

MALTA

REPORT

ON THE

HEALTH CONDITIONS OF THE MALTESE ISLANDS

AND ON THE WORK OF THE

MEDICAL AND HEALTH DEPARTMENT

FOR THE YEAR

1960

MALTA  
PRINTED AT THE DEPARTMENT OF INFORMATION  
1962  
Price 2s. 3d.

**Report on the Health Conditions of the Maltese Islands and on the work of the  
Medical and Health Department for the year 1960.**

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MEDICAL AND HEALTH DEPT.  
Head Office

15, Merchant Street, Valletta.

10th April, 1961.

Sir,

I have the honour to submit the report on the health conditions of these Islands for 1960.

The year 1960 satisfied our expectation as regards health in these Islands; it was free from serious epidemics or abnormal incidence of diseases; public health was maintained at a high level; there were no drastic changes or events upsetting the social or sanitary life of the country. In the field of public health Sanitary Officers kept effective vigilance on dwellings, factories, food shops and on the quality and purity of food and drink. During the last four years many factories, large and small, have been opened employing a considerable number of workers and it was our duty to supervise the sanitary conditions in factories and the health of employees working therein.

In the curative field the need for more hospital accommodation was felt because of increasing hospital mindedness of the public. Treatment, care and attention were of a high standard and received public approval.

All the branches of the Department functioned smoothly and efficiently, each was successful in its own particular sphere; their activities were well supported by public opinion.

The population of these Islands continued to increase although the birth rate and the marriage rate showed as in the last four years, a slight tendency to go down. The infant mortality and the child mortality rates were kept at a satisfactory low levels. The incidence of infectious diseases was contained within reasonable bounds. The only outbreak that occurred was that of chickenpox of which the number of notified cases rose from 237 last year to 708 this year.

I have the honour to be,  
Sir,  
Your obedient servant,

JOS. GALEA,  
Chief Government Medical Officer.

His Honour,  
The Chief Secretary.



## II. INFECTIOUS AND COMMUNICABLE DISEASES

The following infectious diseases are notifiably by law, namely:—

Plague, smallpox, cholera, diphtheria, and membranous croup, typhus fever, yellow fever, epidemic cerebrospinal meningitis, scarlatina or scarlet fever, typhoid or enteric fever, malarial fever, undulant fever, puerperal fever, measles, erysipelas, varicella, influenza, whooping cough, hydrophobia, leprosy, pulmonary and all other forms of tuberculosis, pneumonia, broncho-pneumonia, acute anterior poliomyelitis, encephalitis lethargica, dengue fever, granular conjunctivitis or trachoma, tetanus neonatorum, leishmaniasis, and all forms of malignant neoplasms.

The case of infectious diseases reported during the year together with the respective number of deaths are given below:—

Diseases	1960		1959	
	Cases	Deaths	Cases	Deaths
Pulmonary Tuberculosis ... ..	117	19	75	20
Other Forms of Tuberculosis ...	27	3	51	2
Typhoid Fever ... ..	54	1	80	—
Undulant Fever ... ..	260	1	220	1
Scarlet Fever ... ..	69	—	48	—
Erysipelas ... ..	53	—	45	1
Diphtheria ... ..	32	—	38	—
Whooping Cough ... ..	11	—	5	—
Cerebro-Spinal Fever ... ..	5	1	4	2
Tetanus Neonatorum ... ..	1	1	1	—
Acute Anterior Poliomyelitis ...	—	—	14	—
Measles ... ..	36	—	239	—
Typhus Murine ... ..	9	1	7	—
Chickenpox ... ..	708	—	237	—
Leishmaniasis ... ..	9	—	24	—
Influenza ... ..	72	1	4,124	10
Pneumonia ... ..	117	7	91	10
Broncho pneumonia ... ..	162	58	249	33
Puerperal Fever ... ..	2	1	1	—

### *Trachoma in Gozo*

A diligent effort continues to be maintained in Gozo, especially among school children, to detect cases of trachoma and carry out treatment. During the scholastic year 1959-60 of the 30 cases of trachoma, 37 of conjunctivitis and 152 of folliculosis 2, 6 and 24 cases respectively were cured. On the examination of 4928 schoolchildren following the re-opening of schools for the Christmas Term 1960, the following cases were found:—

Trachoma	—	12
Conjunctivitis	—	47
Folliculosis only	—	133

### *Leprosy*

The number of new cases reported during the year amounted to 9 (6 males and 3 females).

Of the total number of leper patients (132), 43 are voluntary in-patients in hospital; the rest attend regularly as out-patients for observation and treatment either at the leprosy hospital or at the dermatological out-patients clinic of the general hospital.

## Age and Sex distribution of Cases of Leprosy notified during the year 1960

Ages	Males	Females	Total
1 — 10	—	—	—
11 — 20	—	1	1
21 — 30	—	1	1
31 — 40	2	1	3
41 — 50	—	—	—
51 — 60	1	—	1
61 — 70	2	—	2
71 — 80	—	—	—
81 — 90	1	—	1
Total	6	3	9

## Cases notified during 1960 and the nine proceeding years

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Males ...	4	9	6	10	6	12	13	7	9	6
Females ...	1	5	5	—	8	7	8	8	6	3
Total ...	5	14	11	10	14	19	21	15	15	9

*Venereal Diseases*

Although Malta is not included in the Ratifications or Accessions in the Brussels Agreement, it nevertheless conforms in all respects to the Protocol adopted at the International Health Conference held in New York in 1946 and is included in the list of Venereal Diseases Treatment Centres at Ports published by the World Health Organization.

The treatment of venereal diseases in Malta is governed by Act No. LVIII of 1948 which enforces the compulsory examination and treatment of the known persons who have infected at least two other persons. The Venereal Diseases Clinic forms part of the Central Hospital which is within the harbour area and where treatment is given free of charge irrespective of the means and nationality of the patients. The Clinic is open daily from 6 a.m. to 7 p.m.

The diagnosis of the 133 new cases that attended the Clinic for examination was as detailed hereunder:

Diagnosis	Out-Patients			In-Patients		
	Male	Females	Total	Male	Females	Total
Gonorrhoea	10	7	17	—	3	3
Non-gonorrhoeal urethritis	11	—	11	—	—	—
Syphilis early	1	—	1	1	—	1
Syphilis late	1	3	4	—	1	1
Trichomonas Vaginitis	1	12	13	—	2	2
Candidiasis	—	4	4	—	—	—
Verrucae (ano-genital)	3	1	4	2	1	3
Balanitis	5	—	5	—	—	—
Not requiring V.D treatment	34	40	74	—	—	—
Total	66	67	133	3	7	10

### *Tuberculosis*

The number of persons receiving Tb. Assistance who were examined at the Chest Clinic reached a total of 3,508. In this figure are include the follow-up cases who call at regular intervals for the routine check up and continuation of treatment. Cod and halibut liver oil were freely given to all contact children at the clinic.

Almost all contacts of the newly notified cases have attended for medical examination and the number of chest abnormalities amongst them which were detected reached a total of 47 in the following order: Pulmonary tuberculosis 15; Intra-thoracic primary tuberculosis in the form of hilary adenitis, specific pleurisy, primary complex etc. 17; Lung tumours 3. Other lung conditions still undetermined at the end of the year, were 12. These last are still in course of clinical investigations. All the lung Tb. cases were duly notified and advised to start treatment forthwith either at the chest clinic or else under private care as they personally referred. The closed cases harbouring primary lesions with one exception were all treated and followed up at the clinic. One child of four years whose parents were homeless was treated at the Isolation Hospital for a short period until he was fit for admission into an orphanage.

During the year 1960 medical examinations were carried out on eighteen prospective emigrants who were referred to the clinic with abnormal X-ray findings and the clinical reports were then sent to the Emigration Authorities for their consideration. Three of these emigrants were found suffering from pulmonary tuberculosis in the active stage and were all transferred to the out-patient section of the clinic for treatment. 623 newly appointed teachers, 159 nurses or other hospital employees, 38 police constables and 66 children were all referred to the clinic to be medically examined prior to their admission into Government service or institutions.

The incidence of Tuberculosis was higher for 1960 compared to the previous year by 24 with a total of 144 cases for pulmonary and other forms of tuberculosis. The mortality rate was however the same with 22 registered deaths.

B.C.G.: The B.C.G. campaign was carried out in both Islands on the same basis as in the previous years and the inoculation unit was active in the field for about eight months, when 4,432 persons were tested compared to 2,642 last year and 1,806 negative reactors mostly all school leavers, were vaccinated. Side reactions or other Koch phenomena were not in evidence amongst this latter group.

Housing: The Health Inspectors attached to the Tb. control section have inspected 76 premises of Tb. families that had applied to the Housing Department for better accommodation and 43 families were recommended for alternate housing accommodation. The number of new premises allowed to these people is not available. 150 other houses belonging to newly notified cases were visited by the Health Inspectors to give all the advice necessary to the families concerned.

#### Incidence of New Cases of Pulmonary Tb. by Age and Sex

Age Periods	Males	Females	Total
0 — 5 years	2	1	3
6 — 10 "	2	1	3
11 — 20 "	8	8	16
21 — 30 "	11	7	18
31 — 40 "	15	11	26
41 — 50 "	15	4	19
51 — 60 "	15	5	20
61 — 70 " and over	8	4	12
Total	76	41	117

#### Incidence of New Cases of Pulmonary Tb. by Month

Months	Males	Females	Total
January ... ..	8	4	12
February ... ..	4	4	8
March ... ..	6	2	8
April ... ..	7	4	11
May ... ..	7	4	11
June ... ..	2	4	6
July ... ..	7	1	8
August ... ..	7	5	12
September ... ..	7	3	10
October ... ..	8	2	10
November ... ..	9	6	15
December ... ..	4	2	6
Total	76	41	117

#### Mortality by Age Periods from Pulmonary Tuberculosis

Age Periods	Males	Females	Total
0 — 5 years	—	—	—
6 — 10 "	—	—	—
11 — 20 "	—	—	—
21 — 30 "	2	—	2
31 — 40 "	2	1	3
41 — 50 "	2	1	3
51 — 60 "	4	—	4
61 — 70 " and over	7	—	7
Total	17	2	19

### Mortality by Month from Pulmonary Tuberculosis

Months	Males	Females	Total
January	1	—	1
February	1	—	1
March	1	—	1
April	2	—	2
May	2	1	3
June	2	—	2
July	1	1	2
August	1	—	1
September	2	—	2
October	3	—	3
November	—	—	—
December	1	—	1
Total	17	2	19

### Analysis of Cases and Deaths from Pulmonary Tuberculosis

Year	Estimated Population at end of year	Cases Notified	Case-rate per 1000 Population	No. of Deaths	Death-rate per 1000 Population
1951	312,446	171	0.54	68	0.21
1952	316,619	146	0.46	34	0.09
1953	317,248	177	0.55	39	0.12
1954	319,787	157	0.48	36	0.11
1955	314,369	141	0.45	41	0.13
1956	314,066	161	0.51	34	0.10
1957	319,346	125	0.39	37	0.11
1958	323,667	118	0.36	24	0.07
1959	324,842	75	0.23	24	0.07
1960	328,461	117	0.35	19	0.05

### An Analysis of the Sources of Notification of New Cases

From Hospitals	43
From Private Practitioners	30
From Chest Clinic	39
From H.M's Services	4
From examination of Prospective Emigrants	1
Total	117



## Synopsis of occupation of cases of Pulmonary Tuberculosis

Messrs Bailey (dockyard) Employees	...	...	...	...	...	...	...	7
Office Boys	...	...	...	...	...	...	...	1
Taxi Drivers	...	...	...	...	...	...	...	3
Housewives	...	...	...	...	...	...	...	22
Students	...	...	...	...	...	...	...	9
Hawkers	...	...	...	...	...	...	...	1
H.M. Naval Base Workers	...	...	...	...	...	...	...	9
Labourers	...	...	...	...	...	...	...	16
No occupation	...	...	...	...	...	...	...	24
Pensioners	...	...	...	...	...	...	...	3
H.M. Defence Services Employees	...	...	...	...	...	...	...	5
Farmers	...	...	...	...	...	...	...	2
Seamstresses	...	...	...	...	...	...	...	1
Shopkeepers	...	...	...	...	...	...	...	7
Clerks	...	...	...	...	...	...	...	5
Cooks	...	...	...	...	...	...	...	1
Nurses	...	...	...	...	...	...	...	1
Total ...								117

## Home-Visiting — Environmental Figures

Size of families visited	Size of home visited	Room accommodation	Bed accommodation	Sanitation
4 families of 1 person	5 houses of 1 room	63 patients have their own room	89 patients have their own bed 76.6%	114 clean 97.4%
11 families of 2 persons	30 houses of 2 rooms			
13 families of 3 persons	35 houses of 3 rooms			
21 families of 4 persons	26 houses of 4 rooms			
20 families of 5 persons	13 houses of 5 rooms			
14 families of 6 persons	6 houses of 6 rooms	54 patients have no room of their own	28 patients have no bed of their own 23.9%	3 dirty 2.6%
12 families of 7 persons	2 houses of 7 rooms			
10 families of 8 persons				
2 families of 9 persons				
6 families of 10 persons				
2 families of 11 persons				
1 family of 12 persons				
1 family of 13 persons				

### III. CHILD HEALTH SERVICE

During the year 1960 the sessions at the clinics for child health totalled 1,037 and were attended by 10,270 children.

Clinics were held in 36 town and villages. The following are the localities in which the clinics were held; the number of clinics; the total number of attendances and the average number of attendances per sitting in each locality:—

Attard	...	...	25	Clinics	147	attendances	average	5
B'Bugia	...	...	25	"	132	"	"	4
B'Kara	...	...	49	"	635	"	"	13
Cospicua	...	...	24	"	170	"	"	7
Dingli	...	...	23	"	187	"	"	8
Floriana	...	...	25	"	296	"	"	12
Gharghur	...	...	24	"	195	"	"	8
Għaxaq	...	...	24	"	310	"	"	13
Gudja	...	...	24	"	123	"	"	5
Ħamrun	...	...	24	"	169	"	"	7
Kalkara	...	...	23	"	141	"	"	6
Kirkop	...	...	24	"	165	"	"	7
Lija	...	...	23	"	121	"	"	5
Luqa	...	...	24	"	293	"	"	12
Mellieħa	...	...	24	"	223	"	"	9
Mġarr	...	...	24	"	127	"	"	5
Mosta	...	...	50	"	906	"	"	18
Mqabba	...	...	24	"	201	"	"	8
Msieraħ	...	...	24	"	93	"	"	4
M'Scala	...	...	23	"	96	"	"	4
M'Xlokk	...	...	24	"	173	"	"	7
Naxxar	...	...	24	"	331	"	"	18
Qrendi	...	...	24	"	204	"	"	8
Rabat	...	...	49	"	887	"	"	18
Senglea	...	...	24	"	367	"	"	15
Siggiewi	...	...	23	"	119	"	"	5
Sliema	...	...	51	"	312	"	"	6
St. Julian	...	...	24	"	117	"	"	5
St. Paul's	...	...	24	"	109	"	"	5
St. Venera	...	...	24	"	—	"	"	—
Valletta	...	...	25	"	483	"	"	19
Xgħajra	...	...	23	"	97	"	"	4
Żabbar	...	...	44	"	755	"	"	17
Żebbuġ	...	...	51	"	311	"	"	6
Żejtun	...	...	25	"	407	"	"	16
Żurrieq	...	...	48	"	869	"	"	18

### IV. ANTENATAL SERVICE

An antenatal service was held in 45 different towns and villages by three antenatal medical officers, each of whom is helped by a qualified midwife. The clinic is held twice weekly in the big towns, and once weekly in the smaller villages; in very small villages, like Qrendi in Malta and Xgħajra in Gozo, a fortnightly visit is made.

