sell the importance of an activity whose end point is apparently negative - the absence of an environmental hazard - rather than simply cataloguing the number of nuisances abated as a measure of success.

Over the years there has been a regular succession of detailed reports and recommendations about the future of health care in Guernsey. Doctors, management consultants and accountants have in turn examined, dissected and analysed Guernsey's health problems. Each has emphasised the strengths of the existing system, and suggested ways of improving on it, and above all have noted the hazards of imposing alternative or historical NHS style solutions. Many improvements in the delivery of health care have resulted, but there has been no answer to the fact that there is no such thing as "free health care". At the end of the day the service must be paid for - by the States, or by individual patients, either at the time or spread out as Insurance premiums. One aspect that can be improved is to avoid adding the damaging effect of financial stress to medical hardship when illness strikes. At present half the population are covered by voluntary health insurance of one sort or another. For the rest, the early introduction of a compulsory insurance scheme could reduce this added burden. It is fervently to be hoped that we are near the end of the lengthy gestation period and will soon see the birth of such a scheme.

I should like to thank all the staff, both past and present, who have given of their best in keeping Guernsey's preventive and community health services running efficiently. Their work sets the tone and style of a much appreciated service. I have had a fascinating seven years in Guernsey as your MOH and wish the Island well for the future.

Yours faithfully

A handwritten signature in dark ink, appearing to read 'L. Lawrence', with a horizontal line underneath.

Medical Officer of Health
(Consultant Community Physician)

FOR 1989

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Table 1

VITAL STATISTICS - 1989 - GUERNSEY

	1989 (Est.)	1988
Estimated mid year resident population.....	59,500	55,482
Population density per acre (area 16,063 acres).....	3.7	3.45
Live Births.....	688	680
Live birth rate per 1,000 population.....	11.6	12.3
Illegitimate births.....	126	149
Illegitimate birth rate per 1,000 live births.....	183.1	219.2
Stillbirths.....	3	3
Stillbirth rate per 1,000 total births (live and still)..<	4.3	4.4
Marriages.....	452	445
Marriage rate - persons marrying per 1,000 population....	15.2	16.0
Divorces.....	172	165
Divorce rate - persons divorcing per 1,000 population....	5.7	5.9
Deaths.....	584	589
Death rate per 1,000 population.....	9.8	10.6
Corrected death rate (comparability factor 0.91).....	8.9	9.6
Infant deaths - (in first year of life).....	4	5
Infant death rate per 1,000 live births.....	5.8	7.4
Neonatal deaths - (in first four weeks of life).....	2	3
Neonatal mortality rate per 1,000 live births.....	2.9	4.4
Early neonatal deaths - (in first week of life).....	2	3
Early neonatal mortality rate per 1,000 live births.....	2.9	4.4
Perinatal deaths - (stillbirths and early neonatal deaths)..<	5	6
Perinatal mortality rate per 1,000 total births (live and still)	7.2	8.8
Maternal deaths.....	0	0
Deaths from cancer, all forms.....	166	168
Cancer mortality rate per 1,000 population.....	2.8	3.0
Cancer of trachea, bronchus and lung (ICD 162).....	43	39
Lung cancer mortality rate per million population.....	723	703
Lung cancer deaths per 100 deaths from all cancer.....	26.0	23.2
Deaths due to tuberculosis, all forms.....	0	0

(These figures are for the Island of Guernsey only)

Table 2

Comparison of Selected Vital Statistics	GUERNSEY					England and Wales and Wales Provisional figures
	1989		Rates: 5 year range 1984 - 1988			
	No.	Rate	Mean of 5 years	Highest in 5 years	Lowest in 5 years	
Estimated mid-year resident population	59,500	-	-	-	-	50,400,00
Live births (rate per 1,000 population)	688	11.6	11.8	12.3	11.2	13.9
Stillbirths (rate per 1,000 total births live and still)	3	4.3	6.5	10.8	5.9	N/A
Illegitimate live births (rate per 1,000 live births)	126	183	173	219	143	N/A
Marriages (rate, persons marrying per 1,000 population)	N/A	N/A	15.5	16.7	13.7	N/A
Deaths: resident population (rate per 1,000 population)	584	9.8	10.8	11.4	10.4	11.4
Deaths from cancer, all forms (rate per 1,000 population)	166	2.8	2.8	3.2	2.4	N/A
Lung cancer deaths (rate per 100 cancer deaths, all forms)	43	26.0	25.4	30.2	20.3	20.4
Infant deaths, (rate per 1,000 live births)	4	5.8	6.6	10.1	3.0	8.7
Neonatal deaths (rate per 1,000 live births)	2	2.9	4.4	6.7	1.5	4.6
Early neonatal deaths (rate per 1,000 live births)	2	2.9	4.1	6.7	1.5	N/A
Perinatal deaths (rate per 1,000 total births -live & still)	5	7.2	10.9	15.4	7.4	8.6
Maternal deaths (rate per 1,000 total births - live & still)	0	0	0	0	0	N/A
Deaths due to tuberculosis, all forms (rate per 1,000 population)	0	0	0	0	0	N/A

Population, Live Births and Live Birth Rate, Deaths, Crude Death Rate
 Infant Deaths and Infant Death Rates, 1961 - 1989 inclusive

Year	Resident Population +	Live Births	Birth Rate	Crude			Infant Deaths	Infant Death Rate
				Deaths	Death Rate*	Deaths		
1961	44,012 C	757	17.2	569	12.9	16	21.1	
1962	44,705	797	17.8	569	12.7	15	18.8	
1963	45,395	842	18.6	542	11.9	24	28.5	
1964	46,085	891	19.3	540	11.7	19	21.3	
1965	46,775	816	17.5	568	12.1	16	19.6	
1966	47,465	780	16.4	564	11.9	13	16.7	
1967	48,160	741	15.4	546	11.3	21	28.3	
1968	48,840	752	15.4	656	13.4	16	21.3	
1969	49,540	830	16.8	643	13.0	14	16.9	
1970	50,230	794	15.8	616	12.3	13	16.4	
1971	50,921 C	768	15.1	646	12.7	10	13.0	
1972	51,465	790	15.4	576	11.2	14	17.7	
1973	52,005	653	12.6	595	11.4	12	18.4	
1974	52,550	679	12.9	610	11.6	9	13.3	
1975	53,095	611	11.5	634	11.9	9	14.7	
1976	53,637 C	623	11.6	606	11.3	9	14.5	
1977	54,270	587	10.8	617	11.4	5	8.5	
1978	54,320	582	10.7	567	10.4	9	15.5	
1979	54,570	646	11.8	601	11.0	8	12.4	
1980	53,390	622	11.7	571	10.7	8	12.9	
1981	53,313 C	619	11.6	595	11.2	11	17.8	
1982	53,300	589	11.1	630	11.8	6	10.2	
1983	53,300	660	12.4	661	12.4	5	7.6	
1984	53,300	596	11.2	581	10.7	6	10.1	
1985	53,300	642	12.0	608	11.4	4	6.2	
1986	55,482 C	671	12.1	614	11.1	2	3.0	
1987	55,482	644	11.6	577	10.4	4	6.2	
1988	55,482	680	12.3	589	10.6	5	7.4	
1989	59,500	688	11.6	584	9.8	4	5.8	

+ Estimated mid-year population * Rates per 1000 population ~ Infant death rate per 1000 live births

C = Census figure

Table 4

POPULATION ESTIMATES - 1961 - 1989

GUERNSEY (Including Herm and Jethou)

Estimated populations are based on the information available from previous censuses taken together. The working has been explained in the MOH's Annual Reports for 1978 and 1979, to which reference should be made for detail. The effect of immigration is an elusive factor to quantify and is not shown.

In addition, there are about 10,000 tourist beds available in the Island.

