## Sixty-ninth annual report of the County and City of Worcester Mental Hospital, Powick, for 1921-22, and financial statements.

#### **Contributors**

County and City of Worcester Mental Hospital (Powick)
Pelham Lane, C.
Fenton, H. F.
Ridler, J.
Buggins, P. Laurence.
Longden, Walter J.
Easton, J. H.
Fraser MacLeod, S. J.
Marriott Cooke, E.

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## SIXTY-NINTH

# ANNUAL REPORT

OF THE

County and City of Worcester

## MENTAL HOSPITAL

POWICK.

For 1921-22,

AND

Financial Statements.

KIDDERMINSTER:
PRINTED BY G. T. CHESHIRE & SONS,
VICAR STREET AND MILL STREET.
1922.



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#### Committee of Visitors, 1922-1923.

#### FOR THE COUNTY OF WORCESTER.

- C. PELHAM LANE, Esq. (Chairman), Moundsley Hall, King's Norton.
- J. W. WILLIS BUND, Esq., Shirehall, Worcester.
- VISCOUNT DEERHURST, Pirton Court, Wadborough, Worcester.
- H. E. DIXEY, Esq., M.D., Woodgate, Malvern.
- E. EVANS, Esq., 12, St. Andrews Road, Droitwich.
- W. H. GABB, Esq., Hopton Court, Worcester.
- G. B. GAME, Esq., Barn House, Broadway.
- H. E. PURKIS, Esq., Elmside, Church Road, Malvern Link.
- T. L. WALKER, Esq., The Cedars, Broadwas, near Worcester.
- G. E. WILSON, Esq., Park Hall, Kidderminster.
- H. T. WILLIAMS, Esq., Churchill Court, Kidderminster.

#### FOR THE CITY OF WORCESTER.

SAMUEL SOUTHALL, Esq. (Mayor), Guildhall, Worcester.

MRS. A. M. EDWARDS, Mount Elbury, Worcester.

W. H. KERSHAW, Esq., Bromyard Road, Worcester.

DR. E. WALPOLE SIMMONS, Sidbury, Worcester.

#### Medical Officer and Superintendent.

H. F. FENTON, M.B., Ch.B., Edin.

### Senior Assistant Medical Officer and Deputy Superintendent.

A. R. BOYD, M.B., B.Ch., B.A.O., R.U.I.

#### Second Assistant Medical Officer.

H. ROMER, M.A., M.B., B.Ch., Oxon., M.R.C.S., L.R.C.P., Lond.

Third Assistant Medical Officer. FLORENCE E. INGLIS, M.B., Ch. B., Edin,

Chaplains

Treasurer.

REV. J. RIDLER.

ARTHUR C. CHERRY, Esq.

REV. P. L. BUGGINS (R.C.)

Clerk to the Committee of Visitors.

GEORGE F. S. BROWN, B.A.

Clerk of the Hospital.

Auditor.

W. J. LONGDEN, F.C.I.S. H. A. LEICESTER, A.C.A.

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# Sixty-Ninth Annual Report

OF THE

#### COMMITTEE OF VISITORS

OF THE

## COUNTY AND CITY OF WORCESTER MENTAL HOSPITAL.

Presented to the County Council of the County of Worcester and to the Town Council of the City of Worcester, pursuant to the 190th Section of the Lunacy Act, 1890.

- The following is the Committee's Report on the management of the County and City Mental Hospital, at Powick, for the year ended 31st March, 1922.
- 2.—Several changes in the constitution of the Committee have occurred since the last report, chiefly caused by retirement of members of your respective Councils, but the Committee desire to record their regret at the death of Mr. Simes, who represented the City's interests on the Committee for so many years, and whose services were highly valued by them.
- 3.—Dr. Fenton continues to discharge his duties as Medical Superintendent to the Committee's satisfaction. The 1st Assistant Medical Officer (Dr. Boyd) has been at the Hospital since February last.
- 4.—The usual monthly Meetings and one Special Meeting of the Committee of Visitors, and the bi-monthly Meetings of the House Committee have been held. The following is a Table of attendances:—

Name of Member	Attendances at Meetings of Committee of Visitors	Attendances at House Committee Meetings
C. Pelham Lane, Esq. (Chairman)	13	6
G. E. Wilson, Esq. (Vice-Chairman)	10	5
J. W. Willis Bund, Esq	10	5
Viscount Deerhurst	5	1
H. E. Dixey, Esq., M.D	11	5
W. H. Gabb, Esq	9	3
G. B. Game, Esq	10	4
E. T. Moule, Esq	11	4
H. E. Purkis, Esq	12	6
T. L. Walker, Esq	7	• 4
H. T. Williams, Esq	6	4
Samuel Southall, Esq. (from 1/1/22)	2	1
W. H. Kershaw, Esq	11	5
Mrs. A. M. Edwards (from 1/1/22)	3	2
Dr. E. Walpole Simmons (from 1/3/22)	1	1

The Engineering, Agricultural and other Sub-Committees have met from time to time as required.