On first attendance, a medical and obstetrical history of the expectant mother is entered on a special history card, and a full examination both medical and obstetrical is made; the mother is then given advice regarding hygiene, diet, and exercise. She is given an appointment ticket and advised to attend the clinic once monthly until the twenty-eighth week of pregnancy, and from then onwards, at weekly intervals until she reaches full term. On subsequent visits, an obstetrical examination is made, and routine blood-pressure readings and urine analysis are carried out. All abnormal cases, such as contracted pelvis, disproportion, abnormal presentation, and toxæmia, are referred to the maternity out-patient department at St. Luke Hospital.

Each medical officer attends, once weekly at the antenatal clinic at St. Luke Hospital. Here, special investigations, such as laboratory and radiological examinations, are carried out when necessary. ABO and Rh blood-grouping is taken routinely on all patients who attend at this clinic. Free drugs and vitamins are issued to patients who are entitled to full free medical assistance.

The patients are encouraged to attend for at least one post-natal examination. On this occasion, details are entered on the history sheet regarding the mode of delivery and the place where the confinement took place. A post-natal examination is made the baby is also examined; and the mother is advised to call at the child health clinic for advice on infant feeding.

## V. SCHOOL MEDICAL SERVICE

Schools in the island are divided into two groups, Primary and Secondary. The first group includes the Infants schools where children attend from the ages of six to eight. The primary schools cater for boys and girls separately and attendance here which is compulsory is to the age of fourteen years. The school population is 61,184. The second group — the secondary schools (where for the time being, the School Medical Service is not in operation) includes

- a) The Girls' Grammars schools
- b) The Lyceum
- c) The Technical schools

As stated above, for children in school (Infants and Primary) aged from about six to about fourteen years, there exists the School Medical Service. This service is further extended by the establishment of a School Dental Service.

Today the staff of the School Medical Service consists of seven doctors, seven school nurses, four dental surgeons and four dental nurses, and an eye specialist, while the services of the health visitors are also made use of in the schools of their particular area.

The functions of the service are the following:—

1. Routine Medical Inspections of (a) newly admitted children, (b) intermediaries, (c) school leavers.
2. Re-inspection of all children who are found to require following-up during a routine inspection. These are usually carried out every 3 or 6 months according to the nature of the ailment.
3. Special inspections of children who might require further examination in addition to the routine medical inspection and/or re-inspections.
4. Reference of ailing children to the various out-patient departments of the general hospital either for further investigation and/or treatment.

#### 4. Anti-Diphtheria inoculations of school children.

The work covered during the Scholastic Year 1959/60 is:

Routine Medical Inspections	...	...	...	...	...	40,005
Re-Inspections	...	...	...	...	...	14,474
Special Examinations	...	...	...	...	...	3,499
Referred to O.P. Departments	...	...	...	...	...	3,262
Children inoculated against Diphtheria	...	...	...	...	...	3,855
Number of children exempted from School on medical grounds						14
Children suffering from different infectious diseases	...	...				67

### VI. HEALTH SERVICES

#### *Public Health Laboratory*

The number of samples of foodstuffs submitted for chemical analysis during the year reached over 20,000. Other samples submitted for analysis at the Chemical Section were (a) the usual routine samples of water taken weekly from springs, pumping stations, reservoirs and taps, which numbered 1,778, (b) samples of water taken by Health Inspectors generally from house tanks, taps and basements which numbered 135, (c) besides 355 samples of water from the Water Works Department 209 of which were taken after the laying of new mains, (d) samples numbering 117 from the Port and Customs Department sent in connection with the assessment of duty, (e) samples of foodstuffs and other items numbering in all 84 submitted for analysis by the Supplies Branch in the Department, (f) samples consisting mainly of rationed sugar, and numbering 69 in all, sent by the Department of Trade and Industry for ascertaining conformity with specifications and (g) a few more samples from other Government Department among which were 17 from the Police Department.

The greater part of the work carried out in the Bacteriological Section consisted of (i) agglutination reactions against the causative agents of typhoid and of undulant fever, which, excluding the complete titrations performed, numbered 1976, (ii) examinations of throat swabs for *c. Diphtheriae*, which, excluding the virulence tests done in special cases, numbered 648, (iii) examinations of water for probable number of coliform organisms in 100 ml. of sample, 1,778 samples of water being so examined, (iv) urine tests in connection with the medical examination of candidates for new appointments or for re-employment with Government, 1892 samples of urine being tested accordingly, and (v) examinations of rats as part of the anti-rat campaign to control the rat population and prevent plague, 1251 rats being examined for the purpose, 657 submitted by the Rodent Control Office and 594 submitted by the Defence Services.

Besides the above dead rats examined bacteriologically, 124 live rats were brought to the Entomological Section for flea indexing. Moreover the Entomologist carried out search for Phlebotomus in connection with 15 notified cases of Kala Azar.

#### *Port Health Service*

The number of ships inspected by the Port Medical Officer was 2,009, and the number of aircraft death with was 480.

The number of passengers arriving in Malta, excluding service personnel and passengers in transit, was 52,590; over 75% of these arrived by air, and the rest by sea. It is to be noted that the number of arrivals this year exceed that of last year (1959) by 7,604.

There were 5,906 arrivals served with warning for medical surveillance or with the Notice Card regarding action to be taken in case of infectious disease.



Persons examined prior to Employment/Transfer/Appointment:

Civil Prisons	...	...	...	...	...	...	...	12
Public Works Department	...	...	...	...	...	...	...	8
Medical and Health Department	...	...	...	...	...	...	...	11
Posts and Telephones Department	...	...	...	...	...	...	...	1

Periodical examination of workers in specified trades:

Public Works Department	...	...	...	...	...	...	...	92
Water and Electricity Department	...	...	...	...	...	...	...	44

Employees examined by a Medical Board:

Public Works Department	...	...	...	...	...	...	...	24
Water and Electricity Department	...	...	...	...	...	...	...	2
Medical and Health Department	...	...	...	...	...	...	...	2
Customs and Port Department	...	...	...	...	...	...	...	1

Applicants medically examined under the Disabled Persons Employment Scheme of the National Employment Board:

Males 88      Young Persons 22      Females 27      Total 137

(14 of the total number have subsequently been re-examined for re-assessment).

Young persons examined under Act X of 1952 which provides for the Regulation of Training and Employment of Apprentices and Learners in Industry:

Training in Government Departments      ...      ...      ...      2

The Director, Public Works Department, referred two employees for medical examination prior to undergoing a course for divers at H.M. Naval Base.

Eight members of the Police were medically examined before proceeding to the United Kingdom for a course of studies. The Police referred for medical examination 66 applicants for a motor car driving licence and 2 applicants for a sporting licence.

The National Insurance Division of the Department of Emigration, Labour and Social Welfare referred 23 persons who had applied for a widow's pension, for unemployment or sickness benefit.

One person was referred by the National Employment Board prior to his appointment as lighthouse keeper in Aden.

### *Free Immunisation Service*

The Free Immunisation Service offers immunisation against diphtheria, typhoid, tuberculosis and poliomyelitis.

The Free Immunisation Service is made up of two teams, each team is highly mobile and consists of one doctor, two nurses and a motor transport driver. The teams travelled 12,919 miles during the year in Malta and Gozo.

Anti-poliomyelitis vaccination was carried out in 21 localities, 3,246 persons received the 1st and 2nd doses and 4,451 persons received the third dose. Only 283 persons failed to attend for the second dose.

The mobile clinic visited individual streets in 11 localities of the island during the summer months and immunised 1,091 children of pre-school age.

Anti-tuberculosis vaccination was offered to school entrants and school leavers and to school children of 31 localities in Malta and of 12 localities in Gozo. The number of children tested was 4,438, out of these 2,393 were positive and did not need vaccination, 1,806 were vaccinated.

*Public Cleansing Service*

All household premises, as well as shops or industrial establishments are provided with a daily collection of refuse.

The system covers practically the whole Island and where at present there are no refuse collection vans, house garbage is collected daily by the road sweepers and carted away in hired trucks.

The house-refuse collection system serves about 230,000 of the population, and it is performed by a fleet of 14 Refuse Vans and 5 other Trucks manned by 95 refuse collectors.

The house refuse collected is treated by a pulverising plant which however is not regarded as sufficient to meet the actual requirements.

The matter of the replacement of the existing plant by a new and modern one was reviewed and is now under active consideration by the Government.

It is hoped that this project would now be implemented in due course.

Street sweeping is performed on all days in every town and village by 365 scavengers.

*Rodent Control*

The rodent staff carried out systematic block control in 58 towns and villages in Malta and Gozo involving 647 areas, thus covering 56,463 localities of which 14,867 showed signs of rat infestation. These treatments included the sewers.

This work of deratting necessitated the laying of 44,003 baiting points of which 25,968 showed a take indicating an amount of about 83,427 $\frac{1}{4}$  ounces of poison eaten by rats. 759 dead rats were collected after baiting. In addition 7,935 requests for rat poison by the general public amounted to 15,870 ounces of bait distributed to householders; these were supplied free of charge and advice given on their use.

Other sporadic complaints by persons observing odd rats in business and dwelling premises were attended to. As a result of this 1,274 rats and 379 mice were reported killed.

Rat traps were laid during the year resulting in the trapping of 116 live rats. The figures given from poison eaten does not convey the exact amount of the actual destruction of rats, as it is not possible to find all the poisoned rats which usually die in barrows; also there is no formulae to estimate the kill with the use of Warfarin poison.

The quantities of poisons used were:

Warfarin	6,498 ounces
Zinc phosphide	1,946 ounces
Arsenic	9 ounces

Red squill biscuits and Dak Rat Lime were used in habitats frequented by domestic animals in order to prevent accidental poisoning.

Notices for rat-proofing and or other accumulations offering harbourage for rats were brought to the notice of Health Inspectors for necessary action.

During the year nine cases of Murine Typhus were notified. These were immediately attended to and all necessary action was taken in the premises and the surrounding areas.

The rodent control officer continued to act as liaison officer between this Department and the three Services in Malta. This year he also supervised and advised Rodent Control Squads engaged by Messrs. aBiley (Malta) Ltd., in deratting work in the dockyard.

### *Health Inspectorate*

During the year environmental control in the various districts of Malta and Gozo was efficiently exercised by the Health Inspectors. Licensed premises, including markets, food shops and factories, cowsheds, goatpens and dairies, infant schools and other public places were kept under effective control and surveillance, with frequent surprise inspections at all hours of the day, and occasionally of the night.

Complaints by the public were invariably attended to, and appropriate steps taken for the elimination of each nuisance, thus maintaining a creditable standard of hygiene in all towns and villages.

Health education of the public in general never relaxed but where persuasion failed, refractory elements were brought to Court and fined.

### *Insect Control*

Insect infestations in private, government and ecclesiastical institutions, places of entertainment, factories, cowsheds and goatpens were effectively treated with D.D.T. liquid and powder. In special cases, fumigation with D.D.T. (fumite), and the use of insecticidal lacquer was resorted to.

Manure and refuse heaps, and water cisterns were treated with good results with Gammaexane solutions for the killing of fly and mosquito larvae.

### *Extensions of Sewers*

Extension works of street sewers were continued in the following localities:—

Mosta, Mellieħa, Naxxar, Gharghur, Attard, Fgura, Msida, Gzira, Paola, Tarxien, Hamrun, Balzan, Qormi, Siġġiewi, Pietà. In this connection 200 statutory notices were issued during the year.

### *Health Education*

The health propaganda section of the Medical and Health Department has continued to educate the general public in Malta and Gozo in matters of health, hygiene and sanitation by means of free public open air cinema shows from a mobile cinema, by broadcasts over the rediffusion system, through the press, and by means of leaflets and booklets.

The mobile cinema in Malta gave 126 open air shows in several localities of the island to an estimated audience of over 47,000. Seventeen open air cinema shows were also held in Gozo to an estimated audience of 9,250. During the year nine different health films were exhibited and six more films were shown to special audiences made up of Health Inspectors and Health Visitors. The Health Day was celebrated with a cinema show and gathering of health workers. A broadcast talk was also delivered, on that day on the rediffusion network.

For the first time in Malta a stall was organised by the Medical and Health Department in the Malta Government Pavilion at the Trade Fair. Hundreds of leaflets, booklets and brochures were distributed during the fair, and hundreds of posters dealing with health matters were distributed during the year.



### *Cemeteries*

Applications for sites for graves at the Addolorata Cemetery totalled sixty-six during the year. Sixty-five applications had remained outstanding from previous years and only fifteen sites could be allotted during the period under review in this cemetery. Four sites for graves were allotted in the Santa Marija Cemetery, Gozo.

One hundred and four applications with designs for the erection of or inscriptions to be placed on monuments in public cemeteries were received and considered as well thirty-two applications for the deepening and repairs of graves.

### *Building Permits*

During the year, 3,148 Building Notices in respect of buildings were submitted by architects and owners for the approval of the Health Authority in terms of section 85 (1) of the Code of Police Laws. 2,864 were in respect of buildings in Malta of which 1,483 were for new buildings, 105 for additional works or alteration and 114 for repairs, and 284 were in respect of buildings in Gozo, of which 161 were for new buildings, 105 for additional works or alteration and 18 for repairs.

Ninety-nine Notices were not approved and appeals were made to the General Services Board in eleven cases.

Contraventions of the building laws were detected in 580 cases, of which 359 were abated after warning and the rest were brought before the Courts.

Thirteen concrete blocks for building purposes manufactured by different firms were taken as random samples from the sites of work for testing.

## VII. HOSPITAL SERVICES

There are seven hospitals in Malta and five in Gozo. Three of the hospitals in Malta, namely, St. Luke, Central and Isolation, and two in Gozo, namely, Victoria and Isolation, are for acute cases and provide the following services:—

Medical, surgical, maternity and gynaecology, paediatric, orphaedic, E.N.T., venereal and dermatological, ophthalmic, pathological and bacteriological, blood transfusion, radiological, dental and infectious diseases. together with the pertinent out-patients departments. At St. Luke Hospital there is also a Tb. and a psychiatric out-patients clinic.

The remaining hospitals (Santo Spirito Hospital, Hospital for Mental Diseases, St. Vincent de Paul Hospital and St. Bartholomew Hospital in Malta and St. John the Baptist Hospital, St. Theresa Hospital and the Hospital for Mental Diseases in Gozo) provided accommodation and treatment for mentally diseased, lepers, old people, pulmonary Tbs. and other chronic sick persons in both Islands.

Plans are in hand to set up a paraplegic centre in a re-constructed wing at St. Vincent de Paul Hospital. The building of a Children's Unit as an annexe' to St. Luke Hospital, where a new School for Nurses is nearing completion, has also been taken in hand.

