

**The annual report of the St. Andrew's Hospital, Thorpe, Norwich for the year 1945 and statement of accounts for the year ending 31st March, 1946.**

**Contributors**

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**Publication/Creation**

[Norwich] : [Printed by Roberts Printers (Norwich)], [1946?]

**Persistent URL**

<https://wellcomecollection.org/works/d27y2b7f>

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1945-46

ST. ANDREW'S HOSPITAL  
THORPE, NORWICH

ANNUAL  
REPORT

1945-46





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THE  
**ANNUAL REPORT**

OF THE  
ST. ANDREW'S HOSPITAL  
THORPE, NORWICH

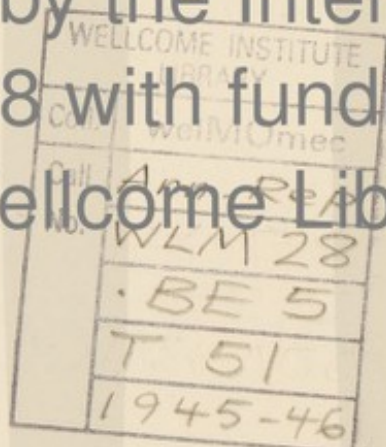
For the Year 1945

AND  
**STATEMENT OF ACCOUNTS**

For the Year ending 31st March, 1946



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# THE COMMITTEE OF VISITORS

## 1945-46

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*Chairman :*

MAJOR D. G. ASTLEY, C.B., D.L., The Cottage, Wroxham, Norfolk.  
(*Vice-Chairman of the County Council*)

*Vice-Chairman :*

H. E. TAYLOR, J.P., Cringleford, Norwich.

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SIR HENRY E. S. UPCHER, J.P., Sheringham Hall, Norfolk (*Chairman of County Council*).

G. W. BECK, J.P., Winterton Old Manor House, Great Yarmouth.

H. C. BETTS, J.P., Horning Road, Wroxham.

H. C. BOOTY, "Bryanston," Thorpe, Norwich.

Miss M. COZENS-HARDY, M.B.E., J.P., Oak Lodge, Sprowston, Norwich.

C. E. DUPUIS, Chedgrave Manor, Loddon.

G. E. HEWITT, J.P., St. Faith's, Norwich.

MRS. C. M. HOOD, J.P., Sidestrand, Cromer.

W. HOWES, J.P., "Sunniva," Swaffham.

COLIN McLEAN, "Humbletoft," Sandy Lane, East Dereham.

MAJOR R. B. PEARCE, J.P., Happisburgh, Norwich.

R. C. PEARSON, 1, Boston Square, Hunstanton.

S. PEEL, J.P., Mill Road, Wells, Norfolk.

C. W. WATERS, J.P., Herringby Hall, Great Yarmouth.

J. WEATHERBED, J.P., Aylsham.

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*Clerk to the Committee :*

J. MIDDLETON, M.B.E., St. Andrew's Hospital.

# OFFICERS OF THE HOSPITAL

## 1945

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*Medical Superintendent :*

O. G. CONNELL, M.C., L.R.C.P. & S. (I.)

*Senior Assistant Medical Officer and Deputy Superintendent :*

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

*Assistant 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.)

D. G. COLVILLE, M.B., Ch.B. (Glasgow).

*Honorary Visiting Surgeon :*

C. NOON, O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.R.C.S. (Eng.)

*Honorary Visiting Physician :*

H. J. STARLING, M.D., (Lond.).

*Dental Surgeon :*

G. SAMBROOKE STURGESS, L.D.S., R.C.S. (Eng.).

*Chaplain :*

REV. C. D. PROUD.

*Treasurers :*

BARCLAYS BANK, LTD., NORWICH

*Secretary :*

J. MIDDLETON, M.B.E., F.H.A.

*Steward :*

T. E. PARRY, F.H.A.

*Engineer and Clerk of Works :*

H. J. WYATT.

*Matron :*

MISS M. E. GIBBS.

*Chief Male Nurse :*

P. G. KEEBLE.



# ANNUAL REPORT OF THE COMMITTEE OF VISITORS

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In accordance with section 190 of the Lunacy Act 1890, we beg to submit the following Report for the year 1945.

There were on the books of the Hospital on 31st December, 1945, the following patients :—

			Male.	Female.	Total.
Norfolk	...	...	378	628	1006
Service	...	...	40	—	40
Ex Service	...	...	1	—	1
Out County	...	...	5	20	25
On leave	...	...	—	1	1
			424	649	1073

Compared with 31st December, 1944, these figures are an increase of 13 patients (an increase of 6 males and a decrease of 19 females).

The sleeping accommodation provided in the Hospital based on the normal requirements of the Board of Control is for 494 males and 631 females, Total 1125. Part of this accommodation has been in use as an Emergency Hospital but on 30th June, 3 wards (comprising 111 beds) were handed back for normal use. There are still 2 wards (comprising 151 beds) in Emergency Hospital use.

The recovery rate calculated on the direct admissions was 49.10 (31.64 males and 58.39 females).

Two Commissioners of the Board of Control visited the Hospital on the 4th and 5th of June and in view of the existing conditions the report was very satisfactory.

There is a considerable amount of cleaning and painting required to be carried out, the accumulation of arrears during the war, but we have been able to get the interior and exterior of the wards vacated from the Emergency Hospital cleaned and painted by contract. We propose to continue internal and external painting as opportunity occurs.

The excess charge on Out County, etc., patients during the year amounted to £782 8s. 2d. which has been transferred to Building Account for expenditure on Ordinary Repairs.

The weekly rate of maintenance has been at the rate of 35/- per week throughout the year.



Members of the Committee have paid regular visits to the wards and other departments of the Hospital and monthly meetings of the Visiting Committee have been held throughout the year.

During the year we received the resignation of the Medical Superintendent (Dr. O. G. Connell) after 24 years' service at this Hospital and we have appointed Dr. W. J. McCulley to succeed him on 1st April, 1946.

The shortage of staff in the Nursing and Domestic sections has been very acute throughout the year. We have endeavoured through various channels to obtain applicants, but we have not been successful. During a very difficult and at times anxious year we desire to express our appreciation to the Officers and staff for the services they have so willingly given.

D. G. ASTLEY,  
*Chairman.*

# THE MEDICAL SUPERINTENDENT'S ANNUAL REPORT For the Year 1945

## To the Committee of Visitors

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit to you the Annual Report for the year ending 31st December, 1945, being the 126th since the opening of the Hospital in 1814. The last report submitted was that for the year ending 31st December, 1939.

The end of the War, first in Europe and later in the Far East, brought final relief from the threat of danger and the "V-Days" were observed as far as conditions allowed. I am happy to report that throughout the War no casualties or damage were sustained in the Hospital.

Thirty-three members of the Male Staff have served in H.M. Forces and many of these returned during the year but it is with deep regret that I record the deaths on active service of the following :—

Owen Hoban	...	...	Male Nurse
John Stanley Cotton	...	...	Male Nurse
Bernard Eric Allen	...	...	Male Nurse

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

	M.	F.	Total.
Numbers in the Hospital on 1st January, 1945 ...	418	668	1086
Admitted during the Year ...	83	152	235
Discharged and Transferred during the Year :—			
Recovered ...	25	87	112
Relieved ...	20	47	67
Not Improved ...	6	6	12
<b>Total Discharges</b> ...	<b>51</b>	<b>140</b>	<b>191</b>
Died ...	26	31	57
Remaining in the Hospital, 31st December, 1945 :—			
Norfolk Cases ...	378	629	1007
Out-County Cases ...	5	20	25
Service Cases ...	40	—	40
Ex-Service Cases ...	1	—	1
<b>Total</b> ...	<b>424</b>	<b>649</b>	<b>1073</b>



The daily average number resident was 420 men, 646 women; total 1066. The total number under treatment was 1321.

**Admissions.** The number of patients admitted during the year was 83 males and 152 females, as compared with 91 males and 173 females in the previous year. Of the total number of direct admissions (228) 39 patients were 65 years of age or over.

**Voluntary and Temporary Patients.** During the year 38 male and 80 female Voluntary Patients (including regradings to this Status) were admitted, these numbers being 31.8% and 52.6% of the total male and female admissions respectively.

One Temporary Patient was admitted during the year.

Of the Voluntary cases, there has been an increase of 8 compared with the previous year.

**Discharges and Transfers.** The condition of patients on discharge and transfer was as follows:—

				M.	F.	Total.
Recovered	...	...	...	25	87	112
Relieved	...	...	...	20	47	67
Not Improved	...	...	...	6	6	12

The recovery rate, calculated on the direct admissions, was 31.6% for males and 58.4% for females, or 49.1% for both sexes.

The discharge rate, calculated on the total number of admissions was 61.4% for males and 92.1% for females or 81.3% for both sexes.

**Deaths.** The total number of deaths was 26 males and 31 females. The death rate, calculated on the average daily number resident, was, male 6.3%, female 4.8%, total 5.3%. Tuberculosis was the cause of death in the case of 4 men and 4 women, and Cancer in the case of 3 men and 6 women.

**Inquests.** Two Inquests were held during the year. The first, in the case of a male patient, aged 64 years, who died during an operation for strangulated Hernia. The verdict was "Died from the shock caused by an operation for a strangulated Hernia whilst under an anæsthetic properly administered acting upon a degenerated heart." The other, in the case of a male patient, who, eleven days after his admission as a Voluntary patient, broke parole and was subsequently found lying on the railway line near Postwick. The verdict returned was "Died from decapitation caused by him placing his neck on a railway line in front of a passing train whilst the balance of his mind was disturbed."

**Casualties.** There were nine serious casualties during the period under review. O.W., a female patient, sustained a Colles fracture of the right wrist when she fell in a dayroom; A.R., a male patient, in struggling with another patient dislocated his left shoulder; P.A.S., a male patient, aged 67 years, over-balanced when picking up a coat-hanger, striking his back on a fire-bucket and fractured his ribs; E.R.G., a female patient, slipped on the stairs, sustaining a fracture of



the Patella; F.M.L.R., a female patient, was struck with a window pole by another patient which resulted in a comminuted fracture of the right Ulna; L.G., a female patient, slipped and fell in a dayroom, sustaining a Colles fracture of the right wrist; L.B., a female patient, fell when opening a dormitory window and fractured her left Clavicle; M.M.F., a female patient was pushed down in a dayroom by another patient, causing an intertranchentric fracture of the right Femur; S.L., a female patient, was knocked down by another patient thereby causing a separation of the end of the right Clavicle from the Acromion.

#### Parole.

The granting of parole again became possible and a large number of patients once more enjoy this privilege as follows:—

	M.	F.	Total.
Full Parole ... ..	40	27	67
Partial Parole ... ..	50	115	165

#### Accommodation.

Overcrowding still exists in both the male and female wards and gives rise to continued anxiety. During the year three male wards (111 beds) were vacated by the Emergency Hospital Section but occupation was not possible owing to the difficulties of re-decoration. Two wards (151 beds) are still retained for Emergency Hospital use.

The sleeping accommodation available for mental patients (based on the normal requirements of the Board of Control) on the 31st December, 1945, was 332 males and 531 females. The following figures readily illustrate the overcrowded state of the Hospital:—

	M.	F.	Total.
Numbers resident on 31st December, 1945 ...	424	649	1073
Accommodation available ... ..	332	531	863
Deficiency of Accommodation ... ..	92	118	210

#### Health of Patients.

The general health of the patients, after six years of war-time conditions, was very satisfactory. This is shown by the low death-rate—5.3%, the second lowest since the hospital attained its present size; by the absence of any epidemic, only two cases of Paratyphoid and twelve cases of Dysentery having occurred during the year; and by the general improvement in the weight of the patients. A disquieting feature, however, was the increase in Pulmonary Tuberculosis, six male and thirteen female cases occurring during the year. This increase in the disease is reported among the general population also. During the year eleven major operations were performed by the Consulting Surgeon.