- Two Commissioners of the Board of Control visited the Hospital on the 11th June 1921: appended is a copy of their Report.
- 6. The rate of maintenance for patients, chargeable to the County and City Unions has now been reduced to 25/1 per week, viz., as from 1st January 1922, by 1/9 per week, and from 1st April 1922, by a further reduction of 1/2 per week.
- 7. Mr. James Longden, Chief Engineer, resigned his position on the 5th September 1921, owing to ill-health. In consideration of his long and faithful service the Committee added 5 years to his term of service for the purpose of calculating the pension to which he would be entitled under the Asylums Officers Superannuation Act.
- The future water supply of the Hospital is still under consideration.

- 9. Inquests on 5 patients have been held during the year; 4 on patients poisoned accidentally under circumstances of which your Councils are no doubt fully aware, and one who was accidentally suffocated during a fit.
- 10. The Accounts up to the 31st March 1921, have been audited by the District Auditor of the Ministry of Health, and a copy of his report is appended.
- Deputations from the various Boards of Guardians have visited the Hospital from time to time.
- 12. During the year, 23 male and 17 female patients were removed from Powick on termination of Contract with Montgomery Authorities.

An Agreement has been entered into with the Birmingham Authorities to retain 39 female patients in this Hospital under Contract with them, as also an Agreement for the reception of a further 10 female patients.

It has also been agreed to receive 50 patients from Barnsley Hall, owing to the latter institution being overcrowded.

13. The following Table shows the number of patients in the Hospital at the last Meeting of the House Committee in each of the following years:—

		Male	Female	e	Total
March,	1917	 575	 687		1262
,,	1918	 423	 585		1008
,,,	1919	 364	 493		857
,,	1920.	 386	 534		920
,,	1921	 399	 552		951
.,,	1922	 393	 558		951

The numbers for 1917 include 13 from Hereford, 69 from Montgomery, 249 from Birmingham, 37 from Northampton.

Those for 1918 include 13 from Hereford, 54 from Montgomery, 176 from Birmingham, 22 from Northampton.

Those for 1919 include 13 from Hereford, 51 from Montgomery, 154 from Birmingham, 20 from Northampton.

Those for 1920 include 44 from Montgomery, 151 from Birmingham.

Those for 1921 include 41 from Montgomery, 119 from Birmingham, 44 from Oxford.

Those for 1922, include 118 from Birmingham, 74 from Oxford.

The following Reports are appended:-

- (i) Chaplain's Report.
- (ii) R. C. Chaplain's Report.
- (iii) Report of Board of Control.
- (iv) District Auditor's Report.

C. PELHAM LANE,

CHAIRMAN.

29th May, 1922.

# (Schedule I.) CHAPLAIN'S REPORT.

# THE COUNTY AND CITY MENTAL HOSPITAL, POWICK,

WORCESTER.

March 31st, 1922.

To the Committee of Visitors.

MR. CHAIRMAN, MY LORD AND GENTLEMEN,

I have the honour to present my Seventh Annual Report as Chaplain of the Hospital.

The usual daily round of visiting the Wards and Shops has been maintained, and special attention given at all times to the sick and dying. I have been able on several occasions at the request of the Patients to administer Holy Communion when they have been laid aside, and great appreciation has been shown.

The Services have been well attended, and I cannot refrain from pointing out, how reverently and devotionally our Patients enter into the enjoyment of them, resulting I am sure in much spiritual help and encouragement, and contributing either to patiently bearing their affliction, or assisting in their improvement mentally.

Special courses of Sermons have been preached during the Advent and Lenten seasons, and at the Afternoon Service on Christmas Day, our Choir beautifully rendered a number of Carols.

The Holy Communion has been administered once each month for Patients, and twice for the Staff. The total number of Communicants during the year has been 824.

The Service of Thanksgiving for the blessings of Harvest was held on Sunday, October 9th, when the Sermon was preached by the Rev. F. G. Copeland, of Madresfield.

During the year there have been 36 interments in the Cemetery.

The number of books issued from the Library has been 850. A grant from the British Red Cross Society of 200 volumes has helped to replenish our stock, and been much appreciated.

In conclusion, I take the opportunity of again thanking the Superintendent, Officers and Staff for their sympathy and help in my work.

I remain, Gentlemen,

Your obedient Servant,

J. RIDLER,

CHAPLAIN.

## (SCHEDULE II.)

## ROMAN CATHOLIC CHAPLAIN'S REPORT.

STANBROOK PRESBYTERY, WORCESTER.

March 31st, 1922.

To the Chairman and Visiting Committee of the County and City Mental Hospital.

MR. CHAIRMAN AND GENTLEMEN,

I have much pleasure in presenting to you my Report for the past year.

Church Services have been held regularly every Sunday. These have been at the same time as in past years; namely, usually at about 11.30, but on one Sunday in the month, Mass has been said at 8 o'clock. From time to time as many Patients as were fit approached Holy Communion.

Every week I have visited the Wards, and spoken individually to the Patients.

On receiving due notice I have at all times attended the sick, and, if necessary, prepared them for death.

I have received every kindness and help in the discharge of my duties from the Medical Superintendent, the Medical Staff, and other Officials, and I desire to take this occasion to thank them.

I have the honour to be, Gentlemen,

Your obedient Servant,

P. LAURENCE BUGGINS,

ROMAN CATHOLIC CHAPLAIN.

# (SCHEDULE III.). REPORT OF BOARD OF CONTROL.

Worcester Asylum,
Powick,
June 11th, 1921.

The impression left upon us to-day after our visit to this Institution was, that the patients are very comfortable in their surroundings, and that they are treated with tactful consideration by the staff, amongst whom we were pleased to see there is a goodly "leaven" of attendants and nurses who can show some years of service.

The wards are in very good order, the patients are suitably clothed and without complaint as to treatment or diet, the beds and beddings are properly kept and the rooms are throughout well supplied with books, plants and birds. The airing courts, always a feature at this Asylum, were attractive, and in some instances tastefully laid out with flowers.

We to-day saw a dinner of meat, vegetable and pea soup with bread served in the wards, in practically unlimited quantity and of excellent quality. We talked over the question of the possibility of giving greater variation in the diet, and suggested the provision of jam or other similar tart or pudding as a second course on some days during the week. The patients in No. 8 Male Ward are allowed to sit up during the Summer months until 9 p.m., and are given a supper before retiring and Dr. Fenton hopes to extend this practice to the female side. It should be noted, that during the Winter months all patients are provided with supper on entertainment nights, i.e., on the average, twice a week.

The tell-tale clocks throughout the Asylum have been renewed, and covered metal bins have been provided in the wards for foul linen, which is subsequently treated in the laundry in a manner similar to that which has been recommended by our Board.

Since May 18th, 1920, there have been 193 admissions, 36 patients have been allowed out on trial to 6 of whom money allowances were made, 115 have been discharged or removed, 32 on recovery, and 56 have died.

On the Statutory Books there are the names of 944 patients, males 384, females 560, of whom 15 are private, 2 are classed as criminal, and 38 are service patients, who appeared to be suitably cared for, and supervised. The Outcounty patients consist of 80 received from Birmingham, 39 from Rubery Hill Asylum, and 66 from Oxford Asylum. Four patients are on trial—females—leaving in residence and seen by us, 940 patients, males 384, females 556.

One ward on each side is at present unoccupied, and there are vacancies for 145 males and 62 females.

The maintenance charge is for Home Patients 28/-, for Out-county Patients from 29/9 to 30/11.

There is no record of any mechanical restraint, but 51 patients have been secluded on 193 occasions for 522½ hours in all.

The Staff of Attendants and Nurses is as follows at present, but there are several vacancies on the female side:—

Charge Attendants ... 7 Charge Nurses 10
Ordinary Attendants ... 39 Ordinary Nurses 40 for day
and for night duty, 8 Attendants and 10 Nurses.

The Church of England Sunday Services are very well attended, and for those of the Roman Catholic Faith, there is a Sunday Service, a monthly celebration of Mass, and weekly visitation of the Wards. A good proportion of the patients are present at the weekly entertainments, and 31% walk out weekly beyond the estate. A very satisfactory number are employed viz.:—64%.

As our Board are fully cognizant of the circumstances attending the epidemic of Enteric Fever which occurred in the Autumn, all that remains for us to report to-day is, that there has been no fresh case since December; that, in view of the suggested contamination of the water supply, every effort is being made that only water which has been boiled is drunk; that inocculation against enteric is as far as possible being undertaken, and we understand that at the moment the question of the future water supply is before the Committee. We need hardly point out that this is a matter upon which a decision should be reached as speedily as possible.

The Patients generally presented a healthy, well nourished appearance, and except a few who were suffering from phthisis none were acutely ill.

The 56 deaths which have occurred were all due to natural causes, and no inquest has been held.

The casualties which have occurred comprise injuries to the scalp of a man caused by a homicidal attack made by another patient, and 11 fractures of bones, and of the latter, 3 were sustained by blows from or during struggles with fellow patients, 1 during an epileptic fit, and the rest from accidental falls.

The case books and other medical records are carefully written up to date.

(Signed) S. J. FRASER MACLEOD, (Signed) MARRIOTT COOKE.

Commissioners of the Board of Control.

### (SCHEDULE IV.)

## REPORT OF DISTRICT AUDITOR.

## Worcestershire Audit District.

34, Britannia Square,
Worcester.
25th March, 1922.

To the Chairman and Members of the Visiting Committee of the Worcester County and Worcester City Mental Hospital.

GENTLEMEN,

I have to report that I have audited the Accounts of the Committee for the year ended 31st March, 1921.

#### Cash Balances.

The average daily cash balance in the hands of the Treasurer during the year amounted approximately to £3,400, and at 31st March 1921, the balance was £5,195 3s. 10d.

The Committee's Bankers have allowed no interest in regard to these balances. I understand that the reason for this is that the Committee have made no arrangements with their Bankers in regard to the terms upon which the account of the Treasurer is kept.

It seems to me to be very desirable that the Committee should at the earliest possible moment, consider the advisability of making definite and business-like arrangements with the Bankers in regard to the Treasurer's Account.

Interest amounting to £13 12s. 2d. has been allowed to the Committee in respect of a sum of £300, which was placed on special deposit with their Bankers during a portion of the year.

#### Farm and Garden Produce.

It is not the practice to record in the books kept in relation to the Farm and Garden attached to the Hospital, the produce from the Crop of Roots, Corn and Fruit, at the time such crops are gathered, and consequently there is no complete stock account kept of the production and disposal of these crops.

It is stated that the reason the crops in question have not been recorded is the difficulty in ascertaining, with any degree of accuracy, the quantity of the crops.

The produce of the Farm and Garden is very considerable, and it would appear desirable that some attempt should be made to record the quantities of the crops at the time of gathering, and further that a Quarterly Return should be submitted to the Committee showing in a summarised form, the production and disposal of the crops, and also the quantities of the crops remaining in store at the end of each quarter.

Since the close of the audit, I have discussed the matters mentioned in this report with the Chairman of the Committee. I have also mentioned to him other questions which arose at the Audit in connection with the Accounts.

The Accounts of the Committee appeared to me to be well and carefully kept.

I am, Gentlemen,

Your obedient Servant.

J. H. EASTON,

DISTRICT AUDITOR.

## THE SIXTY-NINTH ANNUAL REPORT

OF THE

## Medical Officer and Superintendent.

MR. CHAIRMAN, MY LORD, LADY AND GENTLEMEN,

I have the honour to present the Annual Report for the year ending March 31st, 1922. The Statistical Tables are for the year ending December 31st, 1921. The Financial Accounts, prepared by the Clerk to the Hospital, are appended.

The changes that have occurred among the Patients were as follows:—

Number of	f Pati	ents i	n the	Males.	Females.	Total.
Hospit	al on	Janu	ary 1st,			
1921				369	557	926
Admitted				89	77	166
Discharged				37	50	87
Died				25	29	54
Remaining	in the	Hospi	ital on			
Decem	ber 31:	st, 192	21	396	555	951

These numbers show an increase of 27 males, a decrease of 2 females, total increase 25.

The total number under treatment during the year was 458 males, 634 females, total 1092.

The average daily number resident during the year, was 387 males, 556 females, total 943.

Admissions.—One hundred and sixty-six Patients, 89 males and 77 females, were admitted during the year. Of these, 54 males and 54 females were direct admissions. Thirty-five males and 23 females were transferred from other

Hospitals. Of the direct admissions 56.4 per cent. were first attack cases, 24 per cent. had had a previous attack, 7.4 per cent. were unknown, and 10.1 per cent. were congenital. Of those admitted during the year, 7 have been discharged "recovered." Eighteen have died.

DISCHARGES.—Thirty-seven males and 50 females, total 87, have been discharged during the year. 9 males and 22 females, total 31, were discharged "recovered," being at the rate of 16.6 per cent. for males, and 40.7 per cent. for females, total 28.7 per cent of total recoveries on the Direct Admissions. Twenty-six males and 19 females, total 45, were transferred to other Institutions.

Two males and 9 females were discharged "relieved."

One male and one female were discharged "not insane."

Forty patients who had been maintained here under contract with the Montgomery Lunacy Visiting Committee were, in April, transferred to Talgarth Mental Hospital.

DEATHS.—Twenty-five males and 29 females, total 54, died during the year, being at the rate of 6.4 per cent. for males and 5.2 per cent. for females, giving a total death rate of 5.7 on the daily average number resident.

The chief causes were as follows:—Heart Disease, 37 per cent.; Senile Decay, 18.5 per cent.; Bright's Disease, 14.8 per cent.; Phthisis, 3.7 per cent.

Details of the deaths will be found in Table D 1.

Post-mortem examinations were made in 45 cases, a percentage of 83.3.

PRIVATE PATIENTS.—On January 1st, 1921, there were 42 males and 7 females, total 49, in residence. Nine males, including 8 service patients, and two females were admitted.

Four males, of whom 3 were Service Patients, and one female, were discharged. At the end of the year, there were 47 males and 8 females, total 55. Of the 47 males, 41 were Service Patients.

One male, Criminal Patient, was admitted; he was discharged "Not Insane."

ACCIDENTS.—During the year, five patients, 2 males and 3 females, sustained fractures as follows:—Three of the leg, one of the hip, and one of a rib. Three were caused by accidental falls, one by violence of another patient, and one, that of a leg, during a suicidal impulse. A female patient sustained scalds of the foot and leg caused by her accidentally upsetting a can of tea.

Escapes.—Two males and 2 females escaped. All were soon re-captured, except a female who remained away for 36 hours.

Health.—The health of the Patients has been good. The death-rate from phthisis, 3.7 per cent. for the year under review, again shows a marked reduction, and is the lowest recorded in this Institution for a considerable number of years; it is strong evidence of the improved general health and condition of the Patients. The number of deaths from that disease during the year was 2, as against 9 for 1920, and 47 for 1919. This decrease in the incidence of phthisis is most satisfactory. There were two cases of Enteric Fever, those attacked were an assistant gardener, and a male patient; both recovered. Influenza was prevalent during the months of February and March, and was responsible for the deaths of four patients. There were two cases of Colitis.

BIRTHS.—A patient gave birth to a male child three weeks after her admission.

INQUESTS.—Five inquests were held during the year— On a male patient, an imbecile, who was found dead in bed, death being due to suffocation during an epileptic fit. On four male patients whose deaths were caused by the accidental administration of a preparation of Belladonna, due to an error in dispensing made by a Locum Tenens. A verdict of death by misadventure was returned in each case. The circumstances under which these deaths occurred were fully investigated at the time by the Board of Control, and by your Committee.

Staff during the year. Dr. H. T. Jones, Senior Assistant and Deputy Superintendent, left in June; to the vacancy so caused Dr. H. Hope Scott was appointed in July, he left in September. Dr. A. R. Boyd, who had, for some years, been at Lancaster Asylum, was appointed Senior Assistant and Deputy Superintendent, and entered on his duties on February 1st; during the short time he has held the office he has afforded me every assistance and has displayed efficiency and interest in his work. Dr. Florence E. Inglis was, in September, appointed 3rd Assistant Medical Officer. Several Locum Tenens were engaged during the periods the posts of Senior and 3rd Assistant Medical Officers were vacant.

Mr. James Longden, Resident Engineer, resigned owing to loss of sight, and left in November. He had been in your service for over 20 years. He was a loyal and zealous officer, his good influence and kindly disposition did much for the benefit of the Institution and the Patients. Owing to the cause of his resignation five years were, with the sanction of the Minister of Health, added to his service, thereby entitling him to retire on a pension of £104–4s. 8d. a year. He took with him the good wishes of all. Mr. Thomas Longden was, in November, appointed to the vacant post.

I regret to report the deaths of two members of the Staff—Harry Lee, Water Supply Man, who had been in your service for 23 years, died in May after a short illness due to pneumonia. Emma Oakey, Housemaid, died from kidney disease in September.

The general conduct of the Staff has been, with few exceptions, very good.

I am much indebted to the heads of the various departments for their help and loyal co-operation; they continue to discharge their duties in a praiseworthy manner.

Official Visits.—Two Commissioners of the Board of Control visited the Hospital on June 11th. Their report will be found in Schedule III. Dr. Bond, a Commissioner of the Board of Control visited on September 24th.

Dr. Forward, from the Ministry of Pensions, visited the Service Patients on September 28th.

The Committee, appointed by the Ministry of Health, under Sir Cyril Cobb, to inquire into the administration of Public Mental Hospitals visited here on March 9th, 1922.

The following Boards of Guardians have visited the Hospital:—Worcester, Droitwich, Pershore, Kidderminster, Ledbury, Henley.

GENERAL MATTERS.—The maintenance rate, which up to January had remained at 28/- per week, was on January 1st reduced to 26/3, and on April 1st to 25/1.

The average cost per head per week for the year ending March 31st, 1922, was  $22/6\frac{7}{8}$ .

The Farm Account for the year shows an adverse balance of £89 9s. 7d.

Your Committee have under consideration the important question of obtaining a new supply of water to the Hospital in place of that now taken from Careys Brook, which would then be discontinued except for fire emergency purposes.

It is with deep regret that I have to record the death of Mr. F. A. W. Simes, a valued member of your Committee. In conclusion I desire to express my grateful acknowledgment to your Committee for their kindness and support during the past year.

I am,
Mr. Chairman, My Lord, Lady and Gentlemen,
Your obedient Servant,
H. F. FENTON.

2nd May, 1922.

## STATISTICAL TABLES, 1921,

AND

## FINANCIAL ACCOUNTS

AND

BALANCE SHEET. 1921-22.

TABLE A 1.

General Table, showing the movement of the Hospital Population during the Year 1921.

	CERTIFIED PATIENTS.						
	-M.	F.	T.	М.	F.	T.	
On the Hospital Registers, Jan. 1st, 1921 Total cases admitted during the year	369 89	557 77	926 166				
Total cases under treatment during the year				458	634	1092	
Cases discharged or transferred during the year— Recovered		22 9 18 1 29	31 11 43 2 54				
Total cases discharged, trans- ferred, and died during the year				62	79	141	
On the Hospital Registers, Dec. 31st, 1921				396	555	951	
Average daily number on the Registers during the year				387	556	943	
			M.	F.	T.		
during the ye							

<sup>\*</sup>i.e., separate persons in contradistinction to " cases" which may include the same individual more than once.

657 2225 3883

121 6332 1245

312 347 65

753 643 139

27-0 35-1 31.

12-4 8-4 10-



#### TABLE A 3.

Showing the Admissions and Recoveries of Persons\* from 11th August, 1852, to the present date, 31st December, 1921.

(69.39 years).

. History of Recoveries	The same only omitting all Persons transferred from other Institutions.					
	M.	F.	T.	M.	F.	T.
Persons admitted during the 69.39 years	5238	5237	10475			
Of whom were discharged recovered during the same period, being 29.9 per cent. of Persons admitted	1362	1769	3131			
Of whom were re-admitted relapsed +	345	483	828			
Leaving recovered Persons who have not relapsed	1017	1286	2303			
Relapsed Persons discharged recovered ‡	141	192	333			
Net    recovered Persons being 25.2 per cent. of persons admitted	1158	1478	2636			

<sup>\*</sup>Persons, i.e., separate persons in contradistinction to Cases which may include the same individual more than once.

Re-admission applies only to re-admission into this Hospital.

- † i.e., Persons who have relapsed one or more times.
  - $\updownarrow$  i.e., After last re-admission, if relapsed more than once.

 $<sup>\</sup>parallel i.e.,$  Recovered persons sane at the present time so far as the Hospital statistics show.

This information is not given owing to the impossibility of supplying it with accuracy.

## TABLE C 1.

An Analysis of the Discharges and Transfers during the year 1921 (Voluntary Boarders excluded).

	M.	F.	T.	M.	F.	T.	M.	F.	T.
Discharged as Recovered. From Direct Admissions—									
First-Attack Cases		11	17						
Not First-Attack Cases Cases unknown whether First-	2	9	11					•••	
Attack or not	1		1						
Total from Direct Admissions				9	20	29			
From Transfers—									
First-Attack Cases Not First-Attack Cases			2						
Cases unknown whether First-		•••							
Attack or not									
Total from Transfers					2	2 2			
Not Insane				1	1	2			
Total Discharged as Recovered				10	23	33			
	_		-	_		_	-		_
				Re	lieve	d.		Not	d.
Discharged (not Recovered) as— Relieved	1	8	9	1	8	9			
Not Improved	1 5		- 1						
Total	1	8	9						
		-							
Reasons for such Discharge—			1000						
To go to care of friends Workhouse	1		8		•••			• • • •	
" Metropolitan Asylum (Eng)									
Military Hospital									
To be boarded out Statutory, by irregularity in Re-		•••							
ception Order									
Statutory, by lapsing of Reception Order									
Escape		1	1						
Total	1	8	9						
Transferred as—	,	,	0						
Relieved	1	1	2	1	1	2			
Not Improved	25	18	43	18	•••		25	18	43
Total  Destinations of such Transfers—	26	19	45						
To other Asylums, Registered									
Hospitals, and Licensed Houses	26	19	45						
To "Single Care" Other Destination (specifying		•••			•••			•••	
such)									
Total	26	19	45						
Total Discharged and Transferre									
Relieved				2	9	11			
Not Improved							25	18	43
									_

### TABLE D I.

Showing all the Causes of Death that entered into the Deaths during the year 1921, arranged as Principal, Contributory, and the Totals of these; also the number of occasions each principal Cause of Death was verified by Post-mortem Examination. (Voluntary Boarders excluded).

Names of Causes of Death.	re	Instances when returned as PRINCIPAL.		when returned as fied as Contri-		ned Veri- returned s fied as CONTRI- Inci		Total ncidence.		
I. General Diseases.	М.	É.	Т.		М.	F.	T.	M.	F.	Т.
Tuberculosis of Lung (Phthisis not acute) Acute Phthisis Cancer of Stomach, Liver, &c ,, of Breast	:::	 2 1 1	 2 1	 1 1		1			1 2 1 1	1 2 1 1
II. DISEASES OF NERVOUS SYSTEM AND OF ORGANS OF SPECIAL SENSE. Cerebral Haemorrhage Hemiplegia General Paralysis of the Insane Epilepsy	2	 1	2  1 1	2  1 1	  1	1 1 	1 1  1	2  2	1 1 1 	3 1 1 2
III. DISEASES OF CIRCULATORY  SYSTEM.  Valvular Disease of Heart  Fatty Degeneration of Heart  Hypertrophy of Heart  Cerebral Embolism and Throm- bosis		6 3	16 3 1	13 3 1	1 1 	2	1 3 	11 1 1	6 5 	17 6 1
IV. DISEASES OF RESPIRATORY SYSTEM. Bronchitis Lobar Pneumonia	 I	1 1	1 2	1 2	1	2	3 1	1 2	3	4 3
V. DISEASES OF GENITO-URINARY SYSTEM. Bright's Disease	3	5	8	8		1	1	3	6	9
VI. OLD AGE. Senility	2	8	10	6				2	8	10
VII. External Causes. Asphyxia by suffocation Belladonna Poisoning			1 4	1 4				1 4		1 4
TOTAL	25	29	54	45						

## MAINTENANCE

## Income and Expenditure Account

### EXPENDITURE.

	£ s. d.	1
	£ S. Cl.	£ s. d.
Salaries and Wages (not including items in Farm and		
Garden Account), viz. :—		
Salaries—Gross 4,462 9 7		
Deductions 115 3 3		
	4,347 6 4	
Wages—Gross 20,306 8 0		
Deductions 4,517 18 6		
	15,788 9 6	
		20,135 15 10
Provisions :—		
Purchases and Farm Produce	18,016 0 5	
	9,721 4 11	
Less Supplies from Farm and Garden	0,121 4 11	8,294 15 6
Farm and Cardon (see Page 90)		
Farm and Garