

Annual report for the year ending 31st December, 1957 / St. Andrew's Hospital, Thorpe, Norwich.

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EAST ANGLIAN REGION



Annual Report

OF

**St. Andrew's Hospital
Thorpe, Norwich**

For the Year Ending 31st December
1957

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EAST ANGLIAN REGION
Group 7 HOSPITAL MANAGEMENT COMMITTEE

ST. ANDREW'S HOSPITAL
THORPE, NORWICH

Annual Report

For the Year Ending 31st December,

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THE HOSPITAL MANAGEMENT COMMITTEE

F. H. EASTON, Esq. (*Chairman*)

G. BAYFIELD, Esq. (*Vice-Chairman*)

MRS. K. M. ADLINGTON

DR. K. F. ALFORD

MRS. A. M. BRISTOW, B.A.

A. L. CARNEGIE, Esq.

H. T. DAVIS, Esq.

W. J. HINDES, Esq.

G. HOWARD, Esq.

C. D. HURST, Esq.

F. G. JACKSON, Esq.

W. A. L. MARRIOTT, Esq., M.B., Ch.B.

MISS M. T. MARSH, A.R.R.C., S.N.R., S.C.M.

J. V. MORRIS, Esq., M.A., M.D.

CAPT. E. MURRAY-HARVEY, O.B.E., M.C., F.R.G.S.

J. W. SCOTT, Esq.

C. C. SMITH, Esq.

P. E. TAYLOR, Esq.

J. W. WOODROW, Esq., J.P.

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Secretary to the Committee:

B. H. READ, F.H.A., St. Andrew's Hospital, Thorpe, Norwich.

SUB-COMMITTEES

FARM

C. D. HURST

J. W. WOODROW

C. C. SMITH

A. N. WRIGHT

WORKS

MRS. K. M. ADLINGTON

J. W. SCOTT

MRS. A. M. BRISTOW

C. C. SMITH

A. L. CARNEGIE

P. E. TAYLOR

C. D. HURST

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J. V. MORRIS

H. T. DAVIS

J. W. SCOTT

W. J. HINDES

J. W. WOODROW

G. HOWARD

A. N. WRIGHT

F. G. JACKSON

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MRS. K. M. ADLINGTON

C. C. SMITH

MISS M. T. MARSH

J. W. WOODROW

The Chairman and Vice-Chairman of the Hospital Management Committee
are ex-officio members of all Sub-Committees

CONSULTING STAFF

Physicians :

- K. A. LATTER, M.D., F.R.C.P. (Lond.)
 W. A. OLIVER, M.B.E., M.D., M.R.C.P. (Lond.)
 J. A. CAMPBELL, M.R.C.P. (Lond.)

Surgeons :

- N. J. TOWNSLEY, F.R.C.S. (Eng.)
 J. P. STEPHENS, M.Chir.(Camb.). F.R.C.S.(Eng.)

Surgeons, Ear, Nose and Throat :

- R. A. HIGHMOOR, F.R.C.S. (Ed)., D.L.O.
 I. S. YOUNG, F.R.C.S. (Ed)., D.L.O.

Surgeon, Ophthalmic :

- W. J. NAUNTON, M.A., M.B., B.Chir. (Camb.), D.O.M.S. (Eng.)

Dental Surgeons :

- A. C. DAVIES, L.D.S., R.C.S. (Eng.)
 J. C. J. MCGOWAN, L.D.S., R.F.P.S., F.D.S., R.C.S.
 A. CHAPPLE, F.D.S., R.C.S.

Anæsthetists :

- R. A. C. RICE, M.B., B.S. (Lond.), D.A. (Eng.)
 A. I. WARD, M.B., B.S. (Lond.), D.A. (Eng.)
 K. J. V. CARLSON, M.B., Ch.B. (Bristol)

Radiològists :

- B. M. MAXWELL, M.D.(Belf.), D.M.R.E.(Liverp.)
 R. S. THORPE, M.B., Ch.B. (Birm.), D.M.R.D. (Eng.)

Radiotherapist :

- W. J. L. FRANCIS, M.D. (Glasgow), F.R.C.S. (Eng.),
 M.Rad. (Liverp.), D.M.R.T. (Eng.)

Dermatologist :

- A. G. SMITH, M.D. (Glas.), F.R.C.S. (Eng.)

OFFICERS

1957

Medical Superintendent (Consultant Psychiatrist):

W. J. McCULLEY, M.B., Ch.B., B.Sc. (Glasgow), D.P.M. (Eng.)

Deputy Medical Superintendent (Consultant Psychiatrist):

J. D. FRASER, M.D. (Glasgow), D.P.M. (Dublin)

Consultant Psychiatrist:

E. R. F. MELLON, M.A., M.D. (Dublin), D.P.H., D.P.M.

*Senior Hospital Medical Officers:*A. J. F. CROSSLEY, M.B., Ch.B. (Manchester), M.R.C.S. (Eng.), L.R.C.P. (Lond.),
D.P.M. (Eng.)

G. C. RAE, M.B., Ch.B. (Aberd.), D.P.M. (Eng.)

Senior Registrar:

L. F. W. ROWE, M.B., Ch.B. (Edin.)

Registrars (Eng.) :

A. G. KIRK, M.R.C.S. (Eng.), L.R.C.P. (Lond.)

G. E. COOK, M.B., B.Ch. (Witwatersrand)

Junior Hospital Medical Officer:

B. PIETOCHA, M.B.E., M.D. (Warsaw)

Senior House Officer:

M. S. PLUMBLY, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.)

Clinical Psychologist:

A. A. RAFI, Ph.D. (London)

Chaplains:

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REV. E. S. FRANCE

Group Secretary:

B. H. READ, F.H.A.

Finance Officer and Deputy Group Secretary:

A. TAYLOR, A.C.A.

Matron:

MISS J. A. NELSON, S.R.N., R.F.N., R.M.N., S.C.M.

Chief Male Nurse:

J. C. WATTS, S.R.N., R.M.N.

Psychiatric Social Worker:

Vacant

Pharmacist:

H. E. G. TAYLOR, M.P.S.

Superintendent Engineer:

G. H. TARLTON, A.M.I.B.E., A.M.I.H.E.

Farm Manager:

F. GRAVELING

EAST ANGLIAN REGIONAL HOSPITAL BOARD (GROUP 7)

*Tenth Report of the Hospital Management Committee
appointed under Section 11 of the National Health
Service Act, 1946, for the Management and Control of*

ST. ANDREW'S HOSPITAL, THORPE, NORWICH

The St. Andrew's Hospital Management Committee has pleasure in presenting the following Annual Report for the period 1st January to 31st December, 1957 :—

MEETINGS AND VISITS

Meetings were held as follows :—

Management Committee	...	...	...	12
Sub-Committees :—Finance	...	...	...	11
Farm	...	...	...	11
Works	...	...	...	11
Contracts	...	...	...	3
Special	...	...	...	4

As required by Section 188 of the Lunacy Act, 1890, two members of the Management Committee have made regular visits of inspection to the wards and other departments. During 1957, visits were made on twelve occasions.

CHANGES IN COMMITTEE

It is with great regret that we record the deaths of Mr. Charles Noon, O.B.E., F.R.C.S., who, prior to his appointment to the Committee, had served the hospital for 30 years as Consultant Surgeon, and Mr. A. N. Wright, J.P., who had devoted the greater part of his life to public work and whose knowledge of Health Service matters was outstanding.

Mr. Walter Howes, J.P., who retired through ill-health resulting from an accident, died early in January, 1958. He had been a member of the former Visiting Committee for eleven years and was one of the original members of the present Management Committee. During the greater part of this period he held office as Chairman of the Farm Committee.

Mr. R. N. Dewhurst, a very valued and active colleague, resigned on leaving the district.

We have been glad to welcome as new members, Dr. K. F. Alford, Mr. C. D. Hurst and Mr. F. G. Jackson.

ACCOMMODATION

There was a drop in the total admissions from the record figure of 797 in 1956 to 756. Discharges rose from 669 to 673 and there were 131 deaths as compared with 109 in the previous year. The number of patients resident at the end of December, 1957, was 1,238, a decrease of 48 over the twelve month period.

These changes had no material effect on overcrowding, which is still serious, particularly in the female hospital.

We have been informed by the Regional Hospital Board that, under the Yarmouth Naval Hospital Transfer Act, 1957, the Royal Naval Hospital is to be taken over by the Minister and will be attached to this group. This unit has room for 250 male patients and vacant accommodation for 90.

By careful re-distribution of suitable patients some relief will be possible in the male wards at St. Andrews, and it is hoped that, eventually, partial improvement may be effected in the female division.

No decision has been reached as yet as to the erection of a new admission unit and treatment centre.

The increasing number of out-patients attending for treatment by electro-convulsive therapy has created a further problem and it is no longer practicable to deal with them in the female wards, as has been the custom. As a temporary measure, part of the old female mess-room block has been put into use, but this arrangement is far from satisfactory. Suggestions for a more permanent solution have been forwarded to the Regional Hospital Board.

FINANCE

The Finance Committee has met monthly under the Chairmanship of Mr. J. W. Woodrow. The Standing Accounts Sub-Committee has also met during each month for the purpose of examining and approving accounts for payment.

A change in the system of dealing with clothing, bedding and linen at the male hospital, introduced during the latter part of 1956 has proved successful. The old linen-room was closed down and a central exchange pool established in the laundry. It was possible to reduce considerably the volume of these items in circulation and to speed up the replacement of soiled articles. The surplus, valued at £5,800 was returned to the stores.

The average weekly cost of maintaining a patient in the hospital rose from £5 9s. 4d. for the financial year 1955/56 to £5 19s. 2d. for 1956/57. The increased cost was due mainly to the effect of salary and wages awards and to a larger than usual allocation for extraordinary items of maintenance of buildings and plant.

The replacement of several items of earthenware and glass by stainless steel and plastics, begun in the previous year, has brought about a reduction in the rate of replacement, and a noticeable saving in costs. Specially designed furniture combining robust and serviceable construction, with comfort and attractive appearance, has been purchased for two male and two female wards, and it is hoped to extend this policy in the future.

A satisfactory report on the group financial accounts for the year ending 31st March, 1957, was received from the Auditor.

ENDOWMENT ACCOUNT

This account is sustained mainly by contributions from the income of the central Hospitals Endowments Fund received from the Ministry of Health and the Regional Hospital Board. These contributions totalled £1,454 10s. 0d. in the current year. Apart from maintaining a reasonable working balance, this account was devoted to the provision of amenities to patients and, to a small extent, to staff during the year.

A number of donations, including one of £25 were received from former patients and their relatives.

The Friends of the Norwich Hospitals generously made a grant of £100 towards the cost of providing and equipping a hairdressing saloon for female patients. They also gave £10 for the provision of sports prizes for patients and £25 for patients' Christmas presents.

A donation of £75 was received from the Norfolk and Suffolk Contributors' Association for patients' Christmas amenities.

In October the Regional Hospital Board made a grant of £601 from their endowment funds. Of this sum £198 was utilised for the purchase of new tables and chairs for the female hospital canteen, and £120 is to be spent on providing wooden garden seats for the cricket field, bowling green and two ward gardens. Proposals for the use of the balance of the grant are under active consideration.

WORKS DEPARTMENT

The following is a summary of the more important works carried out during the year :—

BY CONTRACT:—

- New baths, wash-basins and improvements to sanitary arrangements, ground and first floors, Nurses' Home.
- Re-slating and repairing section of roofs at Female Hospital.
- Installation of new diesel-driven standby electric generating set.
- Resurfacing part of the estate roads and ward garden paths.
- New hot-water main to Laundry and Nurses' Home.
- Cubicle bed-curtains installed in female Ward 10.
- External re-painting—Male Hospital.

BY DIRECT LABOUR:—

- Conversion of former medical officer's flat in main administrative block into residential accommodation for senior female nursing staff.
- Conversion of former workroom into offices for Matron, Assistant Matrons and Social Worker.
- Replacement and extension of hot-water radiators in the following departments of the Male Hospital :—
 - Ward H.
 - Occupational Therapy.
 - Workshops.
 - Canteen.
 - Administrative block.

Internal re-decoration :—

- Male Hospital—Canteen and Ward Kitchens.
- Female Hospital—Wards 3, 12 and 15.
- Occupational Therapy Departments.
- Nurses' Hutments.

Equipment purchased and installed :—

- Theraktin ultra-violet and infra-red bath with suspension cable and control unit.
- New steriliser—Female hospital operating theatre.
- New non-storage type calorifier and new boiler feed pump in engineering department.

Sluicing machines of the type developed at Little Plumstead Hospital are to be installed in the female sick wards and a programme of modernisation of equipment in the ward sluicing rooms, etc., is being planned for next year.

The old type wooden commodes are also to be removed and replaced by more modern and hygienic tubular steel chairs with stainless steel pans.

It may be said that the arrears of maintenance work which accumulated during and immediately after the last war have been overtaken and that the hospital is now in a reasonably satisfactory state. It is essential, however, that a regular programme of repairs and re-painting be adhered to in view of the great age of the structure generally.

CAPITAL WORKS

Reference was made in our last report to the fact that no special funds were allocated in this Region for the improvement of mental hospitals and mental deficiency hospitals. The sum provided for next year is insufficient to finance any major developments and there does not appear to be any immediate prospect of the Board being in a position to proceed with the more important projects which have been under their consideration for some time.

The Board has, however, sanctioned the following schemes under the advance planning procedure for minor capital works :—

- Improvements to sanitary blocks, male wards A and B.
- Additional day-room space and alterations to kitchen and sanitary unit—female ward 5 shelter.
- Central heating—Laundry ward.
- Central heating—Male ward 16.
- New sanitary annexes—female wards 9, 10, 13 and 14.
- New sanitary annexe—female wards 7, 8 and No. 1 corridor.
- Extension and additional equipment for pathological laboratory.
- Installation of automatic internal telephone system.

We hope that the scheme for a very necessary extension and new equipment for the central kitchen at the female hospital will be allowed to proceed without undue delay.

FARM AND GARDEN

Mr. A. N. Wright, Chairman, was unfortunately prevented by illness from attending several meetings and taking his usual active part in the work of the Farm Committee.

We are indebted to Mr. C. D. Hurst who deputised most ably for him and whose advice and knowledge have been a great asset.

Part of an old building at the West Farm has been re-designed and equipped to accommodate six more milkers so as to increase the supply of milk to the hospital. The quality and purity of the milk has again been of the required standard, the health of the herd has been excellent and there has been no instance of tuberculosis.

The advice of the Milk Production Officer has been most helpful.

The sugar beet crop was disappointing and the sum realised, £1000 16s. 10d. was only two-thirds of the normal yield. This was the general experience of farmers in the Eastern Counties last year. Other crops were well up to average.

Pigs sold numbered 139 and resulted in cash receipts amounting to £3,168 3s. 3d.

The system of purchasing beef cattle for slaughter and supply of meat to the hospital was examined carefully and changes in policy introduced. There has been an improvement in quality and the cost has been kept at an economic level.

During the year the following produce was supplied to the hospital :—

Vegetables and fruit to the value of	£2,363 7s. 2½d.
Potatoes	124 tons 14 cwts.
Beef	102,974 lbs.
Veal	875 lbs.
Pork	18,740 lbs.
Milk	42,976 gallons
Eggs	36,987
Poultry	2,984½ lbs.

We have continued to supply beef and pork to the Hellesdon Hospital Management Committee.

STAFF

The vacant House Officer's post was filled in April, but became vacant in October on the promotion of the holder, and for several months the medical staff establishment was deficient to the extent of one full-time officer.

The experiment of engaging Spanish girls as Nursing Assistants has been fairly successful, but there is a tendency for them to leave after a stay of about one year.

A Nurses' Education Committee has been established and has directed its efforts towards improving the nurse-training facilities on the lines of the new General Nursing Council syllabus for psychiatric nursing. The intake of new students has been small, and it is becoming difficult to find enough trained women nurses to replace those who leave the service on retirement and for other reasons.

With very few exceptions, the conduct and work of the hospital staff has been of a high order.

The Joint Consultative Staffs Committee which last met in December, 1954, has been re-established and we trust that its work will contribute towards the smooth running of the hospital.

GENERAL

The report of two Commissioners of the Board of Control on their inspection of the hospital on 29th and 30th October, is appended.

Membership of the Association of Hospital Management Committees has been continued and all meetings of the East Anglian Branch during 1957 have been attended by representatives of this Committee.

Reference is made in the Medical Superintendent's Report to the generosity of the Friends of the Norwich Hospitals, the Norfolk and Suffolk Hospitals Contributory Association, the British Legion and other organisations for monetary and other gifts for the patients. We should like them to accept our warm appreciation and thanks.

The annual invitation for parties of patients to visit the circus at Great Yarmouth, initiated through the kindness of the late Mr. Billy Russell, has been continued by his successors. We can assure them that their action has given great pleasure. We wish to record our thanks also to the Director of Entertainments for the Borough of Great Yarmouth for once more granting free admission for patients to summer entertainments.

The willing co-operation of the Officers of the Regional Hospital Board, which has been of considerable help in dealing with many problems and difficulties, is gratefully acknowledged.

Changes made and improvements effected during 1957 have been limited to those which could be achieved within a restricted budget, but they have all contributed to greater efficiency and to progress in the treatment and care of patients. Many of them would not have been successful without the full co-operation and keen interest of the Officers and Staff generally, and it gives us pleasure to place this on record.

Signed on behalf of the Management Committee,

F. H. EASTON,

Chairman,

21st March, 1958.

THE MEDICAL SUPERINTENDENT'S ANNUAL REPORT

for the year 1957

To the Hospital Management Committee

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit to you the Annual Report for the year ending 31st December, 1957.

The following table shows the numerical changes which have taken place during the year :—

	M.	F.	Total.
Numbers in the Hospital on 1st January, 1957 ...	534	752	1,286
Admitted during the year	313	443	756
Discharged and transferred during the year ...	263	410	673
Died	74	57	131
Remaining in Hospital 31st December, 1957 :—			
Health Service Cases	492	728	1,220
Broadmoor Cases	1	—	1
Service Cases	17	—	17
	<hr/> 510	<hr/> 728	<hr/> 1,238

Admissions Voluntary and Temporary Patients

The number of patients under treatment during the year was 2,042, a decrease of 22 on the previous year.

The number of admissions decreased by 41 during the year. The number of voluntary patients, including regradings to the status, admitted during the year was 328 males and 455 females, being 91.9 per cent. and 92.1 per cent. respectively of the total male and female admissions.

The number of temporary patients admitted was 2; 1 male and 1 female.

Of the patients admitted, 137 or 43.8 per cent. males and 222 or 50.1 per cent. females had been previously dealt with under the Lunacy and Mental Treatment Acts and 75 or 24.0 per cent. male and 134 or 34.4 per cent. female patients were re-admitted to hospital within twelve months.

Sections 20 and 21

During the year 17 male and 26 female patients were admitted under Sections 20 and 21 of the Lunacy Act, 1890, and of these, 29 remained as voluntary patients and 3 remained under certificate.

Of the total number of direct admissions, 175 or 23.1 per cent. were 65 years of age and over, and of the patients on the registers at the end of the year, 429 or 34.6 per cent. were of this age group.

Discharges and Transfers

The condition of patients on discharge and transfer was as follows :—

	M.	F.	Total.
Recovered	54	108	162
Relieved	192	266	458
Not improved	17	36	53
	<hr/> 263	<hr/> 410	<hr/> 673

The Recovery Rate, calculated on direct admissions, was 17.3 per cent. for males and 24.4 per cent. for females, an average of 21.2 per cent.

The Discharge Rate, calculated on the total admissions, was 84.0 per cent. for males and 92.6 per cent. for females, an average of 89.0 per cent.

**Duration
of stay**

The average duration of stay of patients discharged during the year, calculating from the date of admission, to the date of final leave from hospital, was 173 days.

Deaths

The number of deaths was 74 males and 57 females, a total of 131, and of these 55 males and 44 females were 65 years of age or over, while 40 patients died within three months of admission. The death rate calculated on the average daily number on the registers was 14.0 per cent. for males and 7.7 per cent. for females, an average of 13.6 per cent.

The chief causes of death were :—

	M.	F.
Diseases of the Circulatory System ...	37	26
Diseases of the Respiratory System ...	13	8
Cerebral Hæmorrhage and Thrombosis ...	11	10
Cancer and other Tumours ...	2	3
Other causes ...	11	10

Inquests

Inquests were held during the year on patients as follows :—

Sex.	Status.	Age.	Cause of Death.
Male	Voluntary	54	Placed himself in front of a train, and died of multiple injuries.
Male	Voluntary	31	Hanged himself from a water pipe in the Linen Store room.
Female	Certified	65	Drowned herself.
Female	Voluntary	62½	Found drowned in the River Yare at Thorpe St. Andrew. There was no evidence to show how, or by what means they came into the water.
Female	Voluntary	76½	
Female	Voluntary	33	Took an overdose of aspirin tablets whilst the balance of her mind was disturbed, and this occurred while the patient was at home on leave.

Casualties

There were 22 serious casualties during the year. These included 7 fractures of the femur, 2 of the nose, 2 of the wrist, and 1 each of the skull, collar bone, hand, elbow, jaw, rib, leg and toe.

**Health of
Patients**

The general health and nutrition of the patients continued to be satisfactory. Cases of infectious diseases were reported as follows :—

	Male	Female
Pulmonary Tuberculosis ...	3	2
Broncho Pneumonia ...	6	3
Lobar Pneumonia ...	4	1
Influenzal Pneumonia ...	1	—
Influenza ...	10	22
Dysentery ...	—	4
Erysipelas ...	2	—
Severe Diarrhœa ...	—	1

Accommodation

The state of accommodation, as shown in the returns to the Ministry of Health, was as follows :—

	M.	F.	Total
Number on Registers 31st December, 1957	510	728	1,238
Statutory Accommodation :—			
Day	450	492	942
Night	425	494	919
Deficiency of Accommodation :—			
Day	60	236	296
Night	85	234	319

The overcrowding was thus 47.4 per cent. in the female hospital and 20.0 per cent. in the male hospital as compared with 52.2 per cent. and 25.6 per cent. last year.

The daily average number of patients on the registers was 526 men and 738 women, a total of 1,264 patients as compared with 1,276 during the previous year. The number of beds available at 31st December was 1,259 and the average daily number of available beds during the year was 1,258. The average daily number of beds occupied during the year was 1,199 or 95.2 per cent. and there was an average daily number of 3 patients on trial and 65 patients on leave.

Additions and Alterations

Continued improvement in furnishings and re-decoration in bright colour schemes in a number of wards has given them something of a "new look" and further extension of central heating has added comfort in female wards 2, 3, 7 and 8, and male wards A, B, F, G and H. New kitchen equipment was installed in male wards A, B, C, J and 16, and extensive alteration was made in the sanitary arrangements of male ward H.

A modern X-ray unit was installed in the female hospital, thus ending the tedious transport of female patients to the male hospital for X-ray, often in inclement weather. A modern ultra-violet unit was also added to the Physiotherapy Department.

A great improvement was effected by the conversion of the patients' Sewing Room into an office unit for Matron, Assistant Matron and Psychiatric Social Worker, thus freeing space for other uses.

Treatment

Insulin Coma is still the main form of treatment employed in recent cases of Schizophrenia, but the use of Chloropromazine and numerous similar and still rather expensive drugs has further increased, while in states of anxiety and depression the various tranquillising drugs have again been used extensively and with benefit, but for cases of depression or excitement, Electro-Convulsive Treatment, usually in modified form, is still the most reliable and widely used. There has again been a marked decline in the use of Leucotomy, due partly to the success of the new drugs and partly to the increasing number of undesirable results from the standard operation. Habit Training continues with worthwhile results.

The Physiotherapist carried out 2,718 treatments during the year.

The Chiropodist attended the hospital for two three-hourly sessions weekly and gave 1,235 treatments to 204 female patients and 56 male patients.

**Dental
Treatment**

Mr. J. J. McGowan and Mr. A. Chapple attended for three sessions per fortnight, visiting male and female hospitals on alternate weeks.

The following is a summary of the work done :—

	Male.	Female.	Total.
Examinations	90	62	152
Extractions under General Anaesthetic ...	—	2	2
Local Anaesthetics	179	79	256
Dentures	17	13	30
Repairs to Dentures	18	30	48
Easing Dentures	—	14	14
Scalings	2	6	8
Temporary Dressings	—	5	5
Fillings	20	25	45
Fittings	—	53	53

Laboratory

The following summary again shows a considerable increase in the work done :—

BLOOD: Counts of Red and White Corpuscles, 2,307; Haemoglobin, 1,624; Widal Agglutination Tests, 123; Kahn Precipitation Tests, 769; Kline Flocculation Tests, 769; Sedimentation Rate of Red Corpuscles, 183; Urea, 69; Sugar, 193; Alkaline Phosphatase, 12; Bilirubin, 29; Cholesterol, 10; Groupings, 697; Culture, 10; Calcium, 6; Proteins, 6; Uric Acid, 7; Turbidity Tests, 21; Inorganic Phosphate, 6; Other Examinations including Platelet Counts, Reticuleocyte Counts, Bromide, Prothrombin Time, Matchings, Amine Acids, Ammonia Nitrogen, Bleeding Time, Coagulation Time, Fragility Tests, Paul-Bunnell, etc., 289.

CEREBRO-SPINAL FLUID: Cystological and Microscopical, 17; Chemical Estimations, 23; Lange Gold Sol. 4; Other, 5.

FAECES: Culture, 624; Chemical Examinations, 54; Microscopical, 12; Fat Estimations, 6.

GASTRIC JUICE: Acidity Estimations, 42; Chloride Estimations, 15; Chemical Examinations, 316; Other, 9.

MILK (BOVINE): Reductose Tests, 21; Fat Content, 18.

PUS AND OTHER BODY FLUIDS: Culture, 33; Microscopic, 29; Other, 1.

SPUTUM: Culture, 9; Microscopical, 72.

THROAT, NASAL SWABS, ETC.: Culture, 20; Microscopical, 3.

URINE: Culture, 294; Microscopical, 1,770; Sugar, 361; Chemical Examinations, 8,535; Protein, 38; Other Examinations including Creatine, Creatinine, Ketosteroids, Ures, etc., 14.

WATER: Recteriological Investigations, 34.

MISCELLANEOUS: Including Antibiotic Sensitivity Tests, Glucose Tolerance Tests, Chemical Analysis of Foodstuffs, Bacteriological Examinations of Meat, Urea, Clearance Tests, etc., 129.

SPECIMENS SUBMITTED FOR EXAMINATION: In-Patient, 7,081; Out-Patient, 340; total, 7,421.

Total examinations performed, 19,638.

**Clinical
Psychology**

The value of this department as an aid to diagnosis and treatment is now well established as shown by the following summary of the work done, and in addition, Dr. Rafi commenced a research project.

NUMBER OF PATIENTS INVESTIGATED.

In-patients	...	...	163
Out-patients	...	...	9
Research subjects	...	...	264
Total	...	...	436

TYPE AND NUMBER OF PROBLEMS INVESTIGATED.

General intelligence and aptitude	...	...	192
Personality structure and analysis of deviant thinking and behaviour	...	...	151
Disturbances in abstract thinking	...	...	134
Cognitive deterioration	...	...	59
Memory functioning	...	...	25
Colour blindness	...	...	2
Total	...	...	563

Research Investigation :—Disturbances of abstract thinking, especially in relation to the concept of the human figure and its expression of emotional states	...	...	264
General ability—verbal	...	...	264
			528

**Occupational
Therapy**

The work of the Occupational Therapy Department was fully maintained during the year. The number of new patients attending Occupational Therapy Classes was 341, and attendances for all patients totalled 91,279. The farm and gardens continue to give ample scope for employment of a healthy kind for male and also female patients. The "News Letter" continued to appear under the editorship of the Free Church Chaplain and the supervision of the Head Occupational Therapist.

**Recreational
Therapy**

The Recreational Organiser has maintained a programme of entertainment and recreational activities in which Occupational Therapists also assist, but chief place must again be given to television, which is now available on all wards and with great benefit, especially to the long stay patients who still form the bulk of the hospital population.

A daily programme of games and physical exercises is provided for male patients under the Physical Training Instructor, and for female patients by the Occupational Therapists.

**"Friends of
the Norwich
Hospitals"**

The various groups of voluntary workers have continued to provide a variety of useful service in the hospital, which is gratefully acknowledged. The Friends of the Norwich Hospitals gave £100 towards the cost of providing a new Hairdressing Saloon in the Female Hospital; also a typewriter to the Occupational Therapy Department, twelve budgerigars and cages and a sum of £25 for Christmas gifts.

The Norfolk and Suffolk Hospitals Contributors' Association gave £75 for Christmas amenities. Thorpe Branch of the British Legion made two gifts of cigarettes, tobacco and sweets to all ex-Service patients; the ex-Service Welfare Association made their annual Christmas gift of cigarettes or money; the Friends of the Lowestoft Hospitals a Christmas parcel to each Lowestoft patient.

A radiogram was given by Mr. Price, one hundred and thirty records by Mr. Munday, a piano by Mr. and Mrs. Hardy, and another by Miss Charlish, a gas stove by Mrs. Broughall, all of which are being used in the Occupational Therapy Department; and numerous other gifts from relatives and friends of patients.

The voluntary workers and visitors include members of the British Red Cross Society, the Townswomen's Guild, Blofield and Flegg Women's Voluntary Service, Thorpe Women's Institute, the Catholic Women's League and Toc H.

**Out-Patient
Clinics**

The number of new patients and the attendance at the various out-patients' clinics were as follows :—

Clinic				New Cases	Attendances
Norfolk and Norwich	...	...	...	278	819
Great Yarmouth	...	...	...	153	929
Lowestoft	...	...	...	151	915
St. Andrew's	...	...	...	79	1,735
				<hr/> 661	<hr/> 4,398

These figures show an increase of 5.3 per cent. in the number of new patients, and an increase of 4.9 per cent. in attendances and include those patients attending St. Andrew's Hospital for Electro-Convulsive treatment.

The number of patients admitted to hospital from the clinics was 45 males and 66 females, a total of 111 or 16.8 per cent. of the new patients seen.

**Psychiatric
Social
Work**

The departure of the Psychiatric Social Worker in July was a serious loss.

Acknowledgment must again be made to Dr. Alford and the Welfare Officer of the Norfolk County Council, to Dr. Grant and the Welfare Department of Great Yarmouth, and to the Welfare Department of Lowestoft. During 1957, the Welfare Officers visited, at our request, 290 patients on leave and 204 discharged patients. The Social Club, run by the Social Worker of the Norfolk County Council is attended by in-patients and ex-patients of this hospital.

**Parole and
Leave**

Full Parole was given to 103 male and 36 female patients, and Parole within the grounds to 134 male and 272 female patients at 31st December. There was a further increase in the number of patients granted leave.

**Official
Visits**

Mrs. L. Rushworth Ward, Representative of the Official Solicitor, visited the hospital on 11th January.

A member of the Cambridge Office of the British Council visited the hospital on 24th January to invite the attendance of Overseas Students to vacation courses to be held in Cambridge during the year.

Mr. Ely, a Nursing Officer of the Ministry of Health visited the Male Hospital on 11th, 12th and 13th February, and Miss Griffiths visited the Female Hospital on the 13th and 14th February.

J. Sekowski, Esq., O.B.E., Welfare Officer from Mabledon Park Hospital, visited Polish patients on the 10th April.

Sir Robert Napier, from the Ex-Service Welfare Society, visited the ex-Service patients on the 27th June.

Dr. J. Leigh Cox from the Ministry of Pensions and National Insurance, made the annual inspection of Service patients on 10th July.

Dr. R. J. Rosie, C.B.E., and J. C. Rawlinson, Esq., Commissioners of the Board of Control, visited the hospital on 29th and 30th October.

**Nursing
Staff**

The whole-time female nursing staff at the end of the year consisted of 24 registered nurses, 13 student nurses, 23 nursing assistants and 6 nursing orderlies, also 10 registered nurses, 60 nursing assistants and 2 nursing orderlies working part-time.

The number of female student nurses engaged during the year was 7, and 4 of these were still under instruction at the end of the year.

The male nursing staff at the end of the year consisted of 70 registered nurses, 1 male tutor, 20 student nurses, 7 nursing assistants and 9 nursing orderlies, all whole-time.

Two male staff nurses were seconded for General Training.

During the year 2 female and 2 male student nurses passed the Final Examination of the General Nursing Council for Mental Nurses.

**Changes
of Staff**

Miss E. M. Parry, Matron, left on 28th February, having been appointed Matron at Deva Hospital, Chester.

Dr. M. M. Bergin, temporary Registrar, left on 16th March, to take up an appointment as Registrar at Little Plumstead Hospital.

Dr. T. J. K. Merritt, Registrar, left on 24th March, having been appointed Senior Registrar in Child Psychiatry at Ipswich and East Suffolk Hospital.

Miss J. A. Nelson was appointed Matron, and took up duty on 26th March.

Dr. A. G. Kirk was appointed Senior House Officer, and took up duty on 1st April.

Mr. G. C. Gutteridge was appointed Tutor, and took up duty on 1st April.

Mrs. S. Rainbow, Recreational Organiser, left on the 10th May, having obtained an appointment with the Norfolk County Council, and was succeeded by Mrs. M. Barber, who commenced duty on 13th May.

Dr. G. E. Cook was appointed Registrar, and took up duty on 15th May.

Mr. F. J. Hunt, Finance Officer and Deputy Group Secretary, left on 23rd June, having been appointed Group Secretary at Little Plumstead Hospital. He was succeeded by Mr. A. Taylor, who took up duty on 4th July.

Miss C. McCall left on 5th July, having been appointed Warden of Denman College, the central educational establishment of the Association of Women's Institutes.

Dr. H. B. N. Jennings, Consultant Psychiatrist, left on 18th October, having obtained a similar appointment at Hellingly Hospital, Sussex. He was succeeded by Dr. E. R. F. Mellon, who took up duty on 1st November.

Dr. M. S. Plumbly was appointed temporary Senior House Officer and commenced duty on 2nd December.

Father Kevin Jones, Roman Catholic Chaplain, died on 10th December.

Pensions

The following members of the staff retired on pension :—

Kenneth Noel Newson, Hall Porter, after 37 years' service.

William Edward Houghton Beer, Painter and Glazier, after 19 years' service.

Kathleen Rose Mary King, Ward Sister, after 32 years' service.

Gertrude May Flegg, Medical Superintendent's Secretary, after 38 years' service.

Edward George Gell, Storesman, after 34 years' service.

Conclusion

I again record my thanks to my Medical Colleagues, to the Officers and Staff of the Hospital, and to the Officers of the Regional Hospital Board, and I acknowledge the continued support of the Chairman and Members of the Management Committee.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

W. J. McCULLEY,

Medical Superintendent.

CHURCH OF ENGLAND CHAPLAIN'S REPORT, 1957

March, 1958.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour of presenting my report for the year 1957.

In the course of my duties I have visited the wards in the hospital regularly, and have tried to be as sympathetic and understanding as I possibly could. There have been occasions when I have had the pleasure of helping a patient to recover. In some cases I would not have known this, were it not for the relatives who have written, or had a chat with me when they visited the hospital.

In addition to visiting the wards, I have had the privilege of celebrating Holy Communion, and the number of communicants on the wards is higher than at any time during my fifteen years as Chaplain. The attendance at the ordinary Sunday Services continues to be good, and Mr. Newson, the organist, and the choir have given me valuable support, also at weekday services, and on Christmas Day, Ash Wednesday and Good Friday.

During my holidays the services were conducted by the Rector of Reedham, the Rev. L. Lawrence.

Thirteen funerals were held in the Hospital Cemetery during 1957.

In closing this brief report, I would like to record my warmest thanks to Dr. McCulley, Mr. Read, Matron, the Chief Male Nurse and other members of the Staff for their unfailing courtesy and support throughout the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

CLYDE DOUGLAS PROUD,

Church of England Chaplain.

Postwick Rectory,
Norwich.

FREE CHURCH CHAPLAIN'S REPORT, 1957

March, 1958.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to present the following report of my work at the Hospital during the past year.

It is difficult to avoid repetition in wording this report since there is little variation with respect to visitation. Every ward in the hospital, both male and female, has been visited regularly once a week and there have been one or two occasions when a special visit has been requested.

Attendance at the Sunday afternoon services has been very good, although the average is slightly below that of previous years. Mr. K. N. Newson and his choir have again rendered excellent service week by week. When I was away on holiday the Rev. F. L. Page kindly took duty for me. At our Harvest Festival in September, we were pleased to welcome the Rev. W. R. C. Joyce, M.A., of the Presbyterian Church as special preacher. On December the 15th the Catton Choral Society came and rendered excerpts from Handel's "Messiah". There was an exceptionally large congregation and the visit was much appreciated.

While there is not much of an unusual nature to report, perhaps one may be allowed to say that a very deep sense of responsibility is never absent from one's work, and in that work itself one is encouraged to hope that some good is being accomplished.

My warmest thanks are due to Dr. McCulley, Mr. Read, the Matron, the Chief Male Nurse and all other members of the Staff for their continued consideration and help.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Most respectfully yours,

ERNEST S. FRANCE,

Free Church Chaplain.

385, Unthank Road,
Norwich.

REPORT OF THE COMMISSIONERS OF THE BOARD OF CONTROL

ST. ANDREW'S MENTAL HOSPITAL,

THORPE,

NEAR NORWICH,

30th October, 1957.

It is approximately 17 months since this hospital was visited on behalf of the Board of Control. Progress still continues in making full use of existing legislation to obviate any, shall we say, unnecessary certification. The praise for this can be shared jointly by the hospital on the one hand and those responsible for mental health in the Hospital's Catchment Area.

During the year 1956 the direct admissions amounted to 793 (346 male, 447 female). This is again an all high record of direct admissions for this hospital. Up to date this year it appears that the rate of direct admissions is stabilising around this last mentioned figure. The most satisfactory features of the direct admissions are that exceptionally good use is made of the provisions of the M.T.A. (1930). This is evidenced by the fact that only 95 out of 793 were received under certificate. Two further points evidencing the full use made of existing legislation is that no patient in recent years has been received under an Urgency Order; the other is that out of the 35 (13 male, 22 female) patients received on "short orders" only one had to be retained in this hospital under certificate.

The names of 1,231 (516 male, 715 female) patients are upon the books. 604 of these are under certificate, not a high figure because, in addition to obvious regrading, suitable patients are also regraded to the voluntary category when they are due to be examined for their special reports and certificates.

Overcrowding on both sides of the hospital is severe and particularly so on the female side. According to the figures placed before us there is a deficiency of accommodation by day for 99 men and 218 women; by night there is a deficiency for 124 and 216 respectively. No patient is boarded out under Section 57 of the Principal Act. This may depend upon three factors; one is the weekly maintenance cost for patients within the hospital, two is the number of patients who could be so suitably boarded out, and lastly the availability of suitable homes to receive such patients. The weekly maintenance cost per head, as last ascertained, was £5 19s. 5d.

During the period under review the general health of the patients can be said to have been fairly satisfactory. There have been 157 (95 male, 62 female) deaths. Except for the facts of five inquests, which were reported to our Board at the time, the deaths call for no special mention. The death rate for the year 1956 was 10.6% for male and 7% for female patients.

In the same period there were 28 (11 male, 17 female) casualties of a more or less serious nature; these figures exclude those accidents which were subject to a Coroner's inquest. When bearing in mind the gross overcrowding in parts, the high average age of the patients concerned and the depleted numbers of the female nursing staff, the total number cannot be considered high.

Dr. McCulley, the Medical Superintendent, has Dr. Fraser as his deputy. Both are of Consultant rank; Dr. Mellon, also of Consultant rank, is joining the medical staff this week. The remainder of the medical staff, which is one below establishment, is Dr. Crossley, Dr. Rae, Dr. Rowe, Dr. Cook, Dr. Kirk and Dr. Pietocha.

The number of male nurses for these times continues fairly satisfactory; there has been an increase in the number of female nurses, but this staff still remains depleted. There are, in fact, 91 male nurses and 126 female nurses; 68 of the latter are on a part-time basis. For various and different reasons we would like to say that both nursing staffs are deserving of congratulations on the manner in which they carry out their duties. Miss Parry, the previous Matron, has left this hospital to take up an appointment at another Mental Hospital. Miss Nelson has taken up the duties of Matron in her place.

Occupational Therapy is well understood. The Occupational Therapists on both sides of the hospital, together with members of the nursing staff, are keen and enthusiastic on this form of therapy. Besides this, good attention is paid to the occupation of patients generally.

Both out of door and indoor games and recreations are well studied. Television, which is most valuable, has been installed in all the wards; it has been found a particular asset in the wards which have been allocated for the more difficult types of patients. There are various outside Associations who give valuable help to this hospital and to the chronic patients within it. We would like to record how much their efforts and their generosity are appreciated.

Many matters were discussed, both with Dr. McCulley and Mr. Read, the Secretary to the Hospital Management Committee. One was "Rewards" to working patients; these appear to be satisfactory. Several alterations and improvements have been carried out; we would mention the following—central heating still continues to be improved in various parts of the hospital, a new Cafeteria has been provided in the male hospital for male staff, some improvements have been carried out in sanitary annexes, but a great deal still remains to be done. A new Diagnostic X-ray Department has been created; a Theraktin ultra-violet bath has been installed in that department. Some new, comfortable and practical furniture has been introduced into a number of male and female wards. Ward kitchens on both sides of the hospital continue to be up-graded. It is hoped it will not be long now before five wards on the male side and six on the female side will have their ablution annexes re-equipped. The male side of the hospital, which is on the other side of the road, is more modern than the female side.

At this juncture we would like to have reference to the entry written on behalf of our Board in July of 1950. We would quote from the first paragraph which said, "Overcrowding and shortage of nursing staff are no better and the provision of an Admission Unit and Isolation Hospital, a modern Treatment Centre and Convalescent Villas has had to be postponed. Some major improvements such as installing central heating in several parts of the hospital and Nurses' Home have been ruled out by the Regional Board from their Capital Programme for the time being." It is true to say that during the last seven years central heating has had attention, and that the number of female staff has improved, but apart from that, the situation is the same. In the third paragraph of the entry referred to, it was said then that :

"Overcrowding is therefore becoming increasingly more serious and the difficulties of classification are also more pronounced so there is less hope of remedying the conditions which existed last year in such Wards as F.3 and F.5." We mention this last quotation with particular reference to Ward F.3. According to the figures given there are 16 female typhoid and para-typhoid carriers: 14 of these are looked after in F.3, which is the female refractory ward. Measures, including T.A.B. inoculation are, of course, taken to prevent the spread of infection, and those so far have proved successful in doing so. Under existing conditions, however, the isolation of these carriers in this already overcrowded ward is not satisfactory. Most of the carriers are mentally considerably deteriorated. Though they have W.C. accommodation reserved for them, it is acknowledged that, on occasion, they can evade supervision and, in consequence, do use the ordinary W.C. accommodation available for other types of patients. Their degraded habits makes this most dangerous. The great shortage of female nursing staff makes adequate supervision of the carriers almost impossible. Stricter isolation in more suitable accommodation can be said to be an urgent matter. It is not for us to say how best other accommodation can be provided, but it does seem that a verandah ward, now accommodating some eight patients suffering from tuberculosis would be an alternative. This might necessitate transferring away to another mental hospital these female tubercular patients.

As was said in the entry on behalf of our Board in May of last year, the classification on the female side is really poor in places. The general question of classification of patients was discussed. On the male side there are two large wards, both of the refractory type, each housing some 90 patients. Consideration might well be given to seeing if another ward, such as Ward E, could not be used to take some of the patients out of one or either of these two refractory wards. We understand, with gross overcrowding, classification is a very difficult matter.

In conclusion, we would like to say that there is a spirit of co-operation and kindness prevailing in all departments throughout the hospital. We would like to thank everyone for the assistance they gave us during the last two days. At the conclusion of our visit, we had the pleasure of meeting Mr. Easton, the Chairman, and Mr. Bayfield, the Vice-Chairman of the Hospital Management Committee.

JOHN C. RAWLINSON
R. ROSIE

*Commissioners of the
Board of Control.*

TABLE I.

Showing the Admissions, Re-admissions, Discharges and Deaths during the year ending 31st December, 1957.

	Male	Female	Total	Male	Female	Total
In the Hospital, 1st January, 1957				534	752	1286
<i>Cases Admitted.</i>						
First Admissions	176	221	397			
Not First Admissions	187	222	359			
Total Cases admitted during the year ...				813	443	756
Total Cases under care during the year				847	1195	2042
<i>Cases Discharged.</i>						
Recovered	54	108	162			
Relieved	191	265	456			
Not Improved	17	35	52			
Transferred to other Hospitals ...	1	2	3			
Died	74	57	131			
Total Cases discharged and died during the year				337	467	804
Remaining in the Hospital, 31st Dec., 1957				510	728	1238
Average number resident during year ...				504	693	1197
Persons Admitted				313	443	756
Persons Recovered				54	108	162
Transferred to this Hospital				—	—	—
Transferred from this Hospital ...				1	2	3

TABLE II.

Showing the Admissions, Discharges and Deaths, with the mean Annual Mortality and Proportion of Recoveries per cent the year ending 31st December, 1957.

Years	Admission			Discharged						Died			Remaining 31st Dec. in each year			Average Number Resident			Percentage of Recoveries to Admissions			Percentage of Deaths to Average Number Resident						
				Recovered			Relieved			Not Improved																		
	Male	Fem.	Total	Male	Fem.	Tot.	Male	Fem.	Tot.	Male	Fem.	Tot.	Male	Fem.	Tot.	Male	Fem.	Tot.	Male	Fem.	Total	Male	Fem.	Total				
From 1850 to	4756	5905	10661	1659	2370	4029	236	289	525	285	411	696	2108	2258	4366	349	519	868	329	493	822	42.30	61.83	53.19	6.38	5.68	5.96	
1914	114	630	774	44	81	125	7	9	16	6	7	13	21	28	49	372	522	894	365	523	888	35.18	48.23	41.89	10.41	8.98	9.57	
1920	114	121	235	38	55	93	8	12	20	6	3	9	38	47	85	384	537	921	366	525	891	27.47	46.87	38.81	12.84	9.71	10.99	
1922	97	135	232	25	60	85	10	5	15	3	3	6	47	51	98	410	618	1028	396	595	991	26.26	40.64	35.03	10.10	6.22	7.77	
1923	105	195	300	26	63	89	7	11	18	6	3	9	40	37	77	410	618	1028	396	595	991	26.26	40.64	35.03	6.05	8.22	7.34	
1924	84	148	232	35	67	102	11	18	29	2	7	9	25	50	75	421	623	1044	413	608	1021	44.30	47.51	46.31	8.67	6.70	7.49	
1925	77	141	218	35	68	103	6	11	17	4	4	8	36	42	78	417	636	1053	415	626	1041	50.00	52.71	51.75	8.67	6.70	7.49	
1926	103	138	241	37	69	106	5	23	28	2	29	31	28	38	66	445	614	1059	434	639	1073	38.54	51.87	46.28	6.49	5.94	6.15	
1927	88	131	219	29	37	66	5	17	22	1	7	8	33	31	64	465	652	1117	452	631	1083	35.36	29.84	32.03	7.80	4.91	5.92	
1928	90	115	205	27	58	85	8	11	19	5	4	9	43	29	72	471	664	1135	471	658	1129	31.03	55.23	44.27	9.12	4.40	6.37	
1929	85	127	212	20	37	57	8	14	22	...	4	4	43	34	77	484	701	1185	480	675	1155	24.09	31.09	28.21	8.95	5.03	6.66	
1930	86	125	211	25	47	72	5	9	14	5	3	8	42	32	74	493	735	1228	489	716	1205	30.48	39.49	35.82	8.59	4.46	6.14	
1931	91	139	230	15	44	59	16	99	115	3	12	15	46	42	88	504	677	1181	498	699	1197	17.85	32.83	27.06	9.23	6.00	7.35	
1932	81	133	214	23	45	68	72	52	124	2	3	5	33	42	75	455	668	1123	463	667	1130	28.40	33.80	31.70	7.10	6.40	6.60	
1933	106	147	253	40	65	105	49	32	81	1	2	3	34	32	66	437	683	1120	451	665	1116	40.00	46.09	43.57	7.54	4.80	5.82	
1934	100	136	236	37	73	110	12	37	49	24	4	28	27	36	63	437	669	1106	429	678	1107	38.90	56.20	48.90	6.80	5.30	5.70	
1935	122	129	251	28	38	66	45	44	89	3	8	11	36	23	59	447	685	1132	438	683	1121	23.30	29.90	26.70	8.20	3.40	5.30	
1936	108	132	240	38	56	94	32	49	81	8	5	13	28	37	65	449	670	1119	451	686	1137	35.85	44.44	40.52	6.21	5.39	5.72	
1937	122	157	279	55	73	128	22	30	52	6	6	12	39	34	73	449	684	1133	453	673	1126	48.67	48.03	48.30	8.61	5.05	6.48	
1938	94	156	250	45	79	124	9	42	51	9	5	14	25	41	66	454	673	1127	452	679	1131	48.91	52.32	51.03	5.53	6.04	5.83	
1939	116	156	272	42	78	120	14	29	43	6	3	9	50	26	76	458	693	1151	454	683	1137	37.50	52.70	46.15	11.01	3.81	6.68	
1940	69	130	199	41	89	130	12	29	41	7	3	10	42	43	85	425	659	1084	441	667	1108	59.4	72.9	68.1	9.5	6.4	7.6	
1941	88	138	226	17	75	92	14	34	48	7	11	18	47	36	83	428	641	1069	425	652	1077	20.0	56.3	42.2	11.0	5.5	7.7	
1942	83	133	216	37	53	90	17	39	56	6	5	11	40	30	70	411	647	1058	413	644	1057	47.4	41.0	43.4	9.6	4.6	6.6	
1943	103	161	264	43	87	130	25	31	56	12	8	20	25	24	49	410	658	1068	414	654	1068	42.1	54.0	49.4	6.0	3.6	4.5	
1944	88	173	261	27	80	107	23	44	67	12	13	25	21	26	47	418	668	1086	413	667	1080	30.6	47.9	41.9	5.0	3.8	4.3	
1945	83	152	235	25	87	112	18	45	63	8	8	16	26	31	57	424	649	1073	421	646	1067	31.6	58.4	49.1	6.1	4.7	5.3	
1946	136	223	359	44	80	124	27	53	80	8	15	23	35	37	72	446	687	1133	426	661	1087	33.0	37.2	35.6	8.2	5.6	6.6	
1947	147	231	378	30	87	117	68	91	159	15	11	26	20	36	56	460	693	1153	444	682	1126	21.0	38.8	31.9	4.5	5.3	5.0	
1948	191	244	435	60	117	177	64	84	148	8	5	13	25	21	46	494	708	1202	466	678	1144	31.6	48.9	41.3	5.4	3.1	4.0	
1949	236	278	514	67	97	164	97	112	209	19	15	34	37	39	76	510	721	1231	478	684	1162	28.4	34.9	31.9	7.7	5.7	6.8	
1950	216	309	525	40	67	107	99	149	248	23	33	56	44	35	79	520	744	1264	495	712	1207	18.6	21.9	20.5	8.9	4.9	6.5	
1951	234	312	546	40	75	115	121	149	270	31	21	52	47	57	104	514	746	1260	505	723	1228	17.2	24.4	21.3	9.3	7.9	8.5	
1952	209	306	515	33	66	99	122	200	322	26	15	41	27	36	63	514	719	1233	498	709	1207	16.0	22.0	19.6	5.4	5.1	5.2	
1953	225	317	542	30	52	82	102	172	274	21	18	39	38	53	91	547	738	1285	516	694	1210	13.3	16.4	15.1	7.4	7.6	7.5	
1954	226	330	556	53	51	104	109	205	314	21	27	48	38	45	83	527	734	1261	510	699	1209	23.5	15.5	18.7	7.4	6.4	6.9	
1955	265	399	664	49	65	114	146	241	387	15	17	32	56	63	119	525	742	1267	500	696	1196	18.5	16.3	17.2	11.2	9.1	9.95	
1956	348	449	797	69	113	182	185	252	437	27	21	48	56	53	109	534	752	1286	508	694	1202	19.8	25.2	22.8	11.0	7.6	9.1	
1957	313	443	756	54	108	162	192	266	458	17	36	53	74	57	131	510	728	1238	504	698	1197	17.3	24.4	21.2	14.7	8.2	10.9	
Totals	9999	13924	23923	3082	5012	8098	2028	3039	5067	670	815	1485	3520	3712	7232													

* No Statistics are prepared for year 1915-1919 as Institution was in use as a War Hospital