#### Treatment.

The Electro Convulsive Treatment for cases of depression continues to give good results. During the year 61 in-patients have undergone courses varying from a few treatments up to twelve or more and of these 47 cases were discharged. Eight cases were also treated as Out-Patients. Continuous Narcosis by Somnifaine is also used. Insulin Shock treatment is not yet available at this hospital, owing to the shortage of nursing and medical staff. For the same reason, the operation of Frontal Leucotomy has not been made use of. Both are well established methods of treatment and it is hoped that conditions will soon permit of their employment here. Malarial Therapy is used where required and in combination with Trypanasamide administration.



There is an increasing need for Psychotherapy on a much more extensive scale, since, for a large number of Voluntary cases this is the method of choice. The fuller use of this method, however, also requires additional medical staff.

#### Laboratory.

A summary of the work done in this department is given below. This shows that two-thirds of the examinations done were for the Emergency Hospital Section and only the most essential work has been possible.

**BLOOD:** Counts of red and white corpuscles 911; Estimations of hæmoglobin 318; Agglutinations of enteric-dysentery food poisoning organisms 390; Kahn precipitation tests 350; Sugar estimations 118; Urea estimations 34; Groupings and matchings 58; Bleeding and coagulation time, reticulocyte and platelet counts, sedimentation rate, fragility of red corpuscles, etc., 365; search for malarial parasites 113; Corpuscular volume 167; other examinations 252.

**CEREBRO-SPINAL FLUID:** Culture for organisms 21; Cytological and microscopical examinations 91; Chemical examinations 97; Kahn tests 19; Lange Goldsol curves 20; other examinations 1.

**THROAT SWABS, ETC.:** Microscopical and cultural examinations 290.

**FÆCES:** Cultural examinations 510; Microscopical examinations 192; Chemical examinations 93; Presence of worms 17; estimation of fat content 3.

**GASTRIC JUICE:** Estimations of acids 440; Chemical examinations 1265; Other examinations 10.

**SPUTUM:** Microscopical examinations for T.B., etc., 420.

**PUS AND OTHER BODY FLUIDS:** Cultural and microscopical examinations 187.

**URINE:** Cultural examinations 36; Microscopical examinations 437; Sugar estimations 153; Urea estimations 11; Chemical examinations 2334.

**WATER:** Bacterial examinations 19.

**MISCELLANEOUS:** Including Glucose tolerance tests, vaccines, sections, examinations of hairs, etc., 121.

Examinations performed ...	...	3237	...	Mental
„ „ „	...	6628	...	E.H.S.
		<hr/>		
		9865	...	Total
		<hr/>		

#### Dental Department.

Mr. G. Sambrooke Sturgess, L.D.S., pays weekly visits to the Hospital and deals with cases submitted for treatment. The following is a list of the work undertaken in this section:—

				Patients			
				Staff	M.	F.	T.
Number of cases examined ...	...	16	177	202	395		
„ „ „ treated ...	...	14	137	133	284		
„ „ Extractions, L.A. ...	...	17	188	84	289		
„ „ Extractions G.A. ...	...	—	23	—	23		
„ „ Admins. G.A. ...	...	—	1	—	1		
„ „ S. & P. ...	...	—	3	8	11		
„ „ Dentures ...	...	4	12	5	21		



**Out-Patient Clinic.**

The Out-Patient Clinic is still held at the Norfolk and Norwich Hospital, and, in addition, a number of cases are seen at this Hospital. Particulars of the cases attending the Clinic during the year are as follows:—

		M.	F.	Total.
Number of Patients treated	... ..	34	46	80
Number of Attendances	... ..	72	107	179

The number of cases treated during the year was 70.2% higher than in the year 1939.

Of the cases treated at the Clinic 4 males and 10 females were subsequently admitted here as Voluntary patients.

To cope with this increase in the work, the services of a Psychiatric Worker would be of very great assistance.

**Occupational Therapy.**

Although restricted by the small supplies of materials now available, much useful and interesting work continues to be done in the Arts and Crafts Section, approximately 10 male and 80 female patients being employed daily. The daily average number of patients usefully employed in all sections of the hospital was 60% of the men and 67% of the women.

**Entertainment.**

The weekly cinema show continues to be the most popular form of entertainment and during the latter part of the year frequent Concerts were given by local artists and added to the entertainment of the patients. In addition, trips by motor coach to local seaside resorts were arranged in the autumn and were much enjoyed by the some three-hundred patients who were able to go. Occasional Whist Drives were also organised for the patients.

**Visit of the Commissioners of the Board of Control. Books and Periodicals.**

Two Commissioners of the Board of Control visited the Hospital on the 4th and 5th June, 1945.

We continue to be indebted to the British Red Cross and Order of St. John Hospital Library for gifts of books and periodicals. Patients attend at the Central Library and select their own books on the open access principle.

**Staff.**

Dr. Connell, who had served this Hospital as Medical Superintendent for 24 years was granted leave of absence on 1st October, 1945 and retired on the 31st March, 1946. At a representative gathering, acknowledgement of his long service was made by presentations from Patients and Staff who expressed their good wishes for his health and happiness in retirement. I must record here his kindness to all who worked under him and his encouragement in all our work.

The following retirement on Superannuation took place:—

Edward Frank Webb, Nursing Assistant, after 27 years' service.

During the year, two Female Nurses passed the Final Examination of the Royal Medico-Psychological Association. At the end of the year 45 Male and 18 Female Nurses held the Final Certificate, in addition to 7 Male and 10 Female Nurses who have passed the Preliminary Examination.



Dr. D. G. Colville, was appointed as Temporary Assistant Medical Officer in November, 1945.

The conduct of the Staff throughout the Hospital has been very satisfactory.

Shortage of Female staff during the year was at times acute and very heavy demands were made on those available. Special thanks are due to those members of the staff who, by their readiness to do extra duty, made it possible to carry on the work of the hospital.

**Emergency  
Hospital  
Section.**

The work of this section continued to be heavy, although in July the number of beds was reduced from 250 to 145 and the figures below give some idea of the volume of work carried out during the year :—

Numbers resident on 1st January, 1945	...	...	...	108
Number of Admissions during the year 1945	...	...	...	1848
Number of Patients resident on 31st December, 1945	...	...	...	117

To my medical colleagues, to the Consulting Staff and to the Officers and Staff of both sections of the hospital I tender my sincere thanks for their support and co-operation.

In conclusion, I thank the members of the Committee for their confidence and for the help and encouragement they have given me.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

W. J. McCULLEY,

*Medical Superintendent.*

30th June, 1946.



# REPORT OF THE COMMISSIONERS of the BOARD OF CONTROL

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NORFOLK MENTAL HOSPITAL,  
ST. ANDREW'S, THORPE,  
*June 5th, 1945.*

We visited the hospital and saw the patients yesterday and to-day. Now that the war in Europe is ended we should like to congratulate all concerned on the success with which they have faced the dangers and difficulties of the past  $5\frac{1}{2}$  years.

The dangers fortunately did not end in anything serious. There were explosions of land mines on both sides of the hospital, showers of incendiary bombs around, and the passage overhead of flying bombs and rockets. But nothing landed on the hospital and the worst of the damage was broken windows. Nevertheless these were times of strain and anxiety for officers and staff, happily now over.

The difficulties on the other hand, remain and are very evident, the most formidable being overcrowding and shortage of staff. According to the figures supplied to us, there are deficiencies of accommodation by day for 103 males and 126 females, and by night for 93 males and 114 females. In practice, the overcrowding is serious. In some wards which we visited, bed after bed was separated from the next only by a space which could be spanned by one hand. The admission wards both for men and for women are much overcrowded, an uncomfortable state of affairs for those who need the best that the hospital can give, to help towards recovery. The wards in which most of the "gastric influenza" cases were to-day, are so overcrowded that proper nursing for infection is impossible. During the years of the European war we did not lay stress on the lack of space, because there were many more urgent problems. Now we hope that the needs of the patients suffering from mental disorder will be taken into account along with the needs of others for whom beds may be wanted. We are glad to hear that a beginning has been made by the release of 100 beds from the E.M.S. service; these have not yet been taken back into mental hospital use.

The shortage of staff is most serious, as regards female nurses. The number of male nurses is 63—one less than at last visit (with 11 on night duty)—but though the total is low, Dr. Connell hopes for the return of some of the former male nurses before very long. The number of female nurses has again fallen, and there are now only 60 (with 13 on night duty) as compared with 78 last year and 107 in peace-time. Holidays and annual leave are given in full because they are regarded as necessary, and we understand that the daily work is such that it is not thought wise to add over-time work, to what is ordinarily done. Many of the staff are married and go on leave when their husbands return. The effect of these and other factors is that on the first day of our visit there were only 22 female nurses on duty in the wards; sometimes the number is lower. There were 642 female patients to be cared for. We do not think that it will



be possible to carry on indefinitely, with so few nurses. We understand that many efforts have been made to find probationers, that there is no prospect of any from the local Labour Exchange, and that an advertisement did not produce so much as one reply. In writing this it will be understood that we have no intention of criticising the allocation of labour, which is of course outside our sphere of work. We have, however, thought it wise to set out the facts so far as we see them.

In spite of the difficulties, the wards generally were in good order and well kept. Redecoration is needed in many places. The removal of black-out paint is brightening the hospital.

There are a number of points which will doubtless have attention when circumstances allow, such as the provision of means for heating plates (now available in some of the wards only), and the improvement of the hot water supply to hand basins, the present mingler system being unsatisfactory because the water first drawn in the morning, and sometimes that drawn later in the day, is too hot to use. Then trolleys for the transport of food could well replace the awkward tins now carried by hand. That trolleys could be used is shown by the use of a trolley to take books to the wards. Nursing would be facilitated by the provision of more hand basins with hot and cold water, in addition to the repair of the system already in use, as mentioned above.

We realise that much of this is under consideration, as is the clothing, at present restricted by the supply situation. The bedding which we saw was well cared for and clean, and the spring mattresses made before the war are appreciated. We discussed with Dr. Connell the possibility of providing more feather pillows for the sick and infirm.

Conditions with regard to the occupation of patients remain much as they were; we should like to see a development of occupation therapy when times allow. On the female side 65% of the patients were returned to us as employed, while on the male side the corresponding figure was only 59%. Out of a total of 245 men who are occupied, no less than 102 are ward workers only. Fifteen women do handicrafts, but apart from a little brick-making, there are no handicrafts provided for men.

Recreations are continued. There is still difficulty in getting books. The number of patients on parole within the estate is 65 men and 114 women; the number beyond is 25 men and 4 women.

The diet is full and varied. We tasted a well-cooked mid-day meal. A second course is always given for dinner and in addition to tea at 5 p.m. there is a supper meal 2 hours later at which a hot drink and a dish such as baked potatoes and dripping or tinned meat is served. We were pleased to hear that a weekly ration of 2 ounces of sweets is given to each patient, in addition to the sweets which are on sale in the canteen.

In the laundry the safety guard on the callender is defective in that it does not bring the rollers completely to rest when operated. We feel certain that Dr. Connell will take steps to have this remedied. In addition a small pin



might be fitted to the bracket which supports the safety device, to prevent it being lifted out of its socket. We should like to suggest the provision, when possible, of a fixed hand basin in the foul laundry. There is at present a portable wash-stand but there is no towel rail, and the hand towel provided is apt therefore to be left lying about.

The mortality rate for the year ended 31st December, 1944, was 4.3%. This compares favourably with the mean death rate of 6.9% for all mental hospitals in England and Wales during the same period.

In 1944 there were 47 deaths (21 men and 26 women). Post-mortem examinations were held in 19 instances. The actual causes of death call for no special comment except that 3 patients died from tuberculosis. Since the last visit on behalf of our Board, inquests have been held on 2 patients who committed suicide. The circumstances in both cases were reported to our Board. In one case the patient took poison before admission.

In the period under review there have been 15 more or less serious casualties involving fractures of bone, 2 dislocations and 1 case of extensive burns—the last sustained accidentally while on leave at home. Infectious diseases have not been serious. There were 5 new instances of tuberculosis (1 male and 4 female)—2 patients of each sex are now under treatment. Female patients are treated in the open air but because of shortage of accommodation the active male cases are nursed indoors. Two patients had erysipelas, while 2 male and 8 female patients had dysentery. In the past, so many have had dysentery that the use of the caution card was given up for them, because it was thought that such a number would be on card, as to make the precautions unworkable. In the meantime the stools of old cases are tested from time to time and no carriers have been found. There are at present 13 female carriers of paratyphoid fever under care here; there were no new cases last year, or this. Early in this year 17 patients had influenza.

There is at present an outbreak of what is called for want of a more precise name, "Gastric influenza." The symptoms are exhaustion, abdominal pain, diarrhoea and vomiting, with little or no rise of temperature, and the illness is soon over, leaving the patient rather debilitated. Many specimens have been examined with no discovery of the organisms causing the outbreak. Two female nurses have been infected, and to-day about 40 cases in ward 6, and 19 in ward 3, with a few in ward 5, were under treatment. We have already discussed the difficulties of nursing. All the patients are females.

Much work is done in the laboratory for this hospital and for the E.M.S. We think that the testing of the effluent of the hydro-extractor from time to time, would be useful in controlling infection.

Coming now to the patients themselves, we found them on the whole on good terms with those in charge of them. Only two private interviews were requested, though we talked with many, both men and women. The general level of care was very good in view of the shortage of staff and the overcrowding, and those in bed were, we thought, well nursed.



The number on the books is 1069, and those in residence are 1066, of whom 424 are males and 642 females. The classification is:—Voluntary 137; Temporary 0; Certified 929.

During 1944 there were 255 direct admissions and the number of those who departed or were discharged was 192, of whom 107 had recovered.

The maintenance rate is 35/- per week per head.

Dr. Connell holds a fortnightly out-patient Clinic at the Norfolk and Norwich Hospital. Some cases are seen in the interval, at Thorpe, while others attend by appointment for treatment by means of electric convulsions. The work continues to expand.

Dr. Connell has the assistance of Dr. W. J. McCulley and Dr. A. J. F. Crossley. During our talks with them and our visits to the wards we formed the opinion that the medical care of patients is painstaking and considerate.

ISABEL G. H. WILSON.

R. G. ANDERSON.

*Commissioners of the Board of Control.*

TABLE I.

*Showing the Admissions, Re-admissions, Discharges and Deaths during the year ending 31st December, 1945.*

	Male.	Female	Total.	Male.	Female	Total.
In the Hospital, 1st January, 1945 ...				418	668	1086
<i>Cases Admitted.</i>						
First Admissions ...	62	77	139			
Not First Admissions ...	21	75	96			
Total Cases admitted during the year ...				83	152	235
Total Cases under care during the year...				501	820	1321
<i>Cases Discharged.</i>						
Recovered ...	25	87	112			
Relieved ...	18	45	63			
Not Improved ...	6	5	11			
Transferred to other Hospitals ...	2	3	5			
Died ...	26	31	57			
Total Cases discharged and died during the year ...				77	171	248
Remaining in the Hospital, 31st Dec., 1945				424	649	1073
Average number resident during year ...				421	646	1067
Persons under care during the year ...				500	810	1310
Persons Admitted ...				83	152	235
Persons Recovered ...				25	87	112
Transferred to this Hospital ...				4	3	7
Transferred from this Hospital ...				2	3	5







TABLE III.

Showing the Causes, Ages, and Post-Mortem Examinations in the Deaths during 1945.

PRINCIPAL CAUSE OF DEATH (One Cause Only).	NUMBER OF DEATHS.														No. of P.M. Examinations.	
	AGES.															
	Total.															
	Under 16		16-19		20-24		25-34		35-44		45-54		55-64			65 and over
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
INFECTIOUS DISEASES—																
Paratyphoid Fevers ... ..																
Influenza ... ..																
GENERAL DISEASES—																
Tuberculosis ... ..																
Cancer and other Tumours ... ..																
Grave's Disease ... ..																
Diabetes ... ..																
NERVOUS SYSTEM—																
Diseases of the Spinal Cord ... ..																
Cerebral Hæmorrhage, Apoplexy, etc. ... ..																
General Paralysis of the Insane ... ..																
Other Diseases of the Nervous System ... ..																
Epilepsy ... ..																
CIRCULATORY SYSTEM—																
Heart Disease ... ..																
Myocarditis ... ..																
Diseases of the Coronary Arteries ... ..																
Arterio Sclerosis ... ..																
Gangrene ... ..																
Other Diseases of Circulatory System ... ..																
RESPIRATORY SYSTEM—																
Bronchitis ... ..																
Pneumonia ... ..																
Hypostatic Congestion of the Lung ... ..																
Other Diseases of the Respiratory System ... ..																
DISEASES OF THE DIGESTIVE SYSTEM—																
Ulcer of Duodenum ... ..																
Intestinal Obstruction ... ..																
Peritonitis ... ..																
NON-VENEREAL DISEASES OF THE GENITO- URINARY SYSTEM AND ANNEXA—																
Chronic Nephritis ... ..																
Other Diseases of Kidney and Annexa ... ..																
DEATHS BY VIOLENCE—																
Cut Throat ... ..																
Decapitation ... ..																
Totals ... ..																



TABLE V.

*Causes and Associated Factors of Insanity in direct Admissions during 1945.*

LIST OF CAUSES.				Principal Cause, One Cause only in the case of each Patient.		Contributory or Associated Factor.	
				M.	F.	M.	F.
A. Heredity:							
1. Insane Heredity	...	...	...	23	28	8	6
2. Epileptic Heredity	...	...	...	1	...	1	6
3. Neurotic Heredity	...	...	...	1	3	3	4
4. Eccentricity	...	...	...	...	...	1	...
5. Alcoholism	...	...	...	...	...	1	1
B. Mental Instability:							
1. Moral Deficiency	...	...	...	...	...	...	...
2. Congenital Deficiency	...	...	...	...	...	...	9
3. Eccentricity	...	...	...	...	1	4	...
C. Deprivation of Special Sense:							
1. Smell and Taste	...	...	...	...	...	...	...
2. Hearing	...	...	...	...	...	...	...
3. Sight	...	...	...	...	...	...	...
D. Critical Periods:							
1. Puberty and Adolescence	...	...	...	...	1	2	...
2. Climacteric	...	...	...	...	21	...	12
3. Senility	...	...	...	6	16	4	6
E. Child Bearing:							
1. Pregnancy	...	...	...	...	1	...	...
2. Puerperal State	...	...	...	...	6	...	3
3. Lactation	...	...	...	...	1	...	3
F. Mental Stress:							
1. Sudden ditto	...	...	...	1	2	1	5
2. Prolonged ditto	...	...	...	9	13	11	29
G. Physiological Defects:							
1. Malnutrition, Rickets	...	...	...	...	...	...	...
2. Privation and Starvation	...	...	...	...	...	...	...
3. Over Exertion	...	...	...	...	...	...	...
4. Masturbation	...	...	...	...	...	...	...
5. Sexual Excess	...	...	...	...	...	...	...
H. Toxic:							
1. Alcohol	...	...	...	...	1	...	...
2. Drug Habit	...	...	...	...	...	...	...
3. Lead and other Poisons	...	...	...	...	...	...	...
4. Tuberculosis	...	...	...	...	1	1	...
5. Influenza	...	...	...	2	...	1	2
6. Puerperal Sepsis	...	...	...	...	...	...	...
7. Specific Fevers	...	...	...	...	...	...	...
8. Syphilis Acquired	...	...	...	1	1	...	1
9. Syphilis Congenital	...	...	...	...	...	...	...
10. Other Toxins	...	...	...	...	...	...	...
I. Traumatic:							
1. Injuries	...	...	...	...	...	2	...
2. Operations	...	...	...	...	...	1	2
3. Sunstroke	...	...	...	1	...	...	...
K. Diseases of Nervous System:							
1. Lesions of the Brain	...	...	...	3	7	...	...
2. Ditto, Spinal Cord and Nerves	...	...	...	...	1	...	...
3. Epilepsy	...	...	...	5	4	...	...
4. Other Neuroses	...	...	...	...	...	...	...
5. Ditto in Childhood	...	...	...	...	...	...	...
L. Other Bodily Affections:							
1. Anæmia, &c.	...	...	...	...	...	...	1
2. Arterio Sclerosis	...	...	...	3	...	7	16
3. Valvular Heart Disease	...	...	...	...	...	...	1
4. Respiratory ditto	...	...	...	...	...	1	1
5. Gastro-intestinal ditto	...	...	...	1	...	...	...
6. Renal and Vesical ditto	...	...	...	...	...	...	...
7. Generative System ditto	...	...	...	...	...	...	1
8. Others, Diabetes, &c.	...	...	...	1	...	...	1
Total				55	108	52	110

Direct Admissions—Male 79, Female 149, Total 228.

Instances in which no Principal Factor could with certainty be assigned, but in which one or more factors were ascertained, and returned as Contributory or Associated ...

No Factor Assignable, notwithstanding full history and observation ...

No Factor Ascertained, history defective ...

SYMBOLS.	M.	F.
M	21	37
N	...	1
O	3	3

ST. ANDREW'S HOSPITAL  
THORPE, NORWICH

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STATEMENT OF ACCOUNTS  
AND  
BALANCE SHEET

For the Year ended 31st March, 1946

(SUBJECT TO AUDIT)



## INCOME AND EXPENDITURE ACCOUNT—

## EXPENDITURE.

	£	s.	d.	£	s.	d.
1. SALARIES AND WAGES—including deductions from or payments out of salaries or wages in respect of Superannuation, and employees' contributions in respect of National Health and Pensions and Unemployment Insurance—						
(a) Medical Staff ... ..	3214	4	2			
(b) Nursing Staff ... ..	27204	7	4			
(c) Other Staff—excluding Laundry and Farm and Garden Staff ... ..	13995	0	0½			
(d) Visiting Committee's or Local Authority's Contributions to Superannuation Fund (if any) ... ..	—	—	—			
(e) Superannuation Allowances, etc., under the Asylums Officers' Superannuation Act, 1909 ... ..	6753	16	6			
(f) Employer's contributions in respect of National Health and Pensions and Unemployment Insurance	541	6	7			
				51708	14	7½
2. PROVISIONS (including Farm and Garden Supplies) for Patients and Staff ... ..	23492	9	1			
3. CLOTHING :—						
(a) Patients ... ..	2844	6	1			
(b) Staff ... ..	196	6	11			
4. DRUGS AND MEDICAL AND SURGICAL APPLIANCES ... ..	1350	16	11			
5. FUEL, LIGHT, WATER AND LAUNDRY ... ..	13872	14	2			
6. DOMESTIC RENEWALS, REPAIRS, AND ADDITIONS (Furniture, etc.) ... ..	3252	19	7			
7. AMBULANCE AND OTHER TRANSPORT ... ..	180	14	3			
8. RENT, RATES, TAXES AND INSURANCE ... ..	5043	8	0			
9. FUNERAL AND REMOVAL EXPENSES AND ALLOWANCES ... ..	1254	2	6			
				51487	17	6
10. MISCELLANEOUS :—						
(a) Printing, Stationery, Advertising, Postages, etc. ... ..	989	6	3½			
(b) Sundries ... ..	2404	4	9½			
				3393	11	1
Carried forward ... ..				106590	3	2½

# MAINTENANCE ACCOUNT, 1945-46

## INCOME.

	£	s.	d.	£	s.	d.
1. MAINTENANCE OF PATIENTS :—						
(a) Contributory Counties or Boroughs ... ..	91319	0	0			
(b) Non-Contributory Counties or Boroughs ... ..	2713	12	0			
(c) Contributory Counties or Boroughs—under Sec. 269 (9) of the Lunacy Act, 1890, in respect of accommoda- tion at other Hospitals ... ..	—	—	—			
(d) Non-Contributory Boroughs—under s. 23 of the Poor Law Amendment Act, 1867, for excess of weekly charge above ordinary rate ... ..	—	—	—			
(e) Other Mental Hospitals—for patients received under contract or arrangement ... ..	—	—	—			
(f) Private Patients ... ..	—	—	—			
(g) Service and ex-Service Patients ... ..	4245	14	3			
(h) Criminal Patients ... ..	—	—	—			
	—	—	—	98278	6	3
2. FUNERAL AND REMOVAL EXPENSES AND ALLOWANCES :—						
(a) Contributory Counties or Boroughs ... ..	824	18	0			
(b) Non-Contributory Counties or Boroughs ... ..	13	17	6			
(c) Other Mental Hospitals ... ..	—	—	—			
(d) Private Patients ... ..	—	—	—			
(e) Service and ex-Service Patients ... ..	427	4	0			
(f) Criminal Patients ... ..	—	—	—			
	—	—	—	1265	19	6
3. SUPERANNUATION, UNDER THE ASYLUMS OFFICERS' SUPER- ANNUATION ACT, 1909 :—						
(a) Contributions from Staff ... ..	1296	4	1			
(b) Proportionate parts from other Mental Hospitals ...	59	18	4			
	—	—	—	1356	2	5
4. STAFF :—						
Deductions from salaries or wages for Board, Lodging, Washing and Uniform—i.e., where gross figures are shown as Expenditure ... ..	—	—	—			
5. SALES :—						
(a) Officers and others for goods purchased from Stores ...	431	12	6			
(b) Sundry Sales ... ..	20	11	6			
	—	—	—	452	3	6
Carried forward ... ..				101352	11	8



## Income and Expenditure Account—

## EXPENDITURE.

	£	s.	d.	£	s.	d.
Brought forward ... ..				106590	3	2½
11. SPECIAL EXPENDITURE :—						
(a) Expenditure in connection with Clinics within or outside the Hospital ... ..	15	0	0			
(b) Air Raid Precautions ... ..	97	5	2			
(c) Emergency Hospital Service ... ..	9315	3	8			
				<u>9427</u>	8	10
TOTAL EXPENDITURE ... ..				116017	12	0½
12. FARM AND GARDEN ACCOUNT :—						
Deficit on Farm and Garden Account ... ..				—	—	—
13. TRANSFERS to Building and Repairs Fund Account :—						
Excess of Weekly Charge on out-County and other patients				782	8	2
TOTAL EXPENDITURE AND TRANSFERS ...				<u>116800</u>	0	2½
EXCESS of Income over Expenditure for year carried to Balance Sheet ... ..				7444	2	2½
				<u>124244</u>	2	5

## Maintenance Account—continued.

INCOME.						£	s.	d.	£	s.	d.
Brought forward	...	...	...	...	...				101352	11	8
6. SUNDRY INCOME, specifying same :—											
(a) Contributions from Local Authorities in connection with Clinics within or outside the Hospital (Mental Treatment Act, 1930)	...	...	...	...	...	30	0	0			
(b) Bank Interest	...	...	...	...	...	276	3	3			
(c) Miscellaneous Receipts	...	...	...	...	...	48	14	5			
(d) Emergency Hospital Scheme (on account)	...	...	...	...	...	20000	0	0			
(e) Ministry of Health (Nursing Staff Salary Increases)	...	...	...	...	...	1026	0	0			
									21380	17	8
TOTAL INCOME	...	...	...	...	...				122733	9	4
7. FARM AND GARDEN ACCOUNT :—											
Surplus on Farm and Garden Account	...	...	...	...	...				1510	13	1
8. TRANSFERS from Building and Repairs Fund Account	...	...	...	...	...				—	—	—
TOTAL INCOME AND TRANSFERS	...	...	...	...	...				124244	2	5
EXCESS of Expenditure over Income for year carried to Balance Sheet	...	...	...	...	...				—	—	—
									124244	2	5



## INCOME AND EXPENDITURE ACCOUNT—

## EXPENDITURE.

	£	s.	d.	£	s.	d.
1. NEW BUILDINGS, EXTRAORDINARY OUTLAY, STRUCTURAL ADDITIONS AND IMPROVEMENTS :—						
(a) New Buildings and Extraordinary Outlay ...	—	—	—			
(b) Additions, Alterations and Improvements (under £400)	—	—	—			
2. RENEWALS, REPAIRS AND PAINTING :—						
(a) Salaries and Wages—including deductions from or payments out of salaries or wages in respect of Superannuation and employees' contributions in respect of National Health and Pensions and Unemployment Insurance ...	4757	6	3			
(b) Materials, Carriage, etc. ...	2511	15	5			
				7269	1	8
3. OTHER EXPENDITURE :—						
(a) Visiting Committee's or Local Authority's contributions to Superannuation Fund (if any) ...	—	—	—			
(b) Superannuation Allowances, etc., under the Asylums Officers' Superannuation Act, 1909, or earlier Acts	1451	18	7			
(c) Employer's contributions in respect of National Health and Pensions and Unemployment Insurance ...	100	15	8			
(d) Rent, Rates, Taxes and Insurance ...	975	7	5			
(e) Air Raid Precautions ...	288	16	11			
(f) Emergency Hospital Section ...	120	14	6			
(g) Emergency Hospital (Re-instatement) ...	24	3	4			
				2961	16	5
TOTAL EXPENDITURE ...				10,230	18	1
5. TRANSFERS to Maintenance Account ...	—	—	—			
TOTAL EXPENDITURE AND TRANSFERS ...				10,230	18	1
EXCESS of Income over Expenditure for year carried to Balance Sheet ...						
				10,230	18	1

## BUILDING AND REPAIRS FUND ACCOUNT, 1945-46

INCOME.		£	s.	d.	£	s.	d.
1.	INCOME from the Contributory Counties or Boroughs, on account of:—						
	(a) New Buildings, Extraordinary Outlay ...	—	—	—			
	(b) Additions, Alterations and Improvements (under £400) ...	—	—	—			
	(c) Renewals, Repairs, Painting and other Expenditure ...	8000	0	0			
					8000	0	0
2.	INCOME from other Local Authorities, specifying same:—						
	(a) ... ..	—	—	—			
	(b) ... ..	—	—	—			
3.	SUPERANNUATION, UNDER THE ASYLUMS OFFICERS' SUPER-ANNUATION ACT, 1909:—						
	(a) Contributions from Staff ... ..	154	12	4			
	(b) Proportionate parts from other Mental Hospitals ...	—	—	—			
					154	12	4
4.	STAFF:—						
	Deductions from salaries or wages for Board, Lodging, Washing and Uniform—i.e., where gross figures are shown as Expenditure ... ..						
5.	SALES:—						
	(a) Scrap Metal and Old Stores ... ..	—	—	—			
	(b) Other Sundry Sales ... ..	—	—	—			
6.	SUNDRY INCOME, specifying same:—						
	(a) Cottage Rents ... ..	204	16	6			
	(b) Weighbridge Receipts ... ..		13	0			
	(c) Other Receipts ... ..	108	6	9			
					313	16	3
	TOTAL INCOME ... ..				8468	8	7
7.	TRANSFERS from Maintenance Account:—						
	Excess of Weekly Charge on out-County and other patients	782	8	2			
					782	8	2
	TOTAL INCOME AND TRANSFERS ... ..				9250	16	9
	EXCESS of Expenditure over Income for year carried to Balance Sheet ... ..				980	1	4
					10230	18	1



## FARM AND GARDEN

## EXPENDITURE.

	£	s.	d.	£	s.	d.
1. SALARIES AND WAGES—including deductions from or payments out of salaries or wages in respect of Superannuation, and employees' contributions in respect of National Health and Pensions and Unemployment Insurance ... ..	2519	9	8			
2. PROVENDER ... ..	1482	16	2			
3. SEEDS AND MANURES ... ..	1038	0	9			
4. STOCK (Live and Dead) bought ... ..	3874	13	11			
5. RENT, RATES, TAXES AND INSURANCE, including Employer's contributions in respect of National Health and Pensions and Unemployment Insurance ... ..	28	18	7			
5A. Employer's Contributions, National Health, etc., Insurance Acts ... ..	16	10	5			
6. SUNDRIES ... ..	343	16	0			
				9304	5	6
7. STOCK ADJUSTMENT ACCOUNT:—	£	s.	d.			
Value of Stock at beginning of year	4203	1	4			
Value of Stock at end of year ...	5198	1	6			
Deduct Increase in value of Stock ... ..				995	0	2
TOTAL EXPENDITURE ... ..				8309	5	4
SURPLUS on Farm and Garden Account for year transferred to general Maintenance Account ... ..				1510	13	1
				9819	18	5

## ACCOUNT, 1945-46

## INCOME.

			£	s.	d.	£	s.	d.
1. VALUE OF PRODUCE, ETC., supplied to the Hospital during the year.—								
1. Beef, Mutton, Pork, etc.	...	...	3549	14	3			
2. Poultry and Eggs	...	...	14	12	6			
3. Milk, Butter and Cheese	...	...	2717	5	9			
4. Vegetables and Fruit	...	...	2454	9	6			
5. Other Items	...	...	—	—	—			
							8736	2 0
2. SALES	...	...					708	3 1
3. SUNDRY INCOME, specifying same :—								
(a) Potatoe Acreage Subsidy	...	...	360	0	0			
(b) Rent of Defence Works	...	...	11	0	0			
(c) W.C.A. Insurance Claim	...	...	4	13	4			
							375	13 4
TOTAL INCOME	...	...					9819	18 5

DEFICIT on Farm and Garden Account for year transferred to  
general Maintenance Account

— — —  
9819 18 5



## BALANCE SHEET

## LIABILITIES.

	Building Account. £ s. d.	Maintenance Account. £ s. d.	Total. £ s. d.
SUNDRY CREDITORS :—			
Invoice Account—Tradesmen and Others ...	705 6 3	8502 14 9	9208 1 0
Salaries, Wages and Superannuation Account	108 15 6	582 0 4	690 15 10
INCOME AND EXPENDITURE ACCOUNTS :—			
MAINTENANCE ACCOUNT :—			
Balance, 1st April, 1945 ...		63357 18 11	
Add Excess of Income over Expenditure for year ended 31st March, 1946 ...		7444 2 2½	
		<hr/>	70802 1 1½
BUILDING AND REPAIRS FUND ACCOUNT :—			
Balance, 1st April, 1945 ...	3176 3 8		
Deduct Excess of Expenditure over Income for year ended 31st March, 1946 ...	980 1 4		
		<hr/>	2196 2 4
			<hr/>
			82897 0 3½

as at 31st March, 1946

## ASSETS.

	Building Account.			Maintenance Account.			Total.		
	£	s.	d.	£	s.	d.	£	s.	d.
SUNDRY DEBTORS :—									
Local Authorities and Others, for maintenance, etc., of patients ... ..				25839	11	2	25839	11	2
Local Authorities, for Building and Repairs Fund Charges ... ..	—	—	—	—	—	—			
Other Sundry Debtors, specifying accounts :—									
Sales from Stores ... ..		9	0	111	12	5	112	1	5
Superannuation—Proportionate parts due from other Mental Hospitals ... ..				40	8	8	40	8	8
STOCKS OF MATERIALS in hand :—									
1. Provisions ... ..				2636	16	2			
2. Clothing (Patients) ... ..				3138	8	10			
3. Clothing (Staff) ... ..				360	1	4			
4. Fuel, Light, etc. ... ..				1599	9	6			
5. Domestic Renewals, Furniture, etc. ... ..				2986	11	7			
6. Farm and Garden ... ..				5198	1	6			
							15919	8	11
7. Works Department ... ..	1573	12	11				1573	12	11
CASH :—									
In hands of Treasurer ... ..	1177	1	0	36298	5	9	37475	6	9
In hands of Secretary ... ..	259	1	2	1677	9	3½	1936	10	5½
							82897	0	3½



SPECIAL EXPENDITURE :—

TOTAL EXPENDITURE	...	...	...	114763	...	2	1	2.7
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Superannuation Contributions from Staff	...	...	1296	...	5.6
Superannuation Contributions from other Hospitals	...	...	60	...	0.3
Sales from Stores	...	...	452	...	2.0
Bank Interest	...	...	276	...	1.2
Miscellaneous Receipts	...	...	49	...	0.2
Out-Patient Clinic	...	...	30	...	0.1
E.H.S. Scheme	...	...	20000	...	7 2.2
Ministry of Health, Rushcliffe Grant	...	...	1026	...	4.4
Farm and Garden Profit	...	...	1511	...	6.5

NETT EXPENDITURE	...	...	...	£90063	...	£1 12 4.2
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Number of days charged :—389739.