### Bed and Patient Statistics in Hospitals for 1960

	St. Luke Hospital	St. Vincent de Paul Hospital	Hospital for Mental Diseases	Central Hospital	Santo Spirito Hospital	St. Bartholomew Hospital	Isolation Hospital	Victoria Hospital	St. John the Baptist Hospital	St. Theresa Hospital	Chambray Hospital	Isolation Hospital Gozo	TOTAL
1. Total bed complement ... ..	482	919	*754	71	70	118	176	89	147	16	180	24	3,046
2. Average daily number of occupied beds ... ..	534	829	954	40	67	40	8	47	110	8	171	—	2,808
3. Highest daily occupation ... ..	581	857	985	52	70	43	16	78	121	9	172	4	2,988
4. Lowest daily occupation ... ..	401	829	933	20	64	38	2	26	106	7	165	1	2,592
5. Total number of in-patients treated ... ..	14,401	1,220	1,214	698	144	45	139	879	197	9	197	18	19,152
6. Radiological examinations ... ..	23,560	—	—	—	—	—	—	2,698	—	—	—	—	26,258
7. Pathological examinations ... ..	34,854	—	6,979	—	—	—	—	1,410	—	—	—	—	41,833
8. Bacteriological examinations ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Patients treated by Physiotherapy Dept. ... ..	554	—	—	—	—	—	—	—	—	—	—	—	554
10. Treatments given by Physiotherapy Dept. ... ..	16,354	—	—	—	—	—	—	—	—	—	—	—	16,354
11. New out-patients ... ..	19,924	—	174	6,687	161+	1	11	1,531	—	—	—	—	28,499
12. Total out-patient attendances ... ..	39,134	—	2,688	22,259	161	700	22	6,224	—	—	—	—	71,188
BEDS ALLOCATED													
13. General Medicine ... ..	120	—	—	—	—	—	—	24	—	—	—	—	144
14. General Surgery ... ..	120	—	—	—	—	—	—	37	—	—	—	—	157
15. Gynaecology ... ..	30	—	—	—	—	—	—	6	—	—	—	—	36
16. Obstetrics ... ..	44	—	—	—	—	—	—	12	—	—	—	—	56
17. Paediatrics ... ..	50	—	—	—	—	—	—	10	—	—	—	—	60
18. Psychiatry (including Mental Deficiency) ... ..	—	—	737	—	—	—	—	—	—	—	180	—	917
19. Cardiology ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
20. Dentistry ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Dermatology ... ..	—	—	—	14	—	—	—	—	—	—	—	—	14
22. Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—
a) Respiratory ... ..	—	114	—	—	—	—	—	—	—	16	—	—	130
b) Non-respiratory ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
23. E. N. T. ... ..	58	—	—	—	—	—	—	—	—	—	—	—	58
24. Infectious Diseases ... ..	—	—	—	—	—	—	176	—	—	—	—	24	200
25. Ophthalmology ... ..	—	—	—	55	—	—	—	—	—	—	—	—	55
26. Orthopaedic Surgery ... ..	60	—	—	—	—	—	—	—	—	—	—	—	60
27. V. D. ... ..	—	—	—	2	—	—	—	—	—	—	—	—	2
28. Chronic Sick ... ..	—	805	17	—	70	—	—	—	147	—	—	—	1,039
29. Leprosy ... ..	—	—	—	—	—	118	—	—	—	—	—	—	118

\* Nominal  
+ Casualties

### Movement of the Hospital Population during 1960

Hospital	Remaining at end of 1959		Admitted		Transferred from other hospitals		Total		DISCHARGED										Remaining at end of 1960	
									Transferred to other hospitals		At request		Cured		Relieved		Died			
									M	F	M	F	M	F	M	F	M	F		
MALTA																				
St. Luke ... ..	195	304	4,148	9,841	4	9	4,347	10,154	120	213	148	393	3,085	8,155	472	602	318	396	195	335
St. Vincent de Paul ... ..	378	354	127	67	81	73	586	491	19	22	39	11	—	—	—	—	118	93	400	368
St. Vincent de Paul (Tb. Wards) ... ..	50	12	32	14	20	12	102	33	7	3	7	—	—	—	28	8	11	3	49	24
Hospital for Mental Diseases ... ..	466	453	154	128	12	11	632	592	17	16	40(a)	39(a)	12	2	56	53	11	11	446	471
Central ... ..	17	30	298	322	9	22	324	374	8	21	—	—	220	231	83	87	2	3	11	32
Santo Spirito ... ..	33	34	25	8	34	10	92	52	9	2	10	—	6	2	6	1	28	13	33	34
St. Bartholomew ... ..	29	14	—	2	—	—	29	16	—	—	—	—	—	—	1	—	2	3	26	13
Isolation ... ..	8	5	40	66	7	13	55	84	3	2	1	6	48	69	—	1	—	3	3	3
GOZO																				
Victoria ... ..	15	23	291	527	10	13	316	563	25	17	27	80	103	327	112	86	21	24	28	29
St. John the Baptist ... ..	42	68	8	18	16	13	66	99	2	5	4	9	—	—	—	—	10	18	50	67
St. Theresa ... ..	5	3	1	—	—	—	6	3	1	—	—	—	—	—	—	—	—	1	5	2
Hospital for Mental Diseases ... ..	86	85	9	7	—	3	95	95	7	9	—	—	—	—	—	—	1	5	87	81
Extension Ward (S. V. P. H.) ... ..	5	2	—	—	1	—	6	2	1	—	—	—	—	—	—	—	—	—	5	2
Isolation ... ..	—	—	7	10	1	—	8	10	2	—	—	—	5	8	—	—	—	—	1	2
<b>Total ... ..</b>	<b>1,329</b>	<b>1,687</b>	<b>5,110</b>	<b>11,010</b>	<b>195</b>	<b>179</b>	<b>6,634</b>	<b>12,576</b>	<b>240</b>	<b>310</b>	<b>276</b>	<b>538</b>	<b>3,479</b>	<b>8,794</b>	<b>758</b>	<b>898</b>	<b>552</b>	<b>573</b>	<b>1,359</b>	<b>1,463</b>

(a) Discharged as (i) not insane, (ii) not improved and (iii) not requiring treatment.

## VIII. ADMINISTRATION

*Staff*

## Head Office:

Medical: Chief Government Medical Officer, Senior Medical Officer, Senior Health Officer, Principal Laboratory Officer, Senior Occupational Health Officer, Medical Officers of Health 3, Deputy Senior Medical Officer, Tuberculosis Officer, Analyst, Bacteriologist.

Administrative: Administrative Secretary, Accountant, Supplies Officer, Higher Executive Officers 4, Executive Officers 6, Higher Clerical Officer 1, Clerical Officers 9, Shorthand Typists 2, Clerks/Clerk-Typists 24.

Health: Chief Health Inspector, Senior Health Inspector, Tuberculosis Officer, Rodent Control Officer.

## Hospital:

Resident Medical Superintendents 9, Physicians, 3, Surgeons 4, Accoucheurs 2, Surgeons E.N.T. 2, Pathologists 3, Venereal Diseases Officers and Dermatologists 2, Bacteriologists 2, Orthopaedic Surgeons 2, Blood Transfusion Officer 1, Ophthalmologists 2, Dental Surgeons 2, Radiologists 4, Anaesthetists 4, Resident Medical Officers 11, Registrars 4, Assistant Medical Officers 25, Hospital Secretary 1, Sister Tutor 1, Registered Nurses 31, Sick Children's Nurses 3, Masseuses and Physiotherapy Sisters 4, Occupational Therapists 3, Prthoptic Nurse 1, Midwives 8, Radiographers 5, Chief Pharmacist 1, Pharmacists 5, Assistant Apothecaries 17, Laboratory Assistants 7, Dental Mechanics 2, Wardmasters 6, Chief Nurses 6, Hospital Attendants 710, Operating Room Orderly 1, Orderly Electro-Therapeutic Department 2, Hospital Engineer 1, Store Officers 18, Higher Clerical Officer 1, Clerical Officers 6, Shorthand Typists 3, Clerk/Clerk Typists 12.

## Special Services:

Port Medical Officers (including Luqa Airport) 5, School Medical Officers 7, District Medical Officers 42, Child Health Officers 3, School Dental Surgeons 5, School Eye Specialist 1, Ante-Natal Medical Officers 3, National Insurance Medical Officers 7, Senior Health Inspectors 7, Health Inspectors 60, Public Cleansing Officer 1, Health Visitors 48, School Nurses 9, Subsidised Midwives 5.

*Appointments*

The following appointments were made during the year:—

Mr. Joseph Lucchese appointed Chief Health Inspector with effect from 21st January, 1960.

Mr. Alfred Micallef appointed Senior Health Inspector with effect from 21st January, 1960.

Mr. Elia Borg appointed Public Cleansing Officer with effect from 25th January, 1960.

Mr. Anthony M. Sciberras appointed Senior Health Inspector with effect from 25th January, 1960.

Mr. Victor Sciberras, B.Pharm., appointed Junior Pharmacist with effect from 28th April, 1960.

Mr. Felix Buttigieg appointed Health Inspector with effect from 1st April, 1960.

Dr. Abraham Galea, M.D., D.P.M., M.R.C.P., appointed Resident Medical Officer with effect from 18th July, 1960.

Mr. Albino Cardona appointed Senior Health Inspector with effect from 31st July, 1960.

Mr. Saviour Caruana appointed Senior Health Inspector with effect from 25th October, 1960.

Dr. Lawrence Spiteri, M.D., D.Bact., appointed Principal Laboratory Officer with effect from 29th December, 1960.

Drs. Raphael Attard, M.D., F.R.C.S. and Emanuel Schembri Wismayer, M.D. appointed Registrars with effect from 29th December, 1960.

*Training of Personnel*

Messrs. Paul Scerri and Michael Camilleri, Health Inspectors attended a Course under the auspices of the London School of Hygiene and Tropical Medicine on Environmental Control.

Mr. Elia Borg, Public Cleansing Officer, joined the Public Cleansing Department of the City of Westminster for a period of one year to gain experience in his work.

Mr. Victor M. Darmanin, Hospital Secretary, proceeded to the United Kingdom to study the general pattern of English hospital administration under the auspices of the Institute of Hospital Administration.

## LEGISLATION

The following legislation came into force during the year:—

a) Ordinance V of 1960 — amending sections 2 and 85 of the Code of Police Laws (Chapter 13) so as to give the Sanitary Authorities wider powers in relation to the height of walls and the area of courtyards in new buildings over 80 feet in height.

b) Legal Notice No. 1 of 1960 — revising the tariff of fees payable to medical practitioners.

## MISCELLANEOUS

*Council of Health*

The Council of Health held two meetings in June and August, 1960, to consider proposals (i) aiming at the enforcement of a more hygienic method in the conveyance of meat from slaughterhouses to place of sale, and (ii) for the introduction of measures considered necessary to make the Animal Diseases Eradication Scheme function successfully.

*Medical Examinations*

The Medical Officers of Health carried out the medical examinations of all Government employees prior to their taking up appointment/employment in the Public Service. Medical Officers of Health were also individually appointed chairmen of medical boards which examined serving employees who had exceeded their statutory sick leave entitlement or who were reported as physically unfit for further service.

Medical Examinations	...	...	...	...	978
Medical Boards	...	...	...	...	187

*Inspection of Pharmacies*

During the year under review the Medical Officers of Health individually and in company of an Analyst from the Public Health Laboratories paid surprise visits to private pharmacists in terms of the provisions of the Medical and Kindred Professions Ordinance (Chapter 51 of the Laws of Malta) to verify whether imperfect, deteriorated or abnoxious substances were kept, whether pharmacies were maintained in accordance with the provisions of the law and to detect infringements of the Dangerous Drugs Ordinance and Regulations.

*Vaccinations*

T.A.B., Cholera and yellow fever inoculations and smallpox vaccinations were given to persons proceeding abroad either as emigrants or for other purposes and requiring a complete and valid International Certificate of Vaccinations.

As all parents are compelled by the provisions of the Prevention of Diseases Ordinance (Chapter 59 of the Laws of Malta) to have their babies vaccinated

against smallpox soon after the infants attain the age of two months, two public gratuitous vaccination sessions are held every year in every district of Malta and Gozo. These sessions are held by the District Medical Officers in the Government dispensaries. Vaccine lymph is also made available free of charge to all medical practitioners.

#### *District Medical Service*

In addition to the public vaccination sessions, the district medical service is available to all members of the public and free of charge in the case of indigent persons in all the districts of Malta and Gozo. This service is run by a medical officer appointed for each district who holds daily clinics at the Government dispensary of his district and who also pays domiciling visits to necessitous patients.

#### *St. Luke Hospital Training School for Nurses*

Two admission examinations were held and twenty candidates were allowed to join the School — fifteen as student nurses and five as student health visitors.

The bi-annual preliminary and final examination for the certificate of trained nurse were held in June and December. Eleven out of eighteen students were successful in the preliminary examination. Six out of eleven students were successful in the final examination and they were awarded the Certificate of Trained Nurse.

#### *Treatment of Patients in Hospitals Abroad*

Patients continued to be sent for treatment abroad under the Government Sponsorship Scheme in respect of those conditions for which no treatment is available locally,

Arrangements were finalised this year with the Italian Association of the Sovereign Military Order of Malta for Government sponsored patients to be sent to the Istituto Regina Elena in Rome for treatment involving deep X-ray therapy. Hitherto, patients requiring such treatment were invariably sent to the Royal Marsden Hospital in London but now they may also be sent to the Istituto Regina Elena which is annexed with the Policlinico of Rome.

These new arrangements were made after extensive enquiries and assurances that the treatment available in Rome was certainly not inferior to that obtained at the Royal Marsden Hospital.

During this year 112 patients were referred for treatment abroad. Out of this number, 45 were referred to the Istituto Regina Elena in Rome. The remaining 80 were admitted to hospitals in the United Kingdom as follows:—

Royal Marsden Hospital ... ..	38
The National Hospital for Nervous Diseases ... ..	17
Hospital for Sick Children ... ..	5
Middlesex Hospital ... ..	4
Harefield Hospital ... ..	4
Hammersmith Hospital ... ..	3
Atkinson Morley Hospital ... ..	3
Queen Victoria Hospital ... ..	1
St. Thomas Hospital ... ..	1
Queen Mary Roehampton Hospital ... ..	1
St. Luke Hospital, Surrey ... ..	1
Stoke Mandeville Hospital ... ..	1
Nuffield Orthopaedic Centre, Oxford ... ..	1

#### *Expenditure and Revenue*

The actual expenditure of the Department for the calendar year ending December, 1960 was as follows:—

A. Personal Emoluments ... ..	£804,345
B. Other Charges ... ..	617,131
C. Special Expenditure ... ..	4,191
D. Public Cleansing Service ... ..	288,060

The Revenue collected during the same period amounted to £51, 343.

## APPENDIX A

## Deaths from Principal Causes

Year	Infective and Parasitic Diseases	Malignant Neoplasms	Diabetes Mellitus	Diseases of the Blood and Blood-forming Organs	Cerebral Haemorrhage etc.	Arteriosclerotic and Degenerative Heart Disease	Diseases of Arteries (Arteriosclerosis)	Bronchitis	Pneumonia (all forms)	Gastro-Enteritis and Colitis (under 2 years)	Gastro-Enteritis and Colitis (2 years and over)	Acute Nephritis	Chronic Nephritis	Diseases of Pregnancy, Childbirth and the Puerperium	Congenital Malformations	Ill-defined Diseases Peculiar to Early Infancy and Immaturity Unqualified	Birth Injuries	Post-natal Asphyxia and Atelectasis	Senility
1951	161	248	83	24	389	649	35	101	99	340	12	5	92	7	43	299	35	114	272
1952	101	297	103	8	355	739	52	84	96	178	6	12	73	8	38	186	43	88	197
1953	96	269	87	9	315	604	56	44	68	144	6	12	57	6	39	176	37	87	161
1954	80	287	102	5	354	690	50	75	86	158	6	12	86	8	65	149	34	94	163
1955	76	296	82	9	375	566	40	44	67	79	3	7	61	7	62	64	44	62	176
1956	76	309	78	6	423	679	42	56	55	59	9	4	63	6	70	81	37	61	185
1957	72	338	110	8	364	575	44	76	64	41	11	4	77	8	61	73	40	51	206
1958	57	285	136	8	392	545	49	75	45	46	4	2	87	11	54	61	59	39	59
1959	45	306	143	16	332	594	101	79	54	23	4	2	92	5	54	63	43	39	90
1960	49	321	124	5	339	540	117	74	80	23	4	1	84	5	72	81	39	33	102

The proportion per 1,000 deaths was as shown in the following figures:—

Arteriosclerotic and degenerative heart diseases	...	192
Vascular lesions affecting central nervous system	...	120
Malignant Neoplasms	...	114
Diabetes mellitus	...	44
Diseases of arteries (arteriosclerosis)	...	41
Senility	...	36
Chronic nephritis	...	30
Ill-defined diseases peculiar to early infancy and immaturity unqualified	...	29
Pneumonia (all forms)	...	28
Bronchitis	...	26
Congenital malformations	...	26
Infective and parasitic diseases	...	17
Birth injuries	...	14
Post natal asphyxia and atelectasis	...	12
Gastro-enteritis and colitis (under 2 years)	...	8
Diseases of the blood-forming organs	...	2
Diseases of pregnancy, childbirth and the puerperium	...	2
Gastro-enteritis and colitis (2 years and over)	...	1
Other causes	...	258

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1,000

## APPENDIX B

## Comparative Birth, Death and Marriage Rates

## Malta and Gozo

Year	Births			Death-Rate		Marriage-Rate per 1,000 population	Natural increase	
	Live	Rate per 1,000 population	Still	Rate per 100 total births	Infant Mortality-Rate			Total Death-Rate
1941	7,352	27.09	240	3.1	303.45	23.74	16.7	908†
1942	6,768	25.15	227	3.3	345.15	31.97	15.0	1,835
1943	8,452	31.06	293	3.3	210.00	20.49	19.6	2,874
1944	10,963	39.26	334	2.9	116.30	13.25	19.5	7,263
1945	10,998	38.37	317	2.8	144.03	14.01	16.2	6,982
1946	11,304	38.29	298	2.5	130.75	13.72	14.4	7,254
1947	11,612	38.20	304	2.5	120.30	12.62	12.01	7,774
1948	11,029	36.04	262	2.3	112.97	12.21	12.80	7,292
1949	10,590	34.05	251	2.3	83.76	10.69	11.61	7,264
1950	10,281	32.95	280	2.6	88.51	10.33	11.20	7,057
1951	9,511	30.35	205	2.2	99.78	11.10	12.18	6,035
1952	9,226	29.30	221	2.3	71.75	10.69	11.00	5,861
1953	8,977	28.29	188	2.0	64.82	8.98	12.89	6,129
1954	8,991	28.11	194	2.1	66.95	9.60	13.37	5,920
1955	8,560	27.23	200	2.3	44.98	8.53	14.03	5,877
1956	8,418	26.80	188	2.2	42.65	9.29	12.73	5,500
1957	8,794	27.53	177	2.0	40.71	9.25	12.43	5,839
1958	8,528	26.49	194	2.2	39.99	8.56	13.40	5,871
1959	8,499	26.16	193	2.2	34.95	8.73	12.55	5,663
1960	8,565	26.07	172	2.0	38.30	8.58	11.84	5,746

† Decrease.



## APPENDIX C

## Cases of and Deaths from Notifiable Diseases, 1960

YEAR	1 Pulmonary tuberculosis		2/5 Other forms of tuberculosis		12 Typhoid fever		15 Undulant fever		17 Scarlet fever		19 Erysipelas		21 Diphtheria		22 Whooping-cough		23 Cerebro-spinal fever		26B Tetanus neonatorum	
	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.
1951	171	68	...	a)...	180	4	613	6	40	...	43	...	29	1	694	10	4	1	3	3
1952	146	34	88	12	118	6	550	4	42	...	38	...	208	11	1141	8	8	1	1	1
1953	177	39	54	14	132	1	425	3	25	...	35	2	140	6	207	1	7	2	2	2
1954	157	36	40	3	107	2	548	2	57	...	34	...	85	7	837	3	6	1	...	...
1955	141	41	42	5	109	1	522	1	84	1	35	3	81	2	123	2	9	...	...	...
1956	161	34	27	3	131	...	432	2	32	...	47	2	114	7	8	...	7	1	...	...
1957	125	35	28	2	124	.	257	1	23	...	52	...	38	2	3424	7	9	...	1	1
1958	118	23	17	4	60	...	117	...	68	...	39	1	32	3	92	...	2	1	..	...
1959	75	20	51	2	80	...	220	1	47	...	45	1	38	...	5	...	4	2	1	...
1960	117	19	27	3	34	1	260	1	69	...	53	...	32	...	11	...	5	1	1	1

YEAR	28 Acute anterior poliomyelitis		32 Measles		36B Murine Typhus		43H Chicken-pox		43L Leishmaniasis		88 Influenza		89 Pneumonia		90 Broncho-pneumonia		115 Puerperal fever		43J Trachoma
	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.
1951	43	...	4,486	17	43	1	284	...	58	3	283	1	81	14	134	61	18	...	55
1952	37	1	45	...	20	1	485	...	55	...	266	3	69	17	138	79	17	...	51
1953	26	1	193	...	9	...	354	...	63	1	46	1	86	14	118	53	16	...	59
1954	14	1	2,788	6	20	...	431	...	49	...	37	2	157	17	302	67	9	...	57
1955	5	...	489	1	31	...	420	...	26	...	73	1	75	14	164	50	10	...	28
1956	41	...	61	...	14	1	735	...	14	1	137	2	100	17	203	38	2	...	18
1957	7	...	1,721	2	8	1	403	...	16	1	873	11	75	13	244	51	3	...	38
1958	2	...	888	4	18	...	224	...	24	1	39	4	63	1	130	40	3	...	14
1959	14	...	239	...	7	...	326	...	24	...	4124	10	91	10	249	33	1	...	9
1960	...	...	36	...	9	1	708	...	9	...	72	1	117	4	162	58	2	1	5

## APPENDIX D

## Monthly Notification of Infectious Diseases, 1960

MONTH	1		2/5		12		15		17		19		21		22		23	
	Pulmonary Tuberculosis		Other Forms of T. B.		Typhoid Fever		Undulant Fever		Scarlet Fever		Erysipelas		Diphtheria		Whooping-Cough		Cerebro-spinal Fever	
	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.
January ...	12	1	—	—	3	—	24	—	4	—	5	—	6	—	—	—	2	—
February ...	8	1	—	—	1	—	26	—	7	—	6	—	4	—	—	—	1	—
March ...	8	1	5	—	2	—	33	—	2	—	2	—	5	—	—	—	—	—
April ...	11	2	4	—	3	—	35	—	13	—	3	—	4	—	—	—	—	—
May ...	11	3	4	1	3	—	26	—	9	—	1	—	1	—	1	—	—	—
June ...	6	2	2	1	10	—	33	—	5	—	4	—	1	—	1	—	—	—
July ...	8	1	—	1	2	—	27	—	1	—	4	—	1	—	2	—	—	—
August ...	12	1	5	—	8	—	17	—	—	—	5	—	2	—	4	—	—	—
September	10	2	—	—	8	—	8	—	3	—	12	—	1	—	2	—	1	—
October ...	10	3	4	—	4	—	11	—	8	—	3	—	2	—	—	—	—	—
November	15	—	2	—	4	1	11	—	4	—	5	—	2	—	1	—	1	1
December	6	2	1	—	6	—	9	1	13	—	3	—	3	—	—	—	—	—
Total ...	117	19	27	3	54	1	260	1	69	—	53	—	32	—	11	—	5	1

MONTH	26 B		28		32		36 B		43 H		43 L		88		89		90		115		43 J	
	Tetanus (Neonatorum)		Acute Anterior Poliomyelitis		Measles		Typhus Murine		Chickpox		Leishmaniasis		Influenza		Pneumonia		Broncho-pneumonia		Puerperal Fever		Trachoma	
	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.
January ...	—	—	—	—	5	—	—	—	42	—	—	—	33	1	21	1	31	4	—	—	—	—
February ...	—	—	—	—	4	—	1	—	95	—	1	—	11	—	27	—	21	2	—	—	—	1
March ...	—	—	—	—	3	—	—	—	158	—	—	—	9	—	22	—	21	4	1	1	—	—
April ...	1	1	—	—	7	—	—	—	225	—	—	—	7	—	8	—	15	5	—	—	—	1
May ...	—	—	—	—	1	—	—	—	94	—	3	—	—	—	6	—	10	5	—	—	—	—
June ...	—	—	—	—	1	—	1	—	51	—	—	—	—	—	6	—	4	2	—	—	—	—
July ...	—	—	—	—	—	—	—	—	19	—	—	—	—	—	7	1	10	6	—	—	—	—
August ...	—	—	—	—	5	—	1	—	8	—	—	—	1	—	2	—	10	6	—	—	—	—
September	—	—	—	—	3	—	1	—	2	—	—	—	—	—	7	—	13	8	1	—	—	2
October ...	—	—	—	—	1	—	1	—	3	—	1	—	—	—	1	—	9	5	—	—	—	1
November	—	—	—	—	3	—	3	—	6	—	2	—	4	—	3	2	5	2	—	—	—	—
December	—	—	—	—	3	—	1	1	5	—	2	—	7	—	7	—	13	9	—	—	—	—
Total ...	1	1	—	—	36	—	9	1	708	—	9	—	72	1	117	4	162	58	2	1	—	5

APPENDIX E  
Notifiable Infectious Diseases by Locality, 1960 — Malta

LOCALITY	Pulmonary Tuberc.		Other Form of T. B.		Typhoid Fever		Undulant Fever		Scarlet Fever		Erysipelas		Diphtheria		Whooping Cough		Cerebro-spinal Fever		Acute Anterior Poliomyelitis		Measles		Murine Typhus		Chicken pox		Leishmaniasis		Influenza		Pneumonia		Bronchopneumonia		Puerperal Fever		Tetanus Neonatorum		Trachoma	
	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.			
Attard ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Balzan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Birkirkara ...	7	...	2	...	2	...	19	...	8	...	6	...	1	...	...	...	3	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Biżżebuga ...	6	...	1	...	...	...	1	...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cospicua ...	3	...	2	...	1	...	11	...	1	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Dingli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Floriana ...	4	1	1	...	1	1	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Għargħur ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Għaxaq ...	...	...	...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Gudja ...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
G'ira ...	3	...	...	...	...	...	...	...	7	...	3	...	2	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hamrun ...	7	1	1	...	1	...	3	...	3	...	7	...	2	...	...	...	...	...	...	...	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Kalkara ...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Kirkop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Lija ...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Luqa ...	2	...	...	...	1	...	8	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Marsa ...	6	3	1	...	3	...	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Marsaskala ...	...	1	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Marsaxlokk ...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mdina ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Melleha ...	1	...	...	...	...	...	3	...	1	...	1	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mgarr & Żebbiegħ ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mosta ...	1	...	1	...	2	...	8	...	...	...	...	...	2	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mqabba ...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Msida ...	2	...	...	...	2	...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Naxxar ...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Paola ...	5	2	1	...	1	...	8	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Pietà ...	2	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Qormi ...	10	1	3	1	10	...	10	...	...	...	2	...	5	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Qrendi ...	...	1	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Rabat ...	6	...	3	1	3	...	30	1	2	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Safi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Julian's ...	4	...	...	...	...	...	3	...	3	...	4	...	1	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Paul's Bay ...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Venera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Senglea ...	1	...	...	...	...	...	7	...	4	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Siggiewi ...	3	1	1	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sliema ...	8	2	2	1	1	...	2	...	9	...	4	...	1	...	4	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Tarxien ...	2	1	...	...	...	...	15	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Valletta ...	10	1	4	...	...	...	...	...	...	...	4	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Vittoriosa ...	4	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Żabbar ...	7	...	1	...	5	...	12	...	2	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Żebbuġ ...	1	...	...	...	2	...	3	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Żejtun ...	5	...	...	...	3	...	12	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Żurrieq ...	5	1	...	...	...	...	16	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Total Malta</b> ...	<b>117</b>	<b>18</b>	<b>27</b>	<b>3</b>	<b>42</b>	<b>1</b>	<b>202</b>	<b>1</b>	<b>64</b>	<b>...</b>	<b>47</b>	<b>...</b>	<b>32</b>	<b>...</b>	<b>11</b>	<b>...</b>	<b>5</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>35</b>	<b>...</b>	<b>9</b>	<b>1681</b>	<b>...</b>	<b>9</b>	<b>...</b>	<b>63</b>	<b>1</b>	<b>117</b>	<b>4152</b>	<b>54</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>5</b>			

APPENDIX E (Contd.)

Notifiable Infectious Diseases by Locality, 1960 — Gozo

LOCALITY	Pulmonary Tuberc		Other Forms of T. B.		Typhoid Fever		Undulant Fever		Scarlet Fever		Erysipelas		Diphtheria		Whooping Cough		Cerebro-spinal Fever		Acute Anterior Poliomyelitis		Measles		Typhus Murine		Chicken pox		Leishmaniasis		Influenza		Pneumonia		Broncho-Pneumonia		Puerperal Fever		Tetanus Neonatorum		Tra-choma
	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.	D.	C.		
Kemmuna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ghajnsielem and Mgarr ...	...	...	...	...	3	...	6	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Gharb ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ghasri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	4	1	...	...	...	...	...	...	
Kercem and St Lucia ...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Marsalforn ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadur ...	...	...	...	...	...	...	7	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Qala ...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
San Lawrenz ...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sannat and Munxar ...	...	...	...	...	...	...	11	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Victoria ...	...	...	1	...	...	...	17	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	1	...	...	...	...	...	...	
Xaghra ...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Xewkija ...	...	...	...	...	...	...	5	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Xlendi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Żebbuġ ...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total Gozo ...	...	1	...	...	12	...	58	...	5	...	6	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	9	...	...	...	...	10	4	1	1	1	1	...	
Total Both Islands...	117	19	27	3	54	1	260	1	69	...	53	...	32	...	11	...	5	1	...	...	36	...	9	1708	...	9	...	72	1	117	4	62	58	2	1	1	1	5	

## APPENDIX F

## Age and Sex Distribution of Cases and Deaths — Notifiable Infectious Diseases — 1960

AGES	Influenza 88				Pneumonia 89				Broncho- Pneumonia 90				Scarlet Fever 17				Diphtheria 21				Typhoid Fever 12				Undulant Fever 15				Murine Typhus 36B			
	Cases		Deaths		Cases		Deaths		Cases		Deaths		Cases		Deaths		Cases		Deaths		Cases		Deaths		Cases		Deaths					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year ... ..	2	...	1	...	4	8	...	...	32	15	13	14	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1 year ... ..	...	2	...	...	5	1	...	...	10	5	5	2	3	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
2 years ... ..	1	...	...	...	1	3	...	...	5	5	...	...	4	...	...	...	2	1	...	...	...	...	...	...	2	3	...	...	...	...	...	...
3 years ... ..	1	...	...	...	1	...	...	...	1	3	...	...	0	2	...	...	3	2	...	...	...	...	...	...	8	4	...	...	...	...	...	...
4 years ... ..	...	1	...	...	2	...	...	...	1	1	...	...	6	5	...	...	2	4	...	...	1	...	...	...	5	6	...	...	...	...	...	...
5 to 9 years... ..	1	2	...	...	3	6	...	...	4	5	...	...	10	21	...	...	3	11	...	...	5	8	...	...	29	29	...	...	...	...	...	...
10 to 14 " ... ..	1	2	...	...	3	3	...	...	1	2	...	...	4	4	...	...	1	...	...	...	13	9	...	...	35	16	...	...	1	...	...	...
15 to 19 " ... ..	3	3	...	...	2	...	...	...	3	2	1	...	1	...	...	...	1	...	...	...	2	2	...	...	12	13	...	...	...	1	...	...
20 to 24 " ... ..	3	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	2	...	...	11	6	...	...	...	...	...	...
25 to 34 " ... ..	11	3	...	...	5	4	...	...	3	1	...	1	...	1	...	...	...	...	...	...	...	5	...	...	15	12	...	...	1	2	...	...
35 to 44 " ... ..	9	...	...	...	9	2	...	...	4	2	1	...	...	...	...	...	...	...	...	...	2	2	1	...	10	7	...	...	...	...	...	...
45 years & over ... ..	15	10	...	...	30	25	2	2	31	25	13	8	...	1	...	...	...	...	...	...	...	2	...	...	20	16	1	...	3	1	...	1
Total ... ..	47	25	1	...	65	52	2	2	95	67	93	25	84	35	...	...	12	20	...	...	24	30	1	...	148	112	1	...	5	4	...	1

## APPENDIX G

## Age distribution of Neonatal Deaths

Year	Under 1 week	Over 1 week under 2 weeks	Over 2 weeks under 3 weeks	Over 3 weeks under 4 weeks	Total
1958	156	15	20	7	198
1959	151	18	15	7	191
1960	162	28	18	8	216

## Infant deaths between 1 and 12 months

Year	Over 1 month under 3 months	Over 3 months under 6 months	Over 6 months under 9 months	Over 9 months under 12 months	Total
1958	50	51	35	7	143
1959	40	33	21	12	106
1960	46	34	16	16	113

## Age distribution of deaths in children under 5 years

Year	Under 1 month	Under 1 year including 1 month	Over 1 year under 5 years
1958	198	341	39
1959	191	297	34
1960	162	328	28

## Distribution of deaths by ages between 1 and 5 years

Year	Over 1 year under 2 years	Over 2 years under 3 years	Over 3 years under 4 years	Over 4 years under 5 years	Total
1958	15	12	5	7	39
1959	15	8	6	5	34
1960	18	3	2	5	28

## APPENDIX H

## Infant Mortality Rate over the last 20 years by month

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average Rate Per Year
1941 ... ..	134.43	134.98	149.44	183.64	290.50	678.06	691.62	495.62	338.26	246.68	270.11	191.20	303.45
1942 ... ..	164.63	232.89	155.58	198.74	384.23	561.03	541.24	417.82	424.68	482.11	445.91	241.64	345.15
1943 ... ..	136.15	84.17	100.72	105.61	142.25	380.13	459.92	446.07	330.04	287.90	147.65	112.02	210.00
1944 ... ..	84.99	103.06	74.64	74.23	91.96	180.41	140.87	132.69	138.77	125.00	138.70	127.77	116.30
1945 ... ..	107.17	80.25	56.72	71.51	164.85	250.37	218.03	193.90	202.85	191.55	131.76	107.07	144.30
1946 ... ..	67.30	66.23	71.27	93.20	122.83	130.04	148.71	205.10	149.83	148.32	195.37	163.36	130.75
1947 ... ..	93.02	74.29	61.97	90.23	109.54	162.50	167.62	177.55	142.12	144.12	129.86	115.34	120.30
1948 ... ..	98.85	89.85	79.80	95.02	150.07	171.74	139.02	135.85	67.41	131.71	107.47	89.00	112.97
1949 ... ..	72.55	60.35	72.38	83.33	65.77	93.71	126.56	83.73	106.89	95.87	94.01	63.46	83.76
1950 ... ..	40.07	56.60	65.92	48.80	72.90	97.31	178.21	160.85	111.40	105.79	78.53	82.21	88.51
1951 ... ..	81.28	57.03	79.72	70.96	119.25	146.16	132.99	158.67	100.64	101.71	86.29	78.16	99.78
1952 ... ..	73.64	42.89	51.07	43.53	40.34	137.48	69.2	88.00	83.33	76.82	91.41	69.99	71.75
1953 ... ..	73.98	55.26	53.45	45.02	51.06	69.54	136.23	67.69	55.26	56.47	53.98	60.86	64.82
1954 ... ..	43.01	71.33	69.17	42.35	49.40	102.64	96.91	88.40	66.84	57.66	58.66	63.80	66.95
1955 ... ..	38.91	51.67	26.67	48.92	48.6	52.95	69.32	41.60	39.65	36.66	41.78	49.13	44.98
1956 ... ..	30.46	54.32	42.29	37.25	46.51	44.23	63.29	46.55	41.98	33.06	33.20	40.38	42.65
1957 ... ..	29.26	51.65	32.14	35.24	41.73	48.89	30.30	53.98	27.17	47.56	42.41	49.80	40.71
1958 ... ..	36.82	47.16	33.24	34.33	44.73	35.44	32.62	58.31	24.15	46.09	44.57	41.56	39.99
1959 ... ..	37.71	40.17	41.79	42.72	25.79	26.79	37.56	37.14	28.40	39.79	29.05	31.99	34.95
1960 ... ..	45.76	41.10	41.69	41.32	40.05	32.89	43.85	38.94	25.48	33.28	31.30	40.11	38.30

## APPENDIX I

## Population, Live Births, Live Birth-rate, Still Births, Still-Birth-rate by District, 1960

Locality	Population	Live Births	Live Birth-Rate per 1000 population	Still Births	Still Births Rate per 100 Total Births
MALTA					
Attard ... ..	2,690	33	12.27	—	—
Balzan ... ..	2,853	111	38.91	—	—
B'kara ... ..	17,775	507	28.67	7	1.4
Birżebbuġia ... ..	5,622	205	36.46	5	2.4
Cospicua ... ..	9,307	311	33.42	6	1.9
Dingli ... ..	2,806	39	18.70	1	2.5
Floriana ... ..	5,886	152	25.82	3	1.9
Għargħur ... ..	1,885	45	23.87	—	—
Għaxaq ... ..	2,917	77	26.40	1	1.3
Gudja ... ..	1,779	45	25.30	4	8.2
Gżira ... ..	9,086	345	37.97	7	2.0
Hamrun ... ..	16,986	396	23.31	8	2.0
Kalkara ... ..	2,179	61	27.99	—	—
Kirkop ... ..	1,249	31	24.82	—	—
Lija ... ..	2,156	58	26.90	—	—
Luqa ... ..	5,545	143	25.79	2	1.4
Marsa ... ..	10,887	298	26.55	6	2.0
Marsaskala ... ..	909	28	30.80	—	—
Marsaxlokk ... ..	1,532	38	24.80	—	—
Mdina ... ..	832	18	21.63	—	—
Mellieha ... ..	4,388	98	22.33	5	5.0
Mgarr ... ..	2,219	58	26.14	4	6.5
Mosta ... ..	7,555	227	30.05	5	2.2
Mqabba ... ..	2,176	51	23.44	2	4.0
Msida ... ..	6,837	281	41.10	6	2.1
Naxxar ... ..	4,851	104	21.44	2	2.0
Paola ... ..	11,701	414	35.38	3	0.7
Pieta ... ..	4,260	97	22.77	—	—
Qormi ... ..	15,434	336	21.77	10	2.9
Qrendi ... ..	2,175	42	19.31	—	—
Rabat ... ..	13,093	306	23.37	11	3.5
Safi ... ..	720	11	15.28	—	—
St. Julian's ... ..	8,772	302	34.43	9	2.9
St. Paul's Bay ... ..	3,161	99	31.32	3	3.0
St. Venera ... ..	5,419	71	13.10	—	—
Senglea ... ..	5,337	218	40.81	6	2.8
Siggiewi ... ..	5,245	105	20.02	3	2.8
Sliema ... ..	24,056	533	22.16	8	1.5
Tarxien ... ..	7,925	187	23.60	1	0.5
Valetta ... ..	18,433	384	20.83	8	2.0
Vittoriosa ... ..	4,307	146	33.90	2	1.4
Zabbar ... ..	11,460	242	21.12	4	1.6
Zebbuġ ... ..	8,237	191	23.19	5	2.6
Żejtun ... ..	11,819	245	20.73	8	3.2
Zurrieq ... ..	7,137	167	23.40	3	1.8
GOZO					
Għajnsielem, Mgarr & Comino	1,869	52	27.82	1	1.9
Għarb ... ..	1,248	35	28.04	—	—
Għasri ... ..	459	7	15.25	—	—
Kerċem & Sta. Luċia ... ..	1,207	39	23.31	—	—
Nadur ... ..	4,135	98	23.70	3	3.0
Qala ... ..	1,571	30	19.10	—	—
San Lawrenz ... ..	437	15	34.40	—	—
Sannat & Munxar ... ..	1,678	60	35.76	—	—
Victoria ... ..	6,499	159	24.47	3	1.9
Xagħra ... ..	4,049	100	24.70	2	2.0
Xewkija ... ..	3,353	94	28.03	3	3.1
Zebbuġ ... ..	1,225	29	23.67	2	6.5



## APPENDIX J

## Deaths under 1 week

Causes of Death	Under 1 day	1 day	2 days	3 days	4 and under 7 days	Total under 1 week
26 Tetanus ... ..	—	—	—	—	1	1
92 Acute bronchitis ... ..	—	—	—	1	—	1
104(a) Gastro-enteritis ... ..	—	—	—	—	1	1
127 Spina bifida and meningocele ...	2	—	—	—	—	2
128 Congenital malformation of the circulatory system ... ..	3	1	1	—	1	6
129 All other congenital malformations	7	2	2	—	1	12
130 Birth injuries ... ..	29	5	2	—	—	36
131 Postnatal asphyxia and atelectasis	19	6	1	2	2	30
132(a) Diarrhoea of newborn ... ..	—	—	—	—	1	1
132(c) Other infections of newborn ...	—	—	1	—	—	1
133 Haemolytic disease of newborn ...	1	—	—	—	1	2
134 All other defined diseases of early infancy ... ..	2	1	2	1	—	6
135 Ill-defined diseases of early infancy	37	7	12	2	4	62
148 All other accidental causes ...	—	—	—	—	1	1
Total	100	22	21	6	13	162

## APPENDIX K

## Number of Deaths under 5 years of age classified by Cause of Death

DISEASES	Under 1 week	1 & under 2 weeks	2 & under 3 weeks	3 & under 4 weeks	Total under 4 weeks	4 weeks & under 3 months	3 & under 6 months	6 & under 9 months	9 & under 12 months	Total under 1 year	1 year & under 2 years	2 & under 3 years	3 & under 4 years	4 & under 5 years	Total 1 to 5 years	Total under 5 years
	20 Septicaemia and pyaemia ...	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—
26 Tetanus ...	1	—	—	—	1	—	—	—	—	1	—	—	—	—	—	1
65(c) Other specified and unspecified anaemias ...	—	—	—	—	—	—	1	—	—	1	—	—	—	—	—	1
66(b) All other allergic disorders, endocrine, e.c. ...	—	—	—	—	—	1	1	—	—	2	—	—	—	—	—	2
69 Mental deficiency ...	—	—	1	—	1	—	2	—	—	3	—	—	—	1	4	
71 Meningococcal meningitis ...	—	—	—	—	—	1	—	—	—	1	—	—	1	—	2	
73 Epilepsy ...	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	
77(b) Otitis media and mastoiditis ...	—	—	—	—	—	—	2	—	—	2	—	—	—	—	2	
78(b) All other diseases of the nervous system etc. ...	—	—	—	—	—	—	—	—	1	1	1	1	1	—	4	
86 Other diseases of the circulatory system ...	—	1	—	—	1	1	—	—	—	2	—	—	—	—	2	
87 Acute upper respiratory infections ...	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	
88 Influenza ...	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	
90 Broncho-pneumonia ...	—	1	—	—	1	10	12	3	1	27	7	—	—	—	7	
91 Primary atypical, other and unspecified pneumonia ...	—	—	—	—	—	4	—	—	2	6	2	—	—	—	2	
92 Acute bronchitis ...	1	—	2	—	3	4	1	1	2	11	1	—	—	—	12	
93 Bronchitis, chronic and unqualified ...	—	—	—	—	—	—	1	—	—	1	—	—	—	—	1	
95 Empyema and abscess of lung ...	—	—	—	—	—	1	2	—	—	3	—	—	—	—	3	
97(b) All other respiratory diseases ...	—	—	—	—	—	1	—	—	—	1	—	—	—	—	1	
102 Appendicitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	
103 Intestinal obstruction and hernia ...	—	1	—	—	1	—	—	—	—	1	—	—	—	—	1	
104(a) Gastro-enteritis and colitis ...	1	—	—	—	1	4	5	6	5	21	2	—	—	—	23	
107 Other diseases of digestive system ...	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	
108 Acute nephritis ...	—	1	—	—	1	—	—	—	—	1	—	—	—	—	1	
127 Spina bifida and meningocele ...	2	—	—	1	3	—	—	—	—	3	—	—	—	—	3	
128 Congenital malformation of the circulatory system ...	6	1	2	1	10	5	4	3	2	24	1	—	—	1	26	
129 All other congenital malformations ...	12	5	1	1	19	7	2	1	—	29	1	—	—	—	30	
130 Birth injuries ...	36	2	1	—	39	—	—	—	—	39	—	—	—	—	39	
131 Post-natal asphyxia and atelectasis ...	30	2	—	—	32	1	—	—	—	33	—	—	—	—	33	
132(a) Diarrhoea of newborn (under 4 weeks) ...	1	2	4	—	7	—	—	—	—	7	—	—	—	—	7	
132(c) Other infections of newborn ...	1	1	2	4	8	1	—	—	—	9	—	—	—	—	9	
133 Haemolytic disease of newborn ...	2	—	—	—	2	—	—	—	—	2	—	—	—	—	2	
134 All other defined diseases of early infancy ...	6	—	—	—	6	1	—	—	—	7	—	—	—	—	7	
135 Ill-defined diseases of early infancy and immaturity unqualified ...	62	11	4	1	78	1	1	1	—	81	—	—	—	—	81	
138 Motor vehicle accidents ...	—	—	—	—	—	—	—	—	—	—	—	1	—	1	2	
140 Accidental poisoning ...	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	
143 Accident caused by fire & explosion of combustible material ...	—	—	—	—	—	—	—	—	—	—	1	—	—	1	2	
147(b) Foreign body entering other orifice ...	—	—	1	—	1	—	—	—	—	1	—	—	—	—	1	
148(a) All other accidental causes ...	1	—	—	—	1	1	—	1	1	4	—	1	—	—	5	
Total ...	162	28	18	8	216	46	34	16	16	328	18	3	2	5	28	356

## APPENDIX L

## Attendance at Ante-natal Clinics, 1960

LOCALITY	Total Attendances	New Cases			Post-Natal
		Prima-gravidae	Multi-gravidae	Total	
Attard ... ..	22	3	1	4	3
Birkirkara ... ..	626	67	36	103	21
Floriana ... ..	177	9	5	14	4
Gharghur ... ..	180	12	8	20	5
Gzira ... ..	381	28	13	41	13
Lija ... ..	131	10	8	18	5
Mellieha ... ..	184	19	15	34	13
Mgarr... ..	11	1	1	2	—
Mosta... ..	237	19	13	32	5
Msida... ..	418	29	14	43	31
Msierah ... ..	92	6	4	10	6
Naxxar ... ..	371	32	19	51	29
Sliema ... ..	520	31	21	52	22
St. Julians ... ..	254	18	7	25	7
St. Paul's Bay ... ..	82	6	4	10	4
St. Vennera ... ..	101	9	6	15	1
Dingli... ..	10	2	1	3	—
Hamrun ... ..	634	27	71	98	45
Marsa... ..	366	20	44	64	22
Qormi... ..	139	5	27	32	4
Rabat... ..	246	7	23	30	24
Siggiewi ... ..	61	4	6	10	1
Valletta ... ..	273	11	35	46	8
Zebbug ... ..	246	18	35	53	6
Birzebbuga ... ..	149	4	30	34	8
Cospicua ... ..	365	29	34	63	25
Ghaxaq/Gudja ... ..	80	3	10	13	7
Kalkara ... ..	135	9	17	26	13
Kirkop ... ..	70	5	9	14	4
Luqa ... ..	277	14	39	53	15
Marsascala/Xghajra ... ..	36	4	10	14	6
Mqabba ... ..	139	9	24	34	10
Paola/Tarxien ... ..	547	33	74	107	31
Qrendi ... ..	41	4	15	19	—
Senglea ... ..	493	33	46	79	33
Vittoriosa ... ..	659	38	88	126	36
Zabbar ... ..	436	25	57	82	9
Zejtun ... ..	322	13	41	54	16
Zurrieq ... ..	295	22	34	56	20
St. Luke Hospital ... ..	1,718	—	—	—	—
Total ... ..	11,524	638	946	1,584	516





## APPENDIX N

## School Children referred to Out-Patient Departments of Hospitals

Clinic	Number of Children
Dental ... ..	1,719
Ophthalmic ... ..	578
E.N.T. ... ..	475
Skin ... ..	165
T.B. (Contact) ... ..	130
Child Health ... ..	40
Medieal ... ..	37
Special Education Centre (Speech) ... ..	90
Surgical ... ..	17
Psychiatric ... ..	4
Orthopaedic ... ..	7
Total ... ..	3,262

## APPENDIX O

## Notifiable Infectious Diseases in School Children

	Malta	Gozo
Measles ... ..	7	—
Pulmonary Tb. ... ..	1	1
Chicken Pox ... ..	13	—
Infective Hepatitis ... ..	13	—
Undulant Fever ... ..	—	20
Scarlet Fever ... ..	1	2
Mumps ... ..	5	—
German Measles ... ..	4	—
Trachoma ... ..	1	...
Enteric Fever ... ..	—	3
Varicella ... ..	—	7
Broncho pneumonia ... ..	—	1

## APPENDIX P

## Number of school children inoculated against Diphtheria (A.P.T.)

	Malta	Gozo
1st Dose ... ..	3,300	384
2nd Dose ... ..	2,892	348
Booster Doses ... ..	590	25



## APPENDIX T

## Food Analysis in accordance with the Food, Drugs and Drinking Water Ordinance

Nature of sample	Number Examined	Found Unfit
Wheat ... ..	360	—
Flour ... ..	3,448	2
Semolina ... ..	23	—
Cornflour ... ..	4	—
Dough ... ..	59	—
Yeast ... ..	26	—
Bread ... ..	3,170	32
Paste ... ..	1,672	1
Biscuits and Rusks...	215	—
Milk pasteurized ... ..	52	2
Cheese ... ..	862	1
Cheese Maltese ... ..	79	1
Rkotta ... ..	42	—
Butter ... ..	77	—
Margarine ... ..	726	2
Lard ... ..	1,356	1
Oil ... ..	916	—
Rice ... ..	653	31
Tea ... ..	394	—
Coffee ... ..	346	—
Chicory... ..	41	—
Confectionery & sweets ... ..	890	1
Wine ... ..	722	—
Vinegar... ..	3	—
Spirits ... ..	83	—
Aerated waters ... ..	918	35
Beer ... ..	12	—
Meat preparations... ..	433	6
Fish preparations ... ..	151	2
Cereals ... ..	661	—
Tomato paste ... ..	1,798	—
Salt table ... ..	41	—
Cheesecakes ... ..	49	—
Dried fruit ... ..	352	14
Cocoanut ... ..	33	—
Sugar ... ..	771	12
Spices ... ..	193	—
Miscellaneous ... ..	444	—
<b>Total ...</b>	<b>20,075</b>	<b>148</b>



APPENDIX U  
Bacteriological Examination of Water

Springs, etc.	Probable number of coliform organisms in 100 ml. of sample (McCready's Tables)								Total number of samples tested
	Nil	3 to 10	11 to 20	21 to 30	31 to 40	41 to 50	90	180	
Malta:									
Springs and Pumping Stations:									
Fawwara (Qrendi) ... ..	52	...	...	...	...	...	...	...	52
Buskett (Siggiewi) ... ..	52	...	...	..	...	...	...	...	52
Ghajn Qajjed ... ..	52	...	..	...	...	...	...	...	52
Ghajn Tuffieha ... ..	52	...	...	...	...	...	...	...	52
Mellieha ... ..	52	...	...	...	...	...	...	...	52
Wied il Kbir ... ..	52	...	...	...	...	...	...	...	52
Tal Hlas ... ..	52	...	...	...	...	...	...	...	52
Wied il Ghasel ... ..	52	...	...	...	...	...	...	...	52
Dingli Road ... ..	52	...	...	...	...	...	...	...	52
Ta' Qali ... ..	52	...	...	...	...	...	...	...	52
Ta' Kandia ... ..	52	...	...	...	...	...	1	...	53
Wied Dalam ... ..	52	...	...	...	...	...	...	...	52
Ta' l-Isperanza ... ..	52	...	...	...	...	...	...	...	52
Bingemma ... ..	16	...	...	...	...	...	...	...	16
Gozo									
Ghajn Abdul ... ..	26	...	...	1	...	...	...	...	27
Ghar Ilma ... ..	26	...	..	...	...	...	...	...	26
Marsalforn ... ..	26	...	...	...	...	...	...	...	26
Mgarr Tax-Xini ... ..	26	...	...	1	...	...	...	...	27
Mgarr Pumping Station ... ..	26	...	...	...	...	...	...	...	26
Ta' Cene ... ..	26	...	...	1	...	...	...	1	28
Nadur ... ..	26	...	...	...	...	...	...	...	26
Comino ... ..	11	1	...	1	...	...	1	1	15
Reservoirs:									
Schinas ... ..	52	...	...	...	...	...	...	...	52
Luqa ... ..	52	...	...	...	...	...	...	...	52
Ghaxaq ... ..	52	...	...	...	...	...	...	...	52
Ta' Qali ... ..	52	...	...	...	...	...	...	...	52
Naxxar ... ..	52	...	...	...	...	...	...	...	52
Taps:									
Valletta ... ..	52	...	...	...	...	...	...	...	52
Floriana ... ..	52	...	...	...	...	...	...	...	52
Ham'un ... ..	52	...	...	...	1	...	...	...	53
Sliema ... ..	52	...	...	...	...	...	...	...	52
Msida ... ..	52	...	...	...	...	...	...	...	52
Cospicua ... ..	52	...	...	...	...	...	...	...	52
Zebbug ... ..	52	...	...	...	...	...	...	...	52
Qormi ... ..	52	...	...	...	...	...	...	...	52
Zejtun ... ..	52	...	...	...	...	...	...	...	52
Ballutta ... ..	52	...	...	...	...	...	...	...	52
St. Julians ... ..	52	...	...	...	...	...	...	...	52
Paceville ... ..	52	...	...	...	...	...	...	...	52
Total ... ..	1,769	1	...	4	1	...	2	2	1,779

## APPENDIX V

## Results of Examinations of Blood for Undulant and Typhoid Fevers

	Positive results against Br. Melitensis			Positive results against Salm. Typhi			Negative results	Total No. of Tests
	Malta	Gozo	Total	Malta	Gozo	Total		
January ...	23	3	26	6	1	7	58	91
February ...	23	4	27	2	1	3	81	111
March ...	23	9	32	7	3	10	116	158
April ...	37	3	40	5	2	7	162	209
May ...	27	4	31	3	—	3	132	166
June ...	21	9	30	8	1	9	195	234
July ...	21	8	29	3	—	3	211	243
August...	15	8	23	7	2	9	172	204
September ...	10	3	13	2	3	5	162	180
October ...	8	2	10	2	1	3	117	130
November ...	14	5	19	2	—	2	127	148
December ...	9	3	12	3	—	3	87	102
<b>Total</b> ...	<b>231</b>	<b>61</b>	<b>292</b>	<b>50</b>	<b>14</b>	<b>64</b>	<b>1,620</b>	<b>1,976</b>

## Results of Examination of Swabs for C. Diphtheria

Swabs	Onset of Disease			Period of Convalescence			Swabs from Contacts	Swabs from Practi- tioners
	1st	2nd	3rd	1st	2nd	3rd		
Positive ...	23	2	1	2	2	1	2	6
Negative ...	110	128	91	52	42	33	85	45
<b>Total</b> ...	<b>133</b>	<b>130</b>	<b>92</b>	<b>54</b>	<b>44</b>	<b>34</b>	<b>87</b>	<b>51</b>

## APPENDIX W

## Number and species of rats examined (Civil).

Month	Rattus Norvegicus	Rattus Frugiverus	Rattus Rattus	Mus Musculus	Total	Found infected
January ...	35	—	—	1	36	Nil
February ...	54	3	—	—	57	Nil
March ...	57	—	—	—	57	Nil
April ...	112	—	—	1	113	Nil
May ...	64	—	—	—	64	Nil
June ...	70	—	—	—	70	Nil
July ...	26	—	—	4	30	Nil
August ...	77	—	—	—	77	Nil
September ...	50	—	—	—	50	Nil
October ...	25	2	—	—	27	Nil
November ...	34	—	—	—	34	Nil
December ...	42	—	—	—	42	Nil
Total ...	646	5	—	6	657	Nil

## Number and species of rats examined (Defence Services)

Month	Rattus Norvegicus	Rattus Frugiverus	Rattus Rattus	Mus Musculus	Total	Found infected
January ...	9	13	1	9	32	Nil
February ...	21	11	—	4	36	Nil
March ...	12	22	—	14	48	Nil
April ...	7	18	—	8	33	Nil
May ...	5	24	—	2	31	Nil
June ...	22	22	—	4	48	Nil
July ...	36	22	2	7	67	Nil
August ...	5	46	9	5	65	Nil
September ...	16	34	6	7	63	Nil
October ...	24	1	1	10	36	Nil
November ...	31	22	9	6	68	Nil
December ...	35	19	9	4	67	Nil
Total ...	223	254	37	80	594	Nil

## APPENDIX X

## Summary of the work performed by the Port Health Staff

Ships inspected in all the Harbours	2,009
Ships inspected in the Grand Harbour	1,894
Ships inspected at Marsaxlokk Bay	65
Ships inspected at Marsamxett Harbour	22
Ships inspected at St. Paul's Bay	10
Ships inspected outside harbour	18
Ships inspected and admitted to pratique	2,007
Aircraft dealt with by the Port Medical Officers	480
Ships inspected and kept in quarantine	2
Ships having or having had, infectious disease on board	73
Aircraft having infectious disease on board	—
Number of cases of infectious disease on board	69
Number of cases of infectious disease disposed of prior to arrival	4
Number of cases of infectious disease landed at Malta	8
Persons arriving by sea served with warning for surveillance	907
Persons arriving by air served with warning for surveillance	273
Persons arriving by sea served with notice re infectious disease	456
Persons arriving by air served with notice re infectious disease	4,270
Persons kept under surveillance inspected at the Port Health Office	14
Inspections of imported fresh fish	66
Ships partially disinfected	18
Ships, lighters and other craft inspected by Port Health Inspector	2,139
Certificates re Hay, Straw and Cotton seed examined	2
Certificates re Tomatoes examined	16
Certificates re Lard examined	205
Certificates re Meat products examined	1,462
Samples of food and drink taken	75

## Foodstuffs examined, condemned and destroyed by the Port Health Inspector:—

Meat and Meat Products	17,403 lbs.
Fresh and Frozen Fish	81,540 lbs.
Tinned Fish	675 lbs.
Poultry and Game	480 lbs.
Tinned Beans and Peas	223 lbs.
Dried Milk	1,550 lbs.
Cereals	1,263 lbs.
Pickles	21 lbs.
Fats, butter and margarine	1,356 lbs.
Tinned Milk	162,934 tins.
Spirits	2,940 bottles
Wheat, Potatoes and Vegetables	63,480 lbs.
Biscuits and pastries	368 lbs.
Preserved fruits	49 lbs.
Sugar	113,110 lbs.
Tea and Coffee	52 lbs.
Cheese	400 lbs.

## APPENDIX Y

## Number of persons vaccinated against Poliomyelitis during 1960 by district

District	1st Dose	2nd Dose	1st Dose only	Maintenance Dose
Attard ... ..	37	37	—	40
Dingli ... ..	57	55	2	135
Mensija ... ..	152	149	3	138
St. Julian's ... ..	404	394	10	292
Gżira ... ..	253	241	12	228
Sliema ... ..	391	361	30	415
Għargħur ... ..	150	134	16	119
Naxxar ... ..	202	186	16	252
Marsaxlokk ... ..	64	60	4	75
Mgarr ... ..	111	104	7	469
Għaxaq ... ..	109	106	3	370
Lija/Balzan ... ..	138	129	9	140
Qormi ... ..	510	503	7	244
St. Paul's Bay ... ..	127	120	7	144
Zebbuġ ... ..	93	93	—	123
Floriana ... ..	169	159	10	130
Siggiewi ... ..	32	31	1	147
Albert Town ... ..	10	10	—	1
Marsaskala ... ..	24	20	4	68
Tarxien ... ..	44	43	1	53
Valletta Head Office ...	452	311	141	868
Total ... ..	<u>3,529</u>	<u>3,246</u>	<u>283</u>	<u>4,451</u>

## APPENDIX Z

**Number of Persons vaccinated with first and second doses against Poliomyelitis in  
Malta during 1960 by sex and year of birth.**

Year	Males	Females
1960	13	21
1959	47	31
1958	75	81
1957	84	81
1956	67	55
1955	51	53
1954	119	104
1953	166	180
1952	208	189
1951	189	134
1950	157	171
1949	114	122
1948	136	120
1947	157	110
1946	73	51
1945	33	15
1944	4	4
1943	5	8
1942	—	—
1941	—	—
1940	—	—
1939	—	—
1938	—	—
1937	—	—
1936	—	—
1935	1	3
1934	—	—
1933	—	3
1932	—	—
1931	5	3
1930	—	—
1929	—	—
1928	1	—
1927	—	2
<b>Total</b>	<b>1,705</b>	<b>1,541</b>

## APPENDIX AA

## Number of Persons under five years of age immunised against Diphtheria by district

District	1st Dose	2nd Dose
Paola ... ..	81	79
Żejtun ... ..	88	84
Paola ... ..	134	121
Mqabba ... ..	113	107
Safi ... ..	27	24
Gżira ... ..	91	81
Għaxaq ... ..	81	76
Kirkop ... ..	62	54
Msida ... ..	147	151
Floriana ... ..	91	86
Rabat ... ..	255	240
	<hr/>	<hr/>
Total ... ..	1,170	1,103
	<hr/>	<hr/>





APPENDIX AB (Contd.)

Locality Table showing mortality in quinquennial and decennial age groups by sex

LOCALITY	AGES																								TOTAL		TOTAL both sexes				
	Under 1		1 & under 5		5 & under 10		10 & under 15		15 & under 20		20 & under 25		25 & under 35		35 & under 45		45 & under 55		55 & under 65		65 & under 75		75 & under 85		85 & under 95			95 and over		M	F
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F		
Comino	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Ghajnsielem & Mgarr	...	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	...	6	2	...	...	...	...	10	5	15		
Gharb	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	3	5	7	3	4	1	...	...	17	9	26		
Ghasri	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	1	...	...	...	...	2	4	6			
Kerċem & Santa Lucia	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	3	...	1	3	1	1	2	...	...	9	5	14			
Nadur	2	2	1	...	...	...	...	...	...	...	...	...	...	1	...	...	3	1	6	6	3	6	5	1	...	20	17	37			
Qala	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	2	3	4	6	1	2	...	10	12	22			
San Lawrenz	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	2	2	4			
Sannat & Munxar	4	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	2	...	...	...	5	4	2	1	...	15	6	21			
Victoria	2	3	...	...	...	...	...	...	...	...	...	2	1	...	...	3	6	1	9	7	10	9	2	4	...	31	28	59			
Xaghra & Marsalforn	4	1	1	...	...	...	...	...	...	...	...	...	1	1	1	1	...	...	3	5	6	10	3	3	...	19	21	40			
Xewkija	2	1	...	...	...	...	1	...	1	...	...	1	...	...	...	2	2	1	4	3	3	3	2	...	...	12	15	27			
Zebbug	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	1	...	3	...	2	...	...	...	...	1	3	9		
Total Gozo	16	11	2	...	...	...	1	1	1	1	2	1	3	3	2	4	4	6	19	6	30	38	46	47	22	14	...	...	148	132	280
Total Both Islands	190	138	16	12	8	1	5	6	8	5	12	8	27	23	37	29	113	77	272	180	399	357	334	335	98	124	2	3	1,521	1,298	2,819



## APPENDIX AC (Contd.)

Table showing diseases causing death by month, in accordance with the International List of Causes of Death

Cause of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<i>VII. Diseases of the Circulatory System.</i>													
79. Rheumatic fever	2	3	1	...	2	1	...	...	...	2	2	...	13
80. Chronic rheumatic heart disease	4	1	2	2	1	4	3	...	2	2	2	1	24
81. Arteriosclerotic and degenerative heart disease	50	34	39	42	40	54	41	55	47	44	31	63	540
82. Other diseases of heart	8	8	6	6	15	6	15	16	2	8	4	6	100
83. Hypertension with heart disease	30	27	30	15	10	10	10	9	4	10	12	13	180
84. Hypertension without mention of heart...	1	...	...	...	...	...	...	...	...	...	...	...	1
85. Diseases of arteries	18	22	25	12	3	3	4	7	5	7	5	6	117
86. Other diseases of circulatory system	2	1	...	4	1	1	...	1	2	...	3	1	16
<i>VIII. Diseases of the Respiratory System.</i>													
87. Acute upper respiratory infections	...	...	...	...	...	...	1	...	...	...	...	...	1
88. Influenza	1	...	...	...	...	...	...	...	...	...	...	...	1
89. Lobar pneumonia	1	...	...	...	...	...	1	...	...	...	2	...	4
90. Broncho-pneumonia	4	2	4	5	5	2	6	6	8	5	2	9	58
91. Primary atypical, other and unspecified pneumonia	1	3	2	1	1	2	...	2	...	1	...	5	18
92. Acute bronchitis	4	...	1	...	4	...	3	...	...	3	2	3	20
93. Bronchitis, chronic and unqualified	9	10	3	8	3	...	1	5	3	2	4	6	54
95. Empyema and abscess of lung	...	1	...	...	...	...	1	...	1	...	...	...	3
96. Pleurisy	...	...	...	...	1	1	...	...	...	...	...	...	2
97b. All other respiratory diseases	1	2	2	3	12	3	2	1	1	2	5	...	34
<i>IX. Diseases of the Digestive System.</i>													
99. Ulcer of stomach	...	1	1	...	...	2	...	...	...	1	1	3	9
100. Ulcer of duodenum	1	...	...	...	...	...	1	...	...	1	...	...	3
102. Appendicitis	1	...	...	...	1	...	...	...	...	...	...	1	3
103. Intestinal obstruction and hernia	2	1	2	1	1	...	2	2	1	4	5	4	25
104a. Gastro-enteritis and colitis between 4 weeks and 2 years	2	4	1	...	1	1	3	4	...	4	1	2	23
104b. Gastro-enteritis and colitis ages 2 years and over	...	...	...	...	...	...	...	2	1	1	...	...	4
104c. Chronic enteritis and ulcerative colitis	1	1	...	...	...	...	1	...	...	...	1	...	4
105. Cirrhosis of liver	5	3	1	2	2	1	5	2	3	1	4	3	32
106. Cholelithiasis and cholecystitis	...	...	...	1	...	1	...	1	...	...	1	...	4
107. Other diseases of the digestive system	...	2	2	...	1	1	...	...	2	1	1	1	12
<i>X. Diseases of the Genito-urinary System.</i>													
108. Acute nephritis	...	1	...	...	...	...	...	...	...	...	...	...	1
109. Chronic, other and unspecified nephritis	10	8	6	9	7	11	4	3	3	8	6	9	84
110. Infections of kidney	4	2	3	3	...	3	2	2	1	5	3	1	29
111. Calculi of urinary system	...	...	1	...	...	...	1	...	...	1	1	1	5
112. Hyperplasia of prostate	4	...	4	3	5	1	5	5	1	3	1	6	38
114c. All other diseases of the genito-urinary system	2	1	...	1	...	...	...	...	1	...	...	2	7
<i>XI. Deliveries and Complications of Pregnancy, Childbirth and the Puerperium</i>													
115. Sepsis of pregnancy, childbirth etc.	...	...	1	...	...	...	...	...	...	...	...	...	1
116. Toxaemia of pregnancy and the puerperium	...	...	...	1	...	...	1	...	...	...	...	...	2
116a. Other complications of pregnancy, childbirth and the puerperium	...	...	...	...	...	...	...	1	...	...	1	...	2
<i>XII. Diseases of the Skin and Cellular Tissue</i>													
121. Infections of skin and subcutaneous tissue	...	...	...	...	...	...	...	...	1	...	...	...	1
126a. Chronic ulcer of skin (including tropical ulcer)	...	...	...	...	...	...	...	...	2	1	...	...	3
<i>XIII. Diseases of the Bones and Organs of Movement.</i>													
122. Arthritis and spondylitis	1	1	1	1	...	3	...	...	...	1	...	1	9
123. Muscular rheumatism and rheumatism, unspecified...	...	...	...	...	...	...	...	...	...	...	...	1	1
124. Osteomyelitis periostitis	...	...	...	...	...	...	...	...	1	1	...	...	2

## APPENDIX AC (Contd.)

Table showing diseases causing death by month, in accordance with the  
International List of Causes of Death

Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<i>XIV. Congenital Malformations.</i>													
127. Spina bifida and meningocele ...	...	2	...	...	...	...	...	1	...	...	...	...	3
128. Congenital malformation of the circulatory system ...	7	2	4	...	2	3	3	4	2	1	4	1	33
129. All other congenital malformations ...	4	2	5	4	2	2	2	5	2	3	1	3	36
<i>XV. Certain Diseases of Early Infancy.</i>													
130. Birth injuries ...	5	2	5	4	2	4	4	5	...	...	4	4	39
131. Postnatal asphyxia and atelectasis ...	3	4	1	2	2	2	4	2	...	7	4	2	33
132a. Diarrhoea of newborn (under 4 weeks) ...	1	1	1	...	...	...	...	...	...	2	1	2	7
132c. Other infections of newborn ...	2	2	1	...	1	1	...	1	...	...	1	...	9
133. Haemolytic disease of newborn ...	...	...	...	...	...	1	...	...	...	...	1	...	2
134. All other defined diseases of early infancy ...	...	...	2	1	2	...	1	...	...	1	...	...	7
135. Ill-defined diseases peculiar to early infancy, and immaturity unqualified ...	5	7	6	13	9	11	6	6	6	1	2	9	81
<i>XVI. Symptoms, Senility and Ill-defined Conditions.</i>													
136. Senility without mention of psychosis ...	17	15	13	10	4	4	6	2	3	10	10	8	102
<i>XVII. Accidents, Poisoning and Violence.</i>													
138. Motor vehicle accidents ...	2	1	1	3	2	...	2	...	...	...	3	2	16
140. Accidental poisoning ...	...	...	...	...	...	...	2	...	...	...	...	...	2
141. Accidental falls ...	1	1	1	2	3	3	1	1	1	...	...	...	14
143. Accident caused by fire and explosion of combustible material ...	...	1	1	...	1	2	1	...	1	...	1	...	7
145. Accidents caused by firearm ...	...	...	...	...	...	...	...	...	...	...	...	1	1
146. Accidental drowning and submersion ...	...	...	...	1	...	1	1	...	...	...	...	...	3
147b. Foreign body entering other orifice ...	...	...	1	...	...	...	...	...	...	...	...	...	1
148. All other accidental causes ...	1	1	...	...	1	...	1	3	2	3	...	...	12
148b. Suicide and self inflicted injury ...	1	2	...	1	...	...	...	...	...	...	...	...	4
149. Homicide and injury purposely etc. ...	...	...	...	...	...	...	...	1	...	...	...	...	1
Total ...	295	241	243	222	226	230	231	230	167	211	233	290	2,819



CAUSES OF DEATH	Under 1 year		1 year and under 2		2 years and under 3		3 years and under 4		4 years and under 5		5 years and under 10		10 years and under 15		15 years and under 20		20 years and under 25		25 years and under 35		35 years and under 45		45 years and under 55		55 years and under 65		65 years and under 75		75 years and under 85		85 years and under 95		95 years and over		TOTAL					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Both	Sexes				
	III. Allergic, Endocrine System, Metabolic and Nutritional Diseases. & IV. Diseases of the Blood and Blood-forming Organs																																							
62. Thyrotoxicosis with or without goitre																																								
63. Diabetes mellitus																																								
65a. Pernicious and other hyperchromic anaemias																																								
65c. Other specified anaemias																																								
66a. Asthma																																								
66b. All other allergic disorders, endocrine, metabolic and blood diseases																																								
V. Mental, Psychoneurotic and Personality Disorders																																								
67. Psychosis																																								
68. Psychoneurosis and disorders of personality																																								
69. Mental deficiency																																								
VI. Diseases of the Nervous System and Sense Organs																																								
70. Vascular lesions affecting central nervous system																																								
71. Non-meningococcal meningitis																																								
72. Multiple sclerosis																																								
73. Epilepsy																																								
77b. Otitis media and mastoiditis																																								
78b. All other diseases of the nervous system and sense organs																																								
VII. Diseases of the Circulatory System																																								
79. Rheumatic fever																																								
80. Chronic rheumatic heart disease																																								
81. Arteriosclerotic & degenerative heart disease																																								
82. Other diseases of heart																																								
83. Hypertension with heart disease																																								
84. Hypertension without mention of heart																																								
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86. Other diseases of circulatory system																																								
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91. Primary atypical, other and unspecified pneumonia																																								
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93. Bronchitis, chronic and unqualified																																								
95. Empyema and abscess of lung																																								
96. Pleurisy																																								
97b. All other respiratory diseases																																								
IX. Diseases of the Digestive System																																								
99. Ulcer of stomach																																								
100. Ulcer of duodenum																																								

APPENDIX AD (Contd.)  
Deaths by cause according to age and sex

CAUSES OF DEATH	Under 1 year		1 year and under 2		2 years and under 3		3 years and under 4		4 years and under 5		5 years and under 10		10 years and under 15		15 years and under 20		20 years and under 25		25 years and under 35		35 years and under 45		45 years and under 55		55 years and under 65		65 years and under 75		75 years and under 85		85 years and under 95		95 years and over		TOTAL												
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F											
																																					BOTH SEXES										
102. Appendicitis ... ..										1																									1	2	3										
103. Intestinal obstruction and hernia ... ..		1														1																			8	17	25										
104a. Gastro-enteritis and colitis between 4 weeks and 2 years ... ..	17	4	2																																19	4	23										
104b. Gastro-enteritis & colitis, ages 2 years & over ... ..																																				1	3	4									
104c. Chronic enteritis and ulcerative colitis ... ..																																				2	2	4									
105. Cirrhosis of liver ... ..																																					25	7	32								
106. Cholelithiasis and cholecystitis ... ..																																					1	3	4								
107. Other diseases of digestive system ... ..		1																																			6	6	12								
<i>X. Diseases of Genito-Urinary System</i>																																															
108. Acute nephritis ... ..		1																																				1		1							
109. Chronic, other and unspecified nephritis ... ..																																						42	42	84							
110. Infections of kidney ... ..																																						14	15	29							
111. Calculi of urinary system ... ..																																						2	3	5							
112. Hyperplasia of prostate ... ..																																							38		38						
114c. All other diseases of the genito-urinary system ... ..																																						3	4	7							
<i>XI. Deliveries and Complications of Pregnancy, Childbirth and the Puerperium</i>																																															
115. Childbirth etc. ... ..																																								1		1					
116. Toxaemias of pregnancy and puerperium ... ..																																									1		1				
120a. Other complications of pregnancy, childbirth and the puerperium ... ..																																									2		2				
<i>XII. Diseases of the Skin and Cellular Tissue</i>																																															
121. Infections of skin and subcutaneous tissue ... ..																																									1		1				
126a. Chronic Ulcer of skin (including Tropical Ulcer) ... ..																																									1	2	3				
<i>XIII. Diseases of the Bones and Organs of Movement</i>																																															
122. Arthritis and spondylitis ... ..																																										2	7	9			
123. Muscular and unspecified rheumatism ... ..																																										1	1	2			
124. Osteomyelitis and periostitis ... ..																																										1	1	2			
<i>XIV. Congenital Malformations</i>																																															
127. Spina bifida and meningocele ... ..	2	1																																								2	1	3			
128. Congenital malformation of circulatory system ... ..	11	13																																									13	20	33		
129. All other congenital malformations ... ..	13	16																																									17	19	36		
<i>XV. Certain Diseases of Early Infancy</i>																																															
130. Birth injuries ... ..	27	12																																										27	12	39	
131. Postnatal asphyxia and atelectasis ... ..	22	11																																										22	11	33	
132a. Diarrhoea of newborn (under 4 weeks) ... ..	3	4																																										3	4	7	
132c. Other infections of newborn ... ..	6	3																																										6	3	9	
133. Haemolytic disease of newborn ... ..	1	1																																										1	1	2	
134. All other defined diseases of early infancy ... ..	2	5																																										2	5	7	
135. Ill-defined diseases peculiar to early infancy, and immaturity unqualified ... ..	48	33																																											48	33	81

APPENDIX AD (Contd.)  
Deaths by cause according to age and sex

CAUSES OF DEATH	Under 1 year		1 year and under 2		2 years and under 3		3 years and under 4		4 years and under 5		5 years and under 10		10 years and under 15		15 years and under 20		20 years and under 25		25 years and under 35		35 years and under 45		45 years and under 55		55 years and under 65		65 years and under 75		75 years and under 85		85 years and under 95		95 years and over		TOTAL				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Both Sexes		
<i>XVI. Symptoms, Senility and Ill-defined Conditions</i>																																							
136. Senility without mention of psychosis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39	63	102
<i>XVII. Accidents, Poisonings and Violence</i>																																							
138. Motor vehicle accidents	...	...	...	...	1	...	...	...	...	1	1	...	...	2	...	3	...	4	...	2	...	1	...	...	...	...	...	1	1	...	...	...	...	14	2	16			
140. Accidental poisoning	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2		
141. Accidental falls	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	3	...	...	...	2	...	1	1	...	1	1	...	2	...	...	...	9	5	14				
143. Accident caused by fire and explosion of combustible material	...	...	1	...	...	...	...	...	1	...	1	...	...	...	1	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	4	3	7				
145. Accident caused by firearm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	1	
146. Accidental drowning and submersion	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	3	3		
147b. Foreign body entering other orifice	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2		
148a. All other accidental causes	...	3	1	...	1	...	...	...	...	...	...	1	...	2	...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	11	1	12				
148b. Suicide and self inflicted injury	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	4				
149. Homicide and injury purposely etc.	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1		
TOTAL	190	138	100	8	3	...	1	1	2	3	8	1	5	6	8	5	12	8	27	23	37	29	113	77	272	180	399	357	334	335	98	124	2	3	1,521	1,298	2,819		





## APPENDIX AE (Contd.)

## Return of Diseases and Deaths (In-patients) for the year 1960. (General Hospitals)

Disease	Remaining in Hosp. at end of 1959	Admissions	Transfers from other Hospitals	Total cases treated	Deaths	Discharges	Transfers to other Hospitals	Remaining in Hosp. at end of 1960
42a. Tapeworm (infestation) and other cestode infestations ... ..	...	3	...	3	...	3	...	...
42b. Ascariasis ... ..	...	3	...	3	...	3	...	...
42c. Guinea worm (dracunculosis) ... ..	...	...	...	...	...	...	...	...
42d. Other diseases due to helminths ... ..	...	...	...	...	...	...	...	...
43a. Lymphogranuloma venereum ... ..	1	...	...	1	...	1	...	...
43b. Granuloma inguinale, venereal ... ..	...	...	...	...	...	...	...	...
43c. Other and unspecified venereal diseases ... ..	...	...	...	...	...	...	...	...
43d. Food poisoning infection and intoxication ... ..	1	..	...	1	..	1	...	...
43e. Relapsing fever ... ..	...	...	...	...	...	...	...	...
43f. Leptospirosis icterohæmorrhagica (Weil's disease) ... ..	...	1	...	1	1	...	...	...
43g. Yaws ... ..	...	...	...	...	...	...	...	...
43h. Chickenpox ... ..	1	13	...	14	...	14	...	...
43i. Dengue ... ..	...	...	...	...	...	...	...	...
43j. Trachoma ... ..	...	...	...	...	...	...	...	...
43k. Sandfly fever ... ..	...	6	...	6	...	6	...	...
43l. Leishmaniasis ... ..	...	...	...	...	...	...	...	...
43m. Trypanosomiasis gambiensis ... ..	...	...	...	...	...	...	...	...
Trypanosomiasis rhodesiensis ... ..	...	...	...	...	...	...	...	...
Other and unspecified Trypanosomiasis ... ..	...	...	...	...	...	...	...	...
43n. Dermatophytosis ... ..	...	...	...	...	...	...	...	...
43o. Scabies ... ..	...	...	2	2	...	2	...	...
43p. All other diseases classified as infective and parasitic ... ..	1	34	...	35	1	32	...	2
<i>II. Neoplasms</i>								
44. Malignant neoplasm of buccal cavity and pharynx ... ..	2	46	..	48	3	44	...	1
45. Malignant neoplasm of œsophagus ... ..	2	10	..	12	4	5	2	1
46. Malignant neoplasm of stomach ... ..	4	43	..	47	16	30	...	1
47. Malignant neoplasm of intestines except rectum ... ..	2	34	...	36	6	26	...	4
48. Malignant neoplasm of rectum ... ..	4	20	...	24	5	18	...	1
49. Malignant neoplasm of larynx ... ..	...	23	...	23	6	16	1	...
50. Malignant neoplasm of trachea, and of bronchus and lung not specified as secondary ... ..	1	41	1	43	19	20	3	1
51. Malignant neoplasm of breast ... ..	5	56	1	62	9	43	...	10
52. Malignant neoplasm of cervix uteri ... ..	..	20	...	20	3	15	...	2
53. Malignant neoplasm of other and unspecified parts of uterus ... ..	2	22	...	24	1	23	...	...
54. Malignant neoplasm of prostate ... ..	1	11	1	13	3	8	1	1
55. Malignant neoplasm of skin ... ..	1	13	...	14	...	11	2	1
56. Malignant neoplasm of bone and connective tissue ... ..	3	32	...	35	6	25	1	3
57. Malignant neoplasm of all other and unspecified sites ... ..	3	80	4	87	24	51	7	5
58. Leukæmia and aleukæmia ... ..	2	21	...	23	10	11	...	2
59. Lymphosarcoma and other neoplasm of lymphatic and hæmatopoietic system ... ..	2	18	...	20	2	14	2	2
60. Benign neoplasms and neoplasms of unspecified nature ... ..	7	307	5	319	8	290	7	14

## APPENDIX AE (Contd.)

## Return of Diseases and Deaths (In-patients) for the year 1960. (General Hospitals)

Disease	Remaining in Hosp. at end of 1959	Admissions	Transfers from other Hospitals	Total cases treated	Deaths	Discharges	Transfers to other Hospitals	Remaining in Hosp. at end of 1960
<b>III. &amp; IV. Allergic, Endocrine System, Metabolic and Nutritional Diseases, Diseases of the Blood and Blood-forming Organs.</b>								
61. Nontoxic goitre ... ..	...	28	..	28	...	28	...	...
62. Thyrotoxicosis with or without goitre	1	17	...	18	...	16	1	1
63. Diabetes mellitus ... ..	32	271	3	306	33	227	17	29
64a. Beriberi ... ..	...	24	...	24	8	12	4	...
64b. Pellagra ... ..	...	...	...	...	...	...	...	...
64c. Scurvy ... ..	...	...	...	...	...	...	...	...
64d. Other deficiency states ... ..	...	2	...	2	1	1	...	...
65a. Pernicious and other hyperchromic anæmias ... ..	3	16	...	19	...	17	1	1
65b. Iron deficiency anæmias (hypochromic)	...	3	2	5	...	4	1	...
65c. Other specified and unspecified anæmias	...	17	...	17	1	16	...	...
66a. Asthma ... ..	5	75	1	81	4	69	2	6
66b. All other allergic disorders, Endocrine, Metabolic and Blood Diseases ... ..	...	206	2	208	17	180	6	5
<b>V. Mental, Psychoneurotic and Personality Disorders.</b>								
67. Psychoses ... ..	...	8	...	8	1	4	3	...
68. Psychoneuroses and disorders of personality ... ..	1	62	...	63	...	55	4	4
69. Mental deficiency ... ..	...	5	...	5	...	5	...	...
<b>VI. Diseases of the Nervous System and Sense Organs</b>								
70. Vascular lesions affecting central nervous system ... ..	23	216	7	246	91	114	21	20
71. Non-meningococcal meningitis ... ..	2	31	...	33	3	30	...	...
72. Multiple sclerosis ... ..	1	4	...	5	...	5	...	...
73. Epilepsy ... ..	2	25	...	27	1	25	...	1
74. Inflammatory diseases of eye ... ..	...	1	...	1	...	...	...	1
75. Cataract ... ..	1	10	...	11	...	11	...	...
76. Glaucoma ... ..	1	2	...	3	...	3	...	...
77a. Otitis externa ... ..	10	4	...	14	...	14	...	...
77b. Otitis media and mastoiditis ... ..	...	164	...	164	...	155	1	8
77c. Other inflammatory diseases of ear ... ..	...	2	...	2	...	1	1	...
78a. All other diseases and conditions of eye	35	421	20	476	2	433	21	20
78b. All other diseases of the Nervous System and Sense Organs ... ..	4	75	3	82	4	58	1	19
<b>VII. Diseases of the Circulatory System.</b>								
79. Rheumatic fever ... ..	12	79	...	91	6	83	...	2
80. Chronic rheumatic heart disease ... ..	3	48	...	51	2	41	1	7
81. Arteriosclerotic and degenerative heart disease ... ..	2	102	...	104	21	73	5	5
82. Other diseases of heart ... ..	13	77	5	95	29	46	5	15
83. Hypertension with heart disease ... ..	5	55	...	60	9	45	2	4
84. Hypertension without mention of heart	4	70	...	74	11	49	6	8
85. Diseases of arteries ... ..	8	44	1	53	2	36	...	15
86. Other diseases of Circulatory System ... ..	5	142	...	147	19	111	1	16

## APPENDIX AE (Contd.)

## Return of Diseases and Deaths (In-patients) for the year 1960. (General Hospitals)

Disease	Remaining in Hosp. at end of 1959	Admis- sions	Transfers from other Hospitals	Total cases treated	Deaths	Dis- charges	Transfers to other Hospitals	Remaining in Hosp. at end of 1960
<i>VIII. Diseases of the Respiratory System.</i>								
87. Acute upper respiratory infections ...	3	117	1	121	11	107	3	...
88. Influenza ... ..	...	5	1	6	...	6	...	...
89. Lobar pneumonia ... ..	...	25	...	25	4	21	...	...
90. Broncho-pneumonia ... ..	3	169	...	172	27	138	5	2
91. Primary atypical, other and unspecified pneumonia ... ..	1	44	...	45	10	30	...	5
92. Acute bronchitis ... ..	...	59	...	59	3	40	15	1
93. Bronchitis, chronic and unqualified ...	12	141	6	159	12	120	12	15
94. Hypertrophy of tonsils and adenoids ...	4	1308	...	1312	...	1277	1	34
95. Empyema and abscess of lung ... ..	12	4	...	16	1	14	...	1
96. Pleurisy ... ..	3	6	...	9	1	6	...	2
97a. Pneumoconiosis ... ..	4	...	...	4	...	4	...	...
97b. All other Respiratory Diseases ...	1	96	1	98	13	78	2	5
<i>IX. Diseases of the Digestive System.</i>								
98a. Dental Caries ... ..	2	28	...	30	...	30	...	...
98b. All other diseases of teeth and support- ing structures ... ..	...	50	1	51	1	50	...	...
99. Ulcer of stomach ... ..	2	12	...	14	2	8	...	4
100. Ulcer of duodenum ... ..	3	60	...	63	8	48	...	7
101. Gastritis and duodenitis ... ..	...	5	...	5	...	5	...	...
102. Appendicitis ... ..	6	304	...	310	5	291	...	14
103. Intestinal obstruction and hernia ...	15	257	...	272	9	255	1	7
104a. Gastro-enteritis and colitis between four weeks and two years ... ..	4	22	...	26	5	12	1	8
104b. Gastro-enteritis and colitis, ages two years and over ... ..	...	14	1	15	2	13	...	...
104c. Chronic enteritis and ulcerative colitis ...	...	24	...	24	2	21	1	...
105. Cirrhosis of liver ... ..	2	263	...	265	24	211	11	19
106. Cholelithiasis and cholecystitis ...	4	72	...	76	4	68	...	4
107. Other Diseases of the Digestive System	11	260	...	271	18	229	11	13
<i>X. Diseases of the Genito-Urinary System.</i>								
108. Acute nephritis ... ..	3	25	...	28	4	24	...	...
109. Chronic, other and unspecified nephritis	3	46	2	51	17	27	4	3
110. Infections of kidney ... ..	7	91	...	98	20	76	...	2
111. Calculi of urinary system ... ..	1	32	...	33	1	31	...	1
112. Hyperplasia of prostate ... ..	8	98	1	107	18	67	3	19
113. Diseases of breast ... ..	4	7	...	11	2	7	2	...
114a. Hydrocele ... ..	11	21	...	32	...	32	...	...
114b. Disorders of menstruation ... ..	...	99	4	103	...	102	1	...
114c. All other Diseases of the Genito-Urinary System ... ..	...	312	3	315	21	260	25	9
<i>XI Deliveries and complications of Pregnancy, Childbirth and the Puerperium.</i>								
115. Sepsis of pregnancy, childbirth and the puerperium ... ..	...	2	...	2	...	1	1	...
116. Toxæmia of pregnancy and the puer- perium ... ..	2	7	...	9	...	9	...	...
117. Hæmorrhage of pregnancy and child- birth ... ..	...	8	...	8	...	8	...	...
118. Abortion without mention of sepsis or toxæmia ... ..	3	210	...	213	...	210	...	3
119. Abortion with sepsis ... ..	...	...	...	...	...	...	...	...
120a. Other complications of pregnancy, child- birth and the puerperium ... ..	13	187	...	200	7	176	...	17
120b. Delivery without complications ...	46	2,754	...	2,800	...	2,769	...	31

## APPENDIX AE (Contd.)

## Return of Diseases and Deaths (In-patients) for the year 1960. (General Hospitals)

Disease	Remaining in Hosp. at end of 1959	Admis- sions	Transfers from other Hospitals	Total cases treated	Deaths	Dis- charges	Transfers to other Hospitals	Remaining in Hosp. at end of 1960
<i>XII. Diseases of the Skin and Cellular Tissue.</i>								
121. Infections of skin and subcutaneous tissue ... ..	18	280	...	298	1	256	25	16
122. Arthritis and spondylitis ... ..	23	176	5	204	2	180	5	17
123. Muscular rheumatism and rheumatism, unspecified ... ..	1	19	...	20	1	17	...	2
124. Osteomyelitis and periostitis ... ..	11	57	...	68	4	59	...	5
125. Ankylosis and acquired musculoskeletal deformities ... ..	5	32	...	37	...	35	1	1
126a. Chronic Ulcer of Skin (including Tropical Ulcer) ... ..	11	20	...	31	...	27	2	2
126b. All other Diseases of Skin ... ..	19	323	14	356	5	312	14	25
<i>XIII. Diseases of the Bones and Organs of Movement.</i>								
126c. All other diseases of musculoskeletal system ... ..	3	204	3	210	2	187	11	10
<i>XIV. Congenital Malformations.</i>								
127. Spina bifida and meningocele ... ..	..	2	...	2	...	...	...	2
128. Congenital malformation of the Circulatory System ... ..	6	25	...	31	5	26	...	...
129. All other congenital malformations ... ..	15	104	1	120	3	108	...	9
<i>XV. Certain Diseases of Early Infancy.</i>								
130. Birth injuries ... ..	...	4	...	4	1	3	...	...
131. Postnatal asphyxia and atelectasis ... ..	...	8	...	8	2	6	...	...
132a. Diarrhoea of newborn (under 4 weeks) ... ..	2	...	...	2	...	2	...	...
132b. Ophthalmia neonatorum ... ..	...	...	...	...	...	...	...	...
132c. Other infections of newborn ... ..	...	5	...	5	5	...	...	...
133. Haemolytic disease of newborn ... ..	...	7	...	7	1	6	...	...
134. All other defined diseases of early infancy ... ..	...	15	...	15	1	11	1	2
135. Ill-defined diseases peculiar to early infancy, and immaturity unqualified ... ..	4	53	...	57	10	31	7	9
<i>XVI. Symptoms, Senility and Ill-Defined conditions.</i>								
136. Senility without mention of psychosis ... ..	5	34	3	42	9	22	4	7
137a. Pyrexia of unknown origin ... ..	19	74	...	93	...	83	...	10
137b. Observation, without need for further medical care ... ..	...	4	...	4	..	4	...	...
137c. All other ill-defined causes of morbidity ... ..	...	1015	...	1015	53	921	31	10
<i>XVII. Accidents, Poisonings and Violence.</i>								
138. Motor vehicle accidents ... ..	13	458	5	476	10	428	19	19
139. Other transport accidents ... ..	...	60	1	61	1	52	...	8

## APPENDIX AE (Contd.)

## Return of Diseases and Deaths (In-patients) for the year 1960. (General Hospitals)

Disease	Remaining in Hosp. at end of 1959	Admis- sions	Transfers from other Hospitals	Total cases treated	Deaths	Dis- charges	Transfers to other Hospitals	Remaining in Hosp. at end of 1960
140. Accidental poisoning ... ..	1	143	...	144	3	137	2	2
141. Accidental falls ... ..	38	777	4	819	25	729	25	40
142. Accidents caused by machinery ...	2	108	...	110	...	109	1	...
143. Accidents caused by fire and explosion of combustible material ... ..	6	3	...	9	...	9	...	...
144. Accidents caused by hot substance, corrosive liquid, steam and radiation	...	219	...	219	5	210	...	4
145. Accidents caused by firearm ... ..	...	5	...	5	1	4	...	...
146. Accidental drowning and submersion ...	...	...	...	...	...	...	...	...
147a. Foreign body entering eye and adnexa	...	...	...	...	...	...	...	...
147b. Foreign body entering other orifice ...	...	56	1	57	...	57	...	...
147c. Accidents caused by bites and stings of venomous animals and insects ... ..	...	...	...	...	...	...	...	...
147d. Other accidents caused by animals ...	...	1	...	1	...	1	...	...
148. All other accidental causes ... ..	7	320	...	327	3	308	8	8
149. Homicide and injury purposely inflicted by other persons (not in war)... ..	...	...	...	...	...	...	...	...
150. Injury resulting from operations of war	...	...	...	...	...	...	...	...
Total ... ..	663	15,484	128	16,275	809	14,341	418	707

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