YEAR	POPULATION	MALE	FEMALE	BIRTHS	DEATHS	NATURAL INCREASE
1961 C	44,012	21,172	22,840	757	569	188
1962	44,705	21,505	23,200	797	569	228
1963	43,395	21,835	23,500	842	542	300
1964	46,085	22,165	22,165	891	540	351
1965	46,775	22,500	24,275	861	568	248
1966	47,465	22,830	24,635	780	564	216
1967	48,160	23,165	24,995	741	546	195
1968	48,840	23,490	25,350	752	656	96
1969	49,540	23,830	25,710	830	643	187
1970	50,230	24,160	26,070	794	616	178
1971 C	50,921	24,493	26,428	766	646	120
1972	51,465	24,755	26,710	790	576	214
1973	52,005	25,040	26,965	652	595	57
1974	52,550	25,330	27,220	679	610	69
1975	53,095	25,620	27,475	611	634	-23
1976 C	53,637	25,909	27,728	623	606	17
1977	54,270	26,210	28,060	587	617	-30
1978	54,320	26,235	28,085	582	567	15
1979	54,570	26,357	28,213	646	601	45
1980	53,390	25,740	27,650	622	571	51
1981 C	53,313	25,701	27,612	619	595	27
1982	53,300	25,720	27,580	589	630	-41
1983	53,300	25,720	27,580	660	661	-1
1984	53,300	25,720	27,580	596	581	15
1985	53,300	25,720	27,580	642	608	34
1986 C	55,482	26,859	28,623	671	614	57
1987	55,482	26,859	28,623	644	577	67
1988	55,482	26,859	28,623	680	589	91
1989	59,500	28,804	30,696	688	584	104

C Census Year

CENSUS POPULATIONS 1821 TO 1986

Table 4.1

	GUERNSEY	ALDERNEY	SARK	HERM	JETHOU	BAILIWICK	
1821	20,302	1,154	488	28	9	21,981	
1861	29,804	4,932	583	41	5	35,365	
1911	41,823	2,561	579	33	2	44,998	
1961	44,968	1,472	561	90	8	47,099	
1971	51,351	1,686	590	96	11	53,734	
1981	53,268	2,086	N/K	37	8	56,000	(Est)
1986	55,482	2,130	N/K	59	2	58,200	(Est)

INFANT IMMUNISATION - GUERNSEY

The number of infants eligible for immunisation (at risk from the disease) for each year of the table is arrived at by deducting infant deaths and emigrants from births in that year and adding immigrant infants still requiring immunisation. "Protected" children are those who have had a complete primary course of immunisations, or who have started their course of injections in the last year. Guernsey figures are above the UK average except in the case of vaccination with MMR, where the uptake is 62.4% compared with 85% on the mainland.

Table 5

Year	Infant Population at risk by year of birth	PROTECTED AGAINST							
		Diphtheria and Tetanus		Whooping Cough		Polio		Measles or MMR	
		No	%	No	%	No	%	No	%
1980	575	563	98.9	322	56.0	-	-	-	-
1981	590	548	92.9	378	64.0	400\$	67.8	56	9.5
1982	592	442	80.7	401	73.1	378	58.6	162	23.9
1983	660	531	81.1	465	70.5	403	61.1	240	36.4
1984	609	528	86.7	468	76.8	436	71.6	308	50.6
1985	614	588	95.8	512	83.4	547	89.1	382	62.2
1986	721	667	92.5	602	83.5	667	92.5	553	73.9
1987	658	621	94.4	556	84.5	615	93.5	454	69.0
1988	665	642	96.5	605	91.0	635	95.5	415	62.4
1989	673	559*	83.1	548*	81.4	559*	83.1	51*	7.6
1989	UK Averages:	87%		77%		87%		85%	

* These figures are incomplete. Infants born in the last quarter of 1989 are only just commencing immunisation by the year's end.

Figures for protection against polio were not collected separately until 1981. It has always been routine practice to offer polio vaccine at the same time as Triple antigen, so the number of babies protected against polio is virtually the same as that for Diphtheria and Tetanus.

Table 6

IMMUNISATIONS GIVEN BY THE COMMUNITY HEALTH DEPARTMENT

	<u>1989</u>	<u>1988</u>	
B.C.G.	Nil	498	Routine vaccination of school children
Rubella	284	293	
Hepatitis B	859	298	Staff Health Service
Rabies	37	29	

In Guernsey, infant immunisation is given by the family doctors and paid for by the Board of Health.

In all, 317 Health staff were vaccinated against Hepatitis B in 1989.

Table 7

STATISTICS RELATING TO BIRTHS AND INFANT DEATHS - 1930 - 1989

Five Year Averages	Live Births	Birth Rate	Male Live Births	Female Live Births	Still Births		Infant Deaths		Neonatal Deaths		Early Neonatal Deaths		Perinatal Deaths		Maternal Deaths	
					No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1930-34	749	18.4	377	372	27	34.3	44	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1935-39	787	18.4	408	379	31	38.7	41	51.3	N/A	N/A	N/A	N/A	N/A	N/A	3	3.2
1945-49	766	19.7	391	375	17	22.3	23	29.2	N/A	N/A	N/A	N/A	N/A	N/A	1	1.6
1950-54	734	16.6	369	365	13	17.9	18	24.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1955-59	704	16.7	375	329	13	18.6	17	24.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1960-64	811	17.9	412	399	14	17.3	17	20.6	13	14.4	N/A	N/A	N/A	N/A	N/A	N/A
1965-69	785	17.2	400	385	11	14.6	16	20.5	13	14.8	11	13.7	22	27.9	Nil*	Nil
1970-74	736	14.9	377	359	9	12.0	11	15.5	8	11.1	7	10.0	16	21.7	Nil*	Nil
1975-79	610	11.3	316	294	6	9.4	8	13.1	5	8.4	5	8.4	11	17.1	Nil	Nil
1980-84	617	11.6	325	292	4	6.4	6	9.7	5	8.5	3	5.2	7	11.6	Nil	Nil
1985-89	664	11.9	340	324	4	6.0	4	6.0	2	3.7	2	2.7	6	9.0	Nil	Nil
Annual Figures																
1980	622	11.7	339	283	5	8.0	8	12.9	6	9.7	4	6.4	9	14.4	Nil	Nil
1981	619	11.6	335	284	5	8.0	11	17.8	7	11.3	4	6.5	9	14.4	Nil	Nil
1982	589	11.1	314	275	3	5.1	6	10.2	5	8.5	2	3.4	5	8.5	Nil	Nil
1983	660	12.5	337	323	4	6.1	5	7.6	4	6.1	2	3.0	6	9.0	Nil	Nil
1984	596	11.2	299	297	3	5.0	6	10.1	4	6.7	4	6.7	7	11.7	Nil	Nil
1985	642	12.0	338	304	7	10.8	4	6.2	3	4.7	3	4.7	10	15.4	Nil	Nil
1986	671	12.1	326	345	4	5.9	2	3.0	1	1.5	1	1.5	5	7.4	Nil	Nil
1987	644	11.6	327	317	4	6.2	4	6.2	3	4.7	2	3.0	6	9.3	Nil	Nil
1988	680	12.3	351	329	3	4.4	5	7.4	3	4.4	3	4.4	6	8.8	Nil	Nil
1989	688	11.6	361	327	3	4.3	4	5.8	2	2.9	2	2.9	5	7.2	Nil	Nil

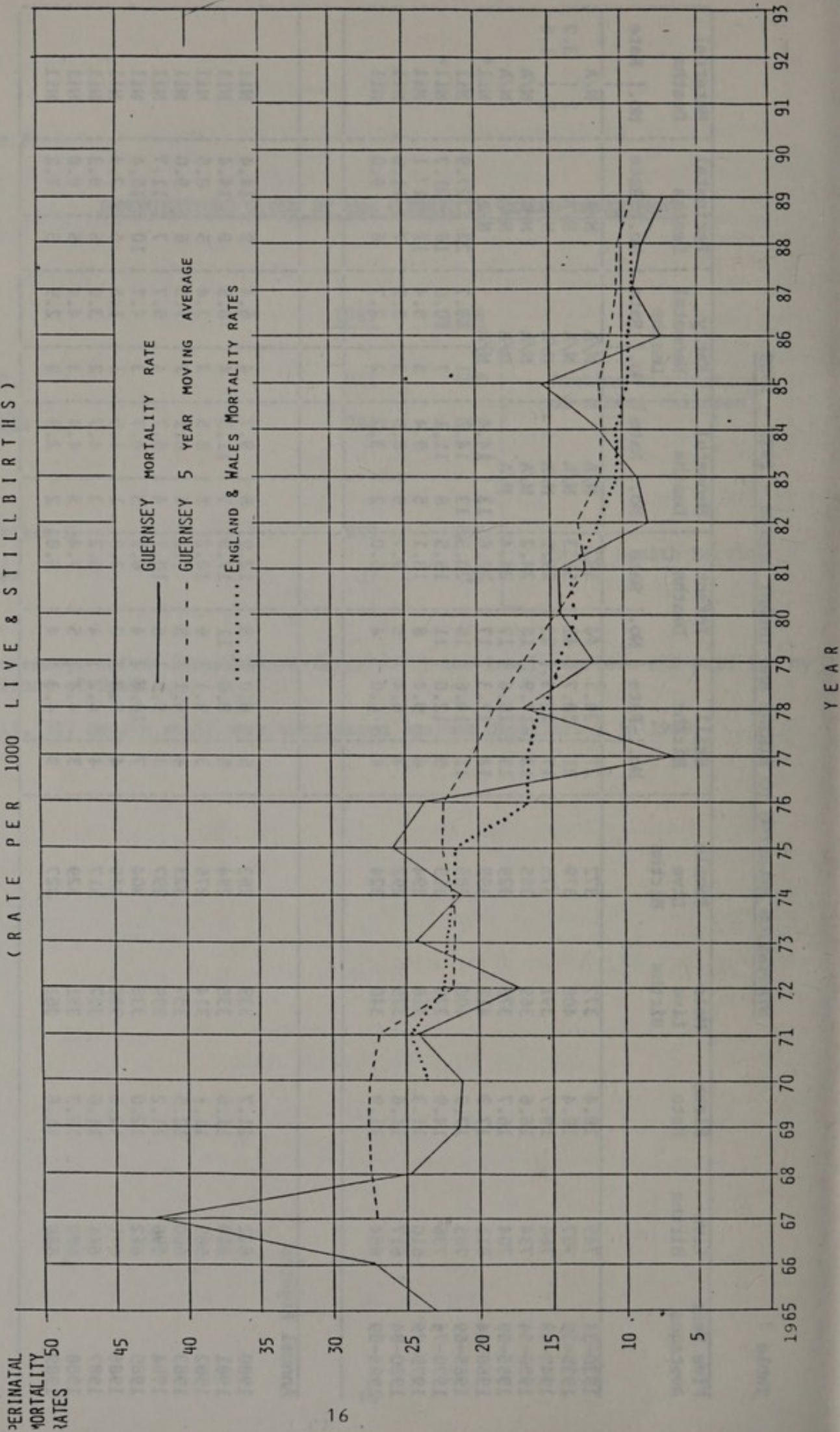
Note: N/A = Figures not available

Five year average numbers to nearest whole number

* There was 1 maternal death in each of these 5 year periods

Fig. 1

PERINATAL MORTALITY RATES
(RATE PER 1000 LIVE & STILLBIRTHS)



Statistics for Community Nursing Service

Table 8

VISITS	1985	1986	1987	1988	1989
General	47,647	51,174	53,370	52,845	37,892
Visits to 65 & over	39,622	45,130	44,752	46,828	31,545
% of visits to 65 & over	83.1	88.2	83.9	88.6	83.2
Twilight nursing visits	9,250	9,146	11,960	11,218	12,500
Total visits	56,897	60,320	65,330	64,063	50,392

Table 9

PATIENTS	1985	1986	1987	1988	1989
New referrals	667	839	772	876	950
Existing patients	481	505	529	525	477
Total number of patients	1148	1344	1291	1401	1427

CONTROL OF DANGEROUS DRUGS

The import, export, production, supply and possession of certain powerful addictive drugs such as morphine and heroin, is controlled by law to prevent abuse and ensure they are used only for prescribed treatment.

The management of the 5 notified addicts resident in the Island was reviewed regularly. In addition there are 6 individuals habituated to drugs that do not fall within the legal category of controlled drugs of addiction. These are also kept under surveillance. There was no increase in numbers during the year.

The Medical officer of Health on behalf of the Board of Health has a duty to inspect and sign Import Licences for Controlled Drugs.

Misuse of Drugs

Importation Licences for Controlled Drugs issued annually

1976	40	(from June 1st only)
1977	80	
1978	89	
1979	82	
1980	87	
1981	117	
1982	112	
1983	117	
1984	118	
1985	132	
1986	150	
1987	147	
1988	141	
1989	137	

Table 10

NOTIFICATIONS OF INFECTIOUS DISEASES

	1970	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89
Measles	-	-	-	-	1292	13	25	523	217	3	581	123	71	258	27	140	75	8	42	
Rubella \$\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mumps \$\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whooping Cough	-	-	3	1	12	5	5	157	23	69	17	11	42	48	-	-	14	27	23	
Food Poisoning	1	3	1	-	-	12	13	33	59	28	38	29	27	22	17	32	160	48	78	4
Dysentery	1	-	-	-	-	-	-	-	-	-	2	3	1	1	-	-	-	-	-	-
Paratyphoid Fever	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Scarlet Fever	-	-	2	1	3	11	1	3	8	5	2	9	3	4	-	1	-	-	-	-
Active Hepatitis	-	-	-	1	3	6	3	3	5	2	3	3	2	4	-	-	5	2	13	9
Acute Encephalitis	-	6	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Acute Meningitis	-	-	2	2	3	-	2	1	1	1	1	-	1	1	-	-	1	-	4	6
Malaria	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Tetanus	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
Tuberculosis *	8	9	3	3	7	6	8	8	8	2	3	5	4	3	2	8	1	5	3	4
AIDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1

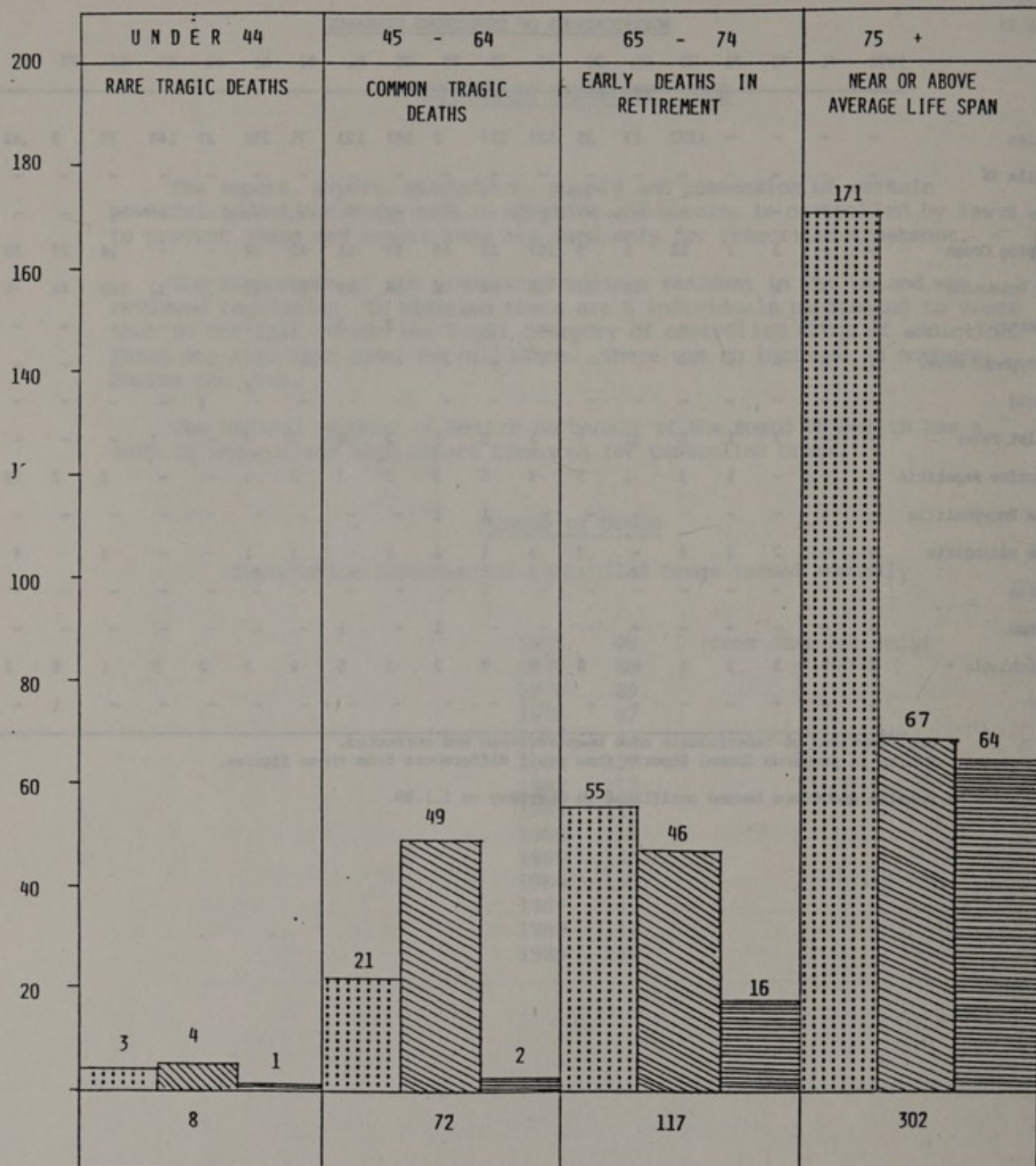
* Notifications of tuberculosis have been reviewed and corrected.

Tables in previous Annual Reports show small differences from these figures.

\$\$ Rubella and Mumps became notifiable in Guernsey on 1.1.89.

Fig. 2

PRINCIPAL CAUSES OF PREMATURE DEATH IN GUERNSEY BY AGE - 1989



GROUP VII CIRCULATORY SYSTEM (STROKES, HEART DISEASE)
TOTAL 250 DEATHS



GROUP II CANCERS - TOTAL 166 DEATHS



GROUP VIII RESPIRATORY DISEASES - TOTAL 83 DEATHS

TOTAL DEATHS IN GUERNSEY
IN 1989 = 584

TOTAL DEATHS 499 (GROUPS II, VII, VIII)

DEATHS - CLASSIFIED BY CAUSE AND SEX, 1987 - 1989

Table 11

GROUP	1987			1988			1989		
	M	F	Total	M	F	Total	M	F	Total
I Infectious and Parasitic Diseases	1	1	2	2	1	3	2	-	2
II Cancer and new Growths	78	55	133	93	75	168	85	81	166
III Endocrine, Metabolic and Immune Diseases	1	1	2	-	1	1	1	-	1
IV Anaemias	1	-	1	-	1	1	-	-	-
V Mental Disorders	3	1	4	1	4	5	4	3	7
VI Nervous and Sensory Disorders	5	7	12	2	2	4	5	2	7
VII Heart and Circulatory Diseases	134	152	286	134	117	251	129	121	250
VIII Respiratory Disease	29	38	67	34	46	80	37	46	83
IX Digestive System Diseases	7	15	22	10	10	20	6	10	16
X Genitourinary Diseases	8	7	15	7	5	12	4	11	15
XI Complications of Childbearing	-	-	-	-	-	-	-	-	-
XII Skin Conditions	-	-	-	-	1	1	-	-	-
XIII Diseases of Bone, Muscle and Joints	1	-	1	-	3	3	-	-	-
XIV Congenital Anomalies	1	1	2	1	-	1	1	1	2
XV Diseases of Foetus and Newborn	2	-	2	1	-	1	1	-	1
XVI Ill-defined Conditions	4	4	8	5	8	13	3	12	15
XVII Accident, Injury and Poisoning	12	8	20	17	8	25	9	10	19
Totals :	287	290	577	307	282	589	287	297	584

Table 12 GUERNSEY - DEATHS BY I.C.D. 3 FIGURE CODES AND AGE GROUPS - 1989

CAUSE OF DEATH	Total all Ages		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GROUP I Infectious Diseases	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
GROUP II Cancers	85	81	-	-	-	1	-	-	1	2	24	25	26	20	34	33
GROUP III Endocrine or Metabolic Disease	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
GROUP V Mental Disorders	4	3	-	-	-	-	-	-	1	-	1	-	-	-	2	3
GROUP VI Nervous system Diseases	5	2	-	-	-	-	-	-	2	-	-	1	1	-	2	1
GROUP VII Heart & Circulatory Diseases	129	121	-	-	-	-	-	-	2	1	16	5	32	23	79	92
TOTALS Carried forward	226	207	-	-	-	1	-	-	7	3	41	31	60	43	118	129

GUERNSEY - DEATHS BY I.C.D. 3 FIGURE CODES AND AGE GROUPS - 1989

Table 12 cont.

CAUSE OF DEATH	Total all Ages		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
carried forward	226	207	-	-	-	1	-	-	7	3	41	31	60	43	118	129
GROUP VIII Respiratory Diseases	37	46	-	-	-	-	-	-	1	-	-	2	13	3	23	41
GROUP IX Digestive system Diseases	6	10	-	-	-	-	-	-	1	1	1	2	-	3	4	4
GROUP X Genito Urinary Diseases	4	11	-	-	-	-	-	-	-	-	-	-	-	2	4	9
GROUP XIV Congenital anomalies	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
GROUP XV Diseases of newborn	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
GROUP XVI Ill defined Conditions	3	12	1	-	-	-	1	-	-	-	-	-	-	-	1	12
GROUP XVII Accidents, injuries, Poisoning	9	10	-	-	-	-	-	-	2	-	2	-	5	10	-	-
TOTALS ALL GROUPS	287	297	3	1	-	1	1	-	11	4	44	35	78	61	150	195

Table 13

GROUP VII - DISEASES OF THE CIRCULATORY SYSTEM

DEATHS FROM HYPERTENSION, "CORONARIES" AND "STROKES" 1984 - 1989

I.C.D. Codes	Cause of Death	1984		1985		1986		1987		1988		Average 84 - 88		1989	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
400 - 404	Hypertensive heart disease ("Blood Pressure")	2	7	5	6	8	6	3	2	4	2	4	5	2	5
410 - 414	Ischaemic heart disease ("Coronaries")	78	50	75	59	79	77	82	78	74	56	78	64	80	57
430 - 438	Cerebrovascular disease ("Strokes")	15	40	27	36	26	35	22	45	23	29	23	37	26	33
ALL GROUP VII CODES		124	133	140	127	141	149	134	152	134	117	135	136	129	121

Fig. 3

TABLE:- GROUP VII - DISEASES OF CIRCULATORY SYSTEM - DEATHS FROM HYPERTENSIO, "CORONARIES" AND STROKES, 1985 - 1989

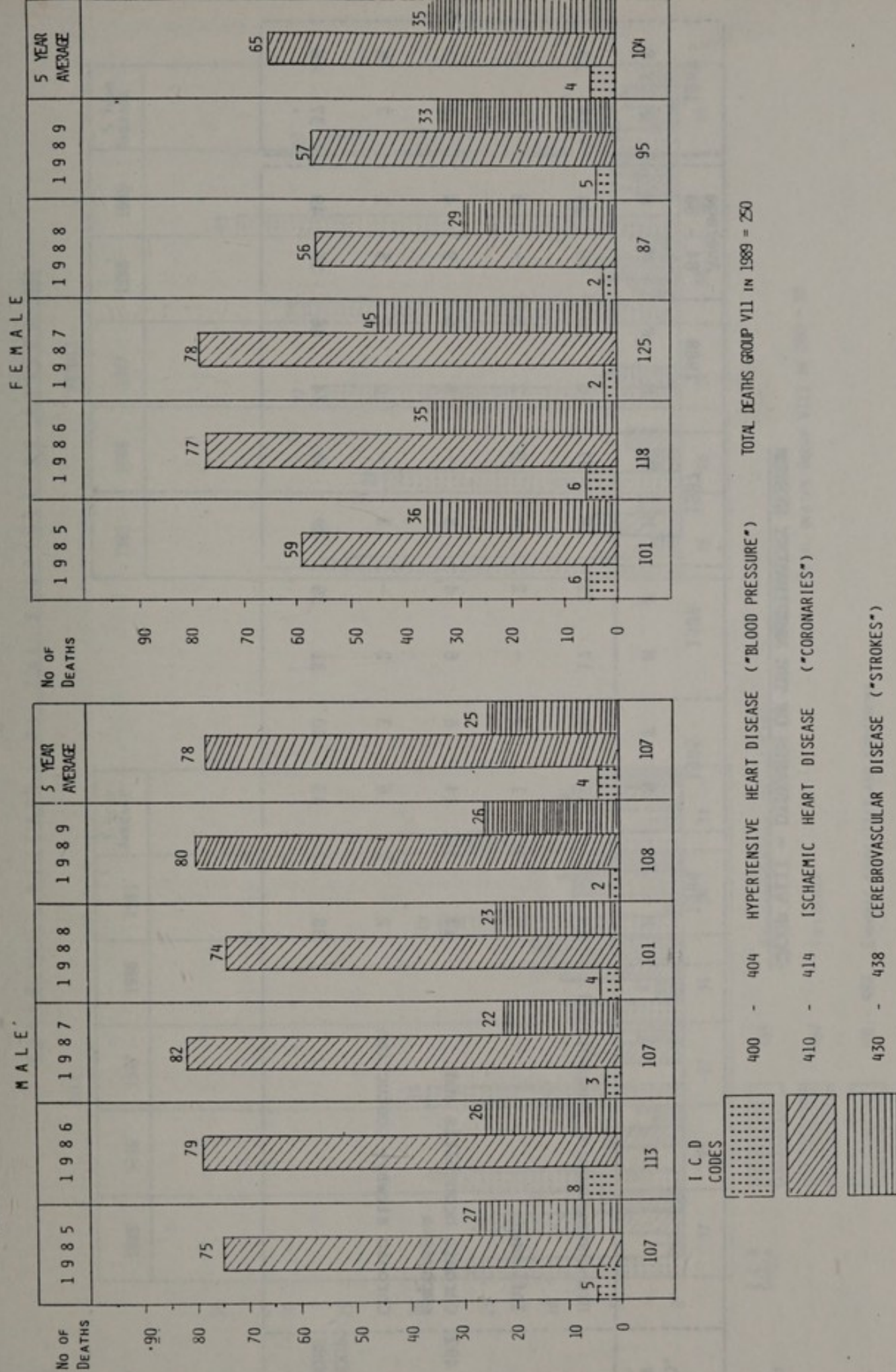
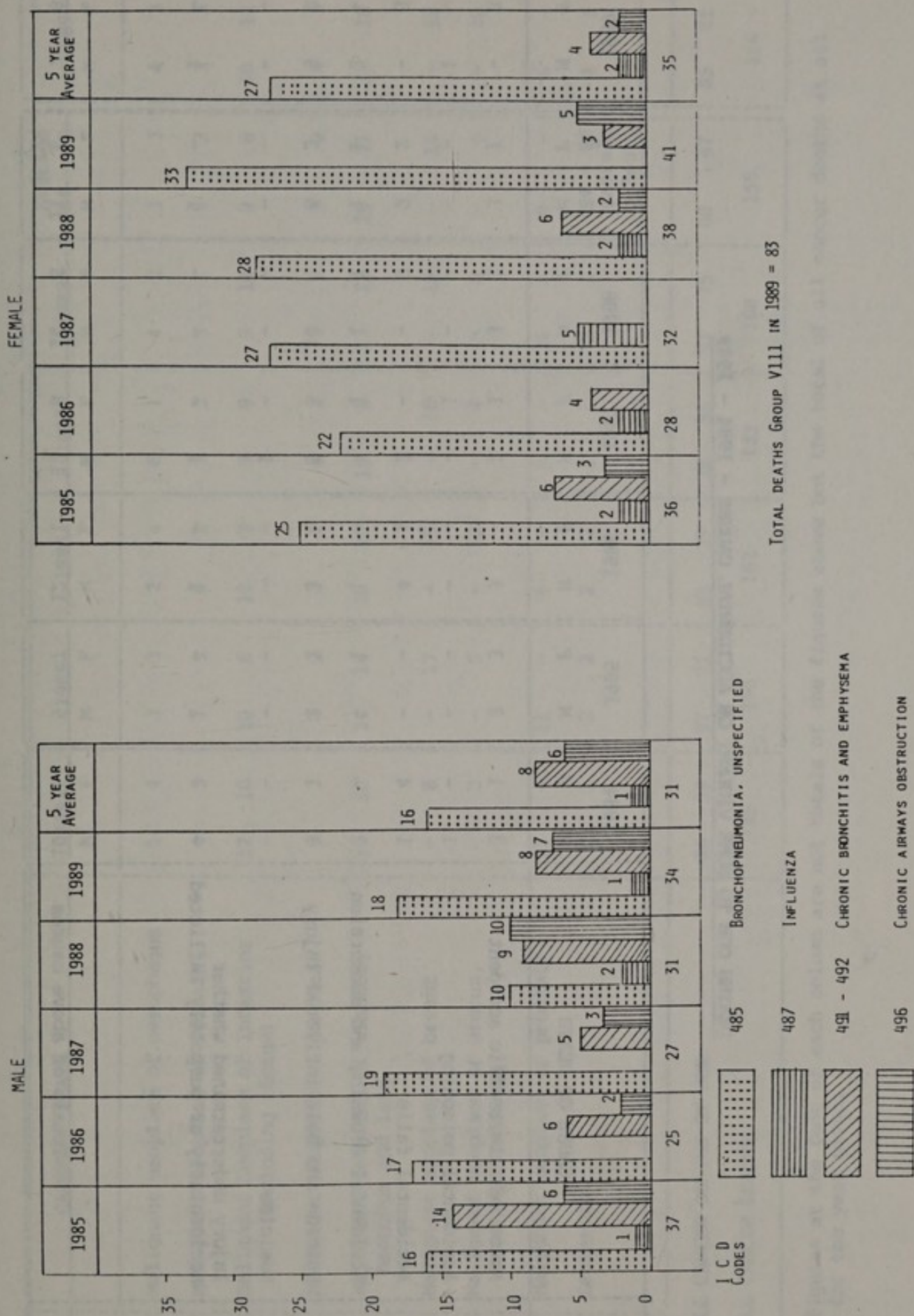


Table 14
GROUP VIII - DISEASES OF THE RESPIRATORY SYSTEM

I.C.D. Codes		1984		1985		1986		1987		1988		Average 84 - 88		1989	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
485	Bronchopneumonia, unspecified	19	30	16	25	17	22	19	27	10	28	16	26	18	33
487	Influenza	-	3	1	2	-	2	-	5	2	2	-	3	1	-
491 - 492	Chronic bronchitis and emphysema	13	3	14	6	6	4	5	-	9	6	9	4	8	3
496	Chronic airways obstruction	2	2	6	3	2	-	3	-	10	2	5	1	7	5
ALL GROUP VIII CODES		38	52	43	40	31	39	29	38	34	46	35	49	37	46

Fig. 4

GROUP VIII - DISEASES OF THE RESPIRATORY SYSTEM 1989



DEATHS DUE TO SOME VIOLENT OR ACCIDENTAL CAUSES - 1984 - 1989

I.C.D. Codes	CAUSE OF DEATH	1984		1985		1986		1987		1988		5 year Average 84 - 88		1989	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
E810 - 829	Motor vehicle traffic accident	3	1	2	3	3	-	2	1	3	1	3	1	-	3
E850 - 869	Accidental poisoning	1	-	-	-	-	-	-	1	-	-	-	-	1	-
E880 - 888	Accidental falls	1	4	-	-	4	1	3	-	-	3	2	2	-	3
E910	Accidental drowning and submersion	2	-	-	1	1	-	-	1	1	1	1	1	2	-
E950 - 959	Suicide and self inflicted injury	3	1	2	3	3	-	5	5	10	1	5	2	3	2
E960 - 969	Homicide	-	-	-	-	-	-	1	-	-	-	-	-	-	-
E980 - 989	Injury undertermined whether accidentally or purposely inflicted	-	-	1	-	1	-	1	-	-	-	1	-	1	-
	Totals of above causes	10	6	5	7	12	1	12	8	14	6	11	6	7	8

Table 16

GROUP 11 - NEOPLASMS - SOME CANCERS - 1984 - 1989

I.C.D. Codes	CAUSE OF DEATH	1984		1985		1986		1987		1988		Average 84 - 88		1989	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
150	Malignant neoplasm of oesophagus	1	4	3	3	2	4	6	1	4	2	3	3	4	3
151	Malignant neoplasm of stomach	4	3	7	3	6	3	5	3	5	1	5	3	3	3
152 - 154	Malignant Neoplasm of Intestine (including rectum)	12	10	10	6	11	3	5	9	9	14	9	8	10	12
157	Malignant neoplasm of pancreas	5	3	3	2	2	2	4	2	3	1	3	2	4	3
162	Malignant neoplasm of trachea, bronchus and lung	34	10	34	14	30	10	19	8	27	12	29	11	33	10
174	Malignant neoplasm of breast	-	8	-	17	-	15	-	10	-	18	-	14	-	14
180 - 183	Malignant neoplasm of uterus, cervix and adnexae	-	3	-	5	-	12	-	4	-	8	-	6	-	10
185	Malignant neoplasm of prostate	11	-	11	-	5	-	5	-	14	-	9	-	6	-
204 - 207	Leukaemia	1	1	2	2	2	2	1	1	2	2	2	2	1	1
TOTALS OF ALL CANCER DEATHS BY SEX		86	59	97	71	85	77	78	55	93	75	88	67	85	81
TOTALS OF ALL CANCER DEATHS		145		168		162		133		168		155		166	

Note: The figures at the foot of each column are not totals of the figures above but the total of all cancer deaths at all ages for the year given.

Table 17

MORTALITY - CANCER (ALL FORMS) 1961 - 1989						
Deaths by year and sex, rates per thousand resident population						
Year	PERSONS		MALE		FEMALE	
	Deaths	Rate/1,000	Deaths	Rate/1,000	Deaths	Rate/1,000
1961	98	2.23	40	1.89	58	2.54
1962	117	2.62	62	2.88	55	2.37
1963	100	2.20	60	2.75	40	1.70
1964	100	2.17	51	2.30	49	2.05
1965	104	1.22	65	2.89	39	1.61
1966	127	1.68	72	3.15	55	2.23
1967	114	2.37	68	2.94	46	1.84
1968	124	2.54	69	2.94	55	2.17
1969	121	2.44	63	2.64	58	2.26
1970	91	1.81	59	2.44	32	1.23
1971	149	2.93	88	3.59	61	2.31
1972	131	2.55	74	2.99	57	2.13
1973	129	2.48	65	2.60	64	2.37
1974	137	2.61	69	2.72	68	2.50
1975	142	2.67	77	3.01	65	2.37
1976	139	2.60	70	2.70	69	2.49
1977	158	2.91	98	3.74	60	2.14
1978	131	2.41	71	2.71	60	2.14
1979	129	2.36	65	2.47	64	2.37
1980	147	2.75	72	2.80	75	2.71
1981	136	2.55	78	3.03	58	2.10
1982	143	2.68	76	2.95	67	2.43
1983	155	2.90	81	3.15	74	2.68
1984	145	2.7	86	3.34	59	2.14
1985	168	3.2	97	3.77	71	2.57
1986	162	2.82	85	3.16	77	2.69
1987	133	2.4	78	2.90	55	1.9
1988	168	3.0	93	3.46	75	2.62
1989	166	2.8	85	2.95	81	2.63

Table 18

MORTALITY - CANCER OF TRACHEA, BRONCHUS AND LUNG - 1965 - 1989

Guernsey deaths and rates per million resident population, compared with rates per million published for England and Wales. (England and Wales data from O.P.C.S. Quarterly publication "Population Trends").

	PERSONS			MALE			FEMALE		
	Deaths	Rate/M Guernsey	Rate/M E & W	Deaths	Rate/M Guernsey	Rate/M E & W	Deaths	Rate/M Guernsey	Rate/M E & W
1965	22	470	563	22	978	958	0	-	168
66	29	611	573	20	867	969	7	365	178
67	26	540	596	24	1,036	1,003	1	80	189
68	21	430	606	18	766	1,015	3	118	198
69	23	464	622	20	839	1,043	3	117	202
1970	20	398	631	18	745	1,049	2	77	214
71	39	766	637	36	1,470	1,052	3	114	222
72	37	719	642	31	1,252	1,074	6	225	233
73	32	615	651	26	1,038	1,082	6	223	242
74	30	571	668	22	869	1,099	8	294	260
1975	32	603	665	25	976	1,084	7	255	267
76	28	522	678	22	849	1,103	6	216	274
77	40	737	687	34	1,297	1,109	6	214	287
78	34	626	695	28	1,067	1,112	6	214	299
79	37	678	702	30	1,138	1,113	7	248	312
1980	30	562	709	19	738	1,109	11	398	330
81	33	619	700	25	973	1,088	8	290	331
82	39	732	702	29	1,128	1,075	10	363	348
83	38	713	716	27	1,050	1,096	11	399	356
84	44	825	708	34	1,322	1,067	10	362	373
1985	48	901	719	34	1,322	1,053	14	508	375
86	40	721	705	30	1,117	1,035	10	349	391
87	27	487	702	19	707	1,017	8	279	402
88	39	703	700	27	1,005	1,004	12	419	412
89	43	723	N/A	33	1,146	N/A	10	326	N/A
Ten Year Averages									
1970									
- 79	33	621	666	27	1,050	1,088	6	231	261
1980									
- 89	38	694	706	28	1,051	1,066	10	370	363
% increase		+15%	+7%	+4%	+1%	-1%	+66%	+86%	+45%

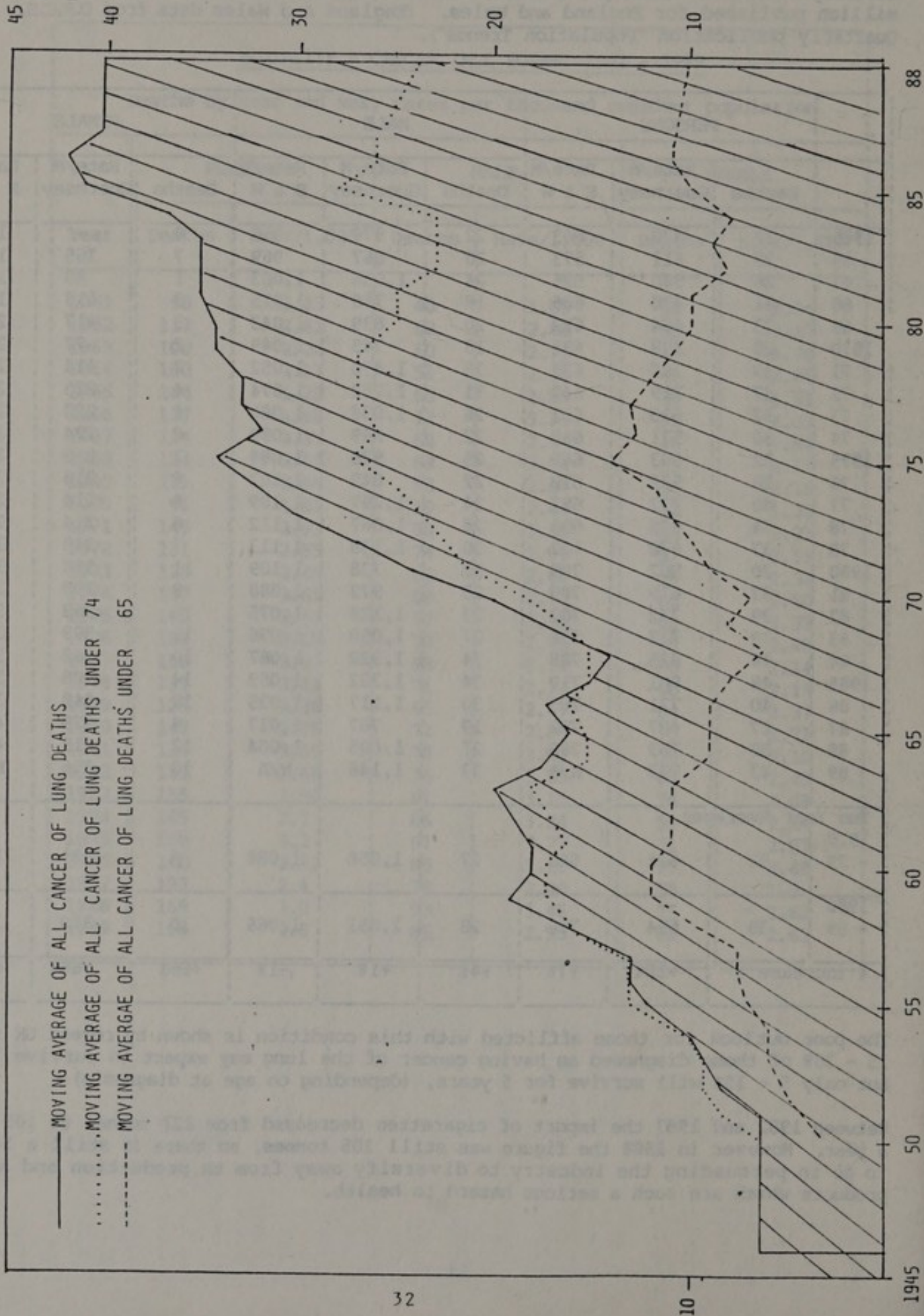
The poor outlook for those afflicted with this condition is shown by recent UK figures 15 - 30% of those diagnosed as having cancer of the lung may expect to survive 1 year, but only 5 - 15% will survive for 5 years, (depending on age at diagnosis).

Between 1982 and 1987 the import of cigarettes decreased from 127 tonnes to 105 tonnes a year. However in 1988 the figure was still 105 tonnes, so there is still a long way to go in persuading the industry to diversify away from the production and sale of products which are such a serious hazard to health.

GUERNSEY: DEATHS FROM CANCER OF THE LUNG - 5 YEAR MOVING AVERAGE

AVERAGE NUMBER
OF DEATHS

- MOVING AVERAGE OF ALL CANCER OF LUNG DEATHS
-MOVING AVERAGE OF ALL CANCER OF LUNG DEATHS UNDER 74
- MOVING AVERAGE OF ALL CANCER OF LUNG DEATHS UNDER 65



MORTALITY - CANCER OF BREAST - GUERNSEY WOMEN 1976 - 1989
by age groupings, with rates and mainland comparisons

Table 19

Year	under 40	AGES		Total	Rate per 100,000	
		40 - 59	60 and over		GUERNSEY	ENGLAND AND WALES
1976	-	4	5	9	32.6	46.4
1977	-	5	7	12	42.8	46.6
1978	-	1	9	10	35.6	47.0
1979	1	2	6	9	31.9	47.6
1980	-	1	12	13	47.0	47.8
1981	2	3	7	12	43.4	49.1
1982	1	3	6	10	36.3	48.7
1983	-	2	9	11	39.9	49.7
1984	-	3	5	8	29.0	51.9
1985	-	2	15	17	61.6	52.8
1986	1	5	9	15	52.7	54.6
1987	-	2	8	10	35.0	53.7
1988	1	5	12	18	62.9	53.2
1989	1	4	9	14	46	N/A

Five year average rates 1985 - 1989

Guernsey 49 per 100,000 females

England & Wales N/A per 100,000 females

The recorded deaths represent but a fraction of the total morbidity as between 75 & 95% of those diagnosed as having cancer of the breast will survive for 1 year, and 60% will still be alive after 5 years.

Table 20

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GROUP I																	
	Infectious and parasitic diseases																
003	Other salmonella infections	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
078	Other diseases due to viruses and Chlamydiae	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Totals Group 1		2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
GROUP II																	
Neoplasms																	
140	Malignant neoplasm of lip	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
142	Malignant neoplasm of major salivary glands	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
148	Malignant neoplasm of hypopharynx	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
150	Malignant neoplasm of oesophagus	4	3	-	-	-	-	-	-	-	-	1	1	2	1	1	1
151	Malignant neoplasm of stomach	3	3	-	-	-	-	-	-	-	-	-	2	3	1	-	-
153	Malignant neoplasm of colon	4	11	-	-	-	-	-	-	-	-	1	5	2	3	1	3
154	Malignant neoplasm of rectum, rectosigmoid junction and anus	6	1	-	-	-	-	-	-	-	-	4	1	-	-	2	-
155	Malignant neoplasm of liver and intrahepatic bile ducts	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
157	Malignant neoplasm of pancreas	4	3	-	-	-	-	-	-	-	-	3	-	-	1	1	2
159	Malignant neoplasm of other and ill-defined sites within the digestive organs and peritoneum	1	3	-	-	-	-	-	-	-	-	-	-	-	1	1	2
161	Malignant neoplasm of larynx	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
162	Malignant neoplasm of trachea, bronchus and lung	33	10	-	-	-	-	-	-	-	-	6	2	10	2	17	6
Carried forward		58	36	-	-	-	-	-	-	-	-	15	11	20	11	23	14

Table 20 cont.

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	GROUP II cont	58	36	-	-	-	-	-	-	-	-	15	11	20	11	23	14
	Carried forward																
170	Malignant neoplasm of bone and articular cartilage	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
173	Other malignant neoplasm of skin	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
174	Malignant neoplasm of female breast	-	14	-	-	-	-	-	-	-	1	-	4	-	3	-	6
179	Malignant neoplasm of uterus, part unspecified	-	3	-	-	-	-	-	-	-	-	-	1	-	1	-	1
180	Malignant neoplasm of cervix uteri	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
183	Malignant neoplasm of ovary and other uterine adnexa	-	9	-	-	-	-	-	-	-	1	-	4	-	-	-	4
184	Malignant neoplasm of other and unspecified female genital organs	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
185	Malignant neoplasm of prostate	6	-	-	-	-	-	-	-	-	-	-	-	1	-	5	-
187	Malignant neoplasm of penis and other male genital organs	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
188	Malignant neoplasm of bladder	5	1	-	-	-	-	-	-	-	-	2	-	-	1	3	-
189	Malignant neoplasm of kidney and other and unspecified urinary organs	1	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-
191	Malignant neoplasm of brain	7	3	-	-	-	-	-	-	-	-	-	1	1	1	2	1
192	Malignant neoplasm of other and unspecified parts of nervous system	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
199	Malignant neoplasm without specification of site	1	8	-	-	-	-	-	-	-	-	-	1	1	3	-	4
202	Other malignant neoplasm of lymphoid and histiocytic tissue	2	2	-	-	-	-	-	-	-	-	-	-	2	-	-	2
203	Multiple myeloma and immunoproliferative neoplasms	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	Carried forward	84	80	-	-	-	1	-	-	1	2	23	25	26	20	34	32

Table 20 cont.

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	<u>GROUP II cont</u>																
	Carried forward	84	80	-	-	-	1	-	-	1	2	23	25	26	20	34	32
204	Lymphoid leukaemia	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
206	Monocytic leukaemia	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	<u>Totals Group II</u>	85	81	-	-	-	1	-	-	1	2	24	25	26	20	34	33
	<u>GROUP III</u>																
	<u>Endocrine, Nutritional and</u>																
	<u>Metabolic diseases and Immunity</u>																
	<u>Disorders</u>																
244	Acquired hypothyroidism	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	<u>Totals Group III</u>	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	<u>GROUP V</u>																
	<u>Mental Disorders</u>																
290	Senile and presenile organic psychotic conditions	2	3	-	-	-	-	-	-	-	-	-	-	-	-	2	3
303	Alcohol dependence syndrome	2	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
	<u>Totals Group V</u>	4	3	-	-	-	-	-	-	1	-	1	-	-	-	2	3

Table 20 cont.

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age '75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
GROUP VI																	
<u>Diseases of the Nervous System and Sense Organs</u>																	
332	Parkinson's disease	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
335	Anterior horn cell disease	3	1	-	-	-	-	-	-	1	-	-	-	1	-	1	1
345	Epilepsy	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
348	Other conditions of brain	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
<u>Totals Group VI</u>		5	2	-	-	-	-	-	-	2	-	1	-	1	-	2	1
GROUP VII																	
<u>Diseases of Circulatory System</u>																	
401	Essential hypertension	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
402	Hypertensive heart disease	1	5	-	-	-	-	-	-	-	-	-	-	-	-	1	5
410	Acute myocardial infarction	58	44	-	-	-	-	-	-	1	-	14	1	18	11	25	32
411	Other acute and subacute form of ischaemic heart disease	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
414	Other forms of chronic ischaemic heart disease	22	12	-	-	-	-	-	-	-	-	-	2	6	3	16	7
415	Acute pulmonary heart disease	1	8	-	-	-	-	-	-	-	1	1	1	-	-	-	6
416	Chronic pulmonary heart disease	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	1
421	Acute and subacute endocarditis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
425	Cardiomyopathy	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
426	Conduction disorders	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
428	Heart failure	8	8	-	-	-	-	-	-	-	-	-	1	1	1	7	6
430	Subarachnoid haemorrhage	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
<u>Carried forward</u>		95	80	-	-	-	-	-	-	2	1	15	5	27	16	51	58

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

Table 20 cont.

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Carried forward	95	80	-	-	-	-	-	-	2	1	15	5	27	16	51	58
	<u>Group VII cont.</u>																
431	Intracerebral haemorrhage			-	-	-	-	-	-	-	-	-	-	1	2	5	6
432	Other and unspecified intracranial haemorrhage	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	1
434	Occlusion of cerebral arteries	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4
436	Acute but ill-defined cerebrovascular disease	2	4	-	-	-	-	-	-	-	-	-	-	-	-	2	4
437	Other and ill-defined cerebrovascular disease	11	10	-	-	-	-	-	-	-	-	-	-	1	1	10	9
438	Late effects of cerebrovascular disease	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
440	Atherosclerosis	6	8	-	-	-	-	-	-	-	-	1	-	2	2	3	6
441	Aortic aneurysm	4	2	-	-	-	-	-	-	-	-	-	-	-	-	4	2
447	Other disorders of arteries and arterioles	3	3	-	-	-	-	-	-	-	-	-	-	1	2	2	1
453	Other venous embolism and thrombosis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	Totals Group VII	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
		129	121	-	-	-	-	-	-	2	1	16	5	32	23	79	92

Table 20 (cont.)

GUERNSEY - DEATHS BY I.C.D. CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	GROUP VIII																
	<u>Diseases of the Respiratory</u>																
	<u>System</u>																
480	Viral pneumonia	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
482	Other bacterial pneumonia	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
485	Bronchopneumonia, organism unspecified	18	33	-	-	-	-	-	-	-	-	-	-	1	1	14	32
486	Pneumonia, organism unspecified	-	3	-	-	-	-	-	-	-	-	-	-	4	1	-	2
487	Influenza	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
491	Chronic bronchitis	7	3	-	-	-	-	-	-	-	-	-	2	4	-	3	1
492	Emphysema	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
496	Chronic airways obstruction, not elsewhere classified	7	5	-	-	-	-	-	-	-	-	-	-	4	1	3	4
514	Pulmonary congestion and hypostasis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
516	Other alveolar and parietoalveolar pneumopathy	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
518	Other diseases of the lung	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	<u>Totals Group VIII</u>	37	46	-	-	-	-	-	-	1	-	-	2	13	3	23	41

GUERNSEY - DEATHS BY I.C.D. CODES AND AGE GROUPS - 1989

Table 20 cont.

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	<u>GROUP IX</u>																
	<u>Diseases of the Digestive System</u>																
530	Diseases of Oesophagus	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
531	Gastric ulcer	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
532	Duodenal ulcer	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
535	Gastritis and duodenitis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
560	Intestinal obstruction without mention of hernia	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
562	Diverticula of intestine	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
570	Acute and subacute necrosis of liver	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
571	Chronic liver disease and cirrhosis	2	3	-	-	-	-	-	-	1	-	1	1	-	2	-	-
577	Diseases of pancreas	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
578	Gastrointestinal haemorrhage	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	<u>Totals Group IX</u>	6	10	-	-	-	-	-	-	1	1	1	2	-	3	4	4

Table 20 cont.

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
585 590 598 616	<u>GROUP X</u> <u>Diseases of the genitourinary system</u>																
	Chronic renal failure	3	9	-	-	-	-	-	-	-	-	-	-	-	2	3	7
	Infections of kidney	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	Urethral stricture	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	Inflammatory disease of cervix, vagina and vulva	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	<u>Totals Group X</u>	4	11	-	-	-	-	-	-	-	-	-	-	-	2	4	9
746	<u>GROUP XIV</u> <u>Congenital anomalies</u>																
	Other congenital anomalies of heart	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	<u>Totals Group XIV</u>	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-

Table 20 cont.

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
767	<u>GROUP XV</u>																
	<u>Certain conditions originating in the perinatal period</u>																
	Birth trauma	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
797 798 799	<u>Totals Group XV</u>	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	<u>GROUP XVI</u>																
	<u>Symptoms, signs and ill-defined conditions</u>																
	Senility without mention of psychosis	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	12
	Sudden death, cause unknown	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	Other ill-defined and unknown causes of morbidity and mortality	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	<u>Totals Group XVI</u>	3	12	1	-	-	-	1	-	-	-	-	-	-	-	1	12

Table 20 cont.

GUERNSEY - DEATHS BY I.C.D. 3-FIGURE CODES AND AGE GROUPS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Under 1		Age 5 - 9		Age 15 - 24		Age 25 - 44		Age 45 - 64		Age 65 - 74		Age 75 +	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	<u>GROUP XVII</u>																
	<u>Injury and Poisoning</u>																
806	Fracture of vertebral column with spinal cord lesion	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
821	Fracture of other and unspecified parts of femur	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
829	Fracture of unspecified bones	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
853	Other and unspecified intracranial haemorrhage following injury	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
879	Open wound of other and unspecified sites, except limbs	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
934	Foreign body in trachea, bronchus and lung	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
980	Toxic effect of alcohol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
986	Toxic effect of carbon monoxide	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
991	Effects of reduced temperature	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
994	Effects of other external causes	4	3	-	-	-	-	-	-	-	-	-	-	-	4	-	-
995	Certain adverse effects not elsewhere classified	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	<u>Totals Groups XVII</u>	9	10	-	-	-	-	-	-	2	-	2	-	5	10	-	-

Table 21

GUERNSEY - NON-RESIDENT DEATHS - 1989

I.C.D. Code No.	CAUSE OF DEATH	Total		Ages 45 - 64		Ages 65 - 74		Ages 75+	
		M	F	M	F	M	F	M	F
<u>GROUP VII Diseases of circulatory system</u>									
410		6	3	2	-	3	1	1	2
414		-	1	-	-	-	-	-	1
415		-	1	-	-	-	1	-	-
431		-	1	-	-	-	1	-	-
434		-	1	-	-	-	1	-	-
436		1	1	-	-	1	-	-	1
441		1	-	-	-	1	-	-	-
<u>GROUP VIII Diseases of respiratory system</u>									
493		-	1	-	-	-	-	-	1
Total all Groups		8	9	2	-	5	4	1	5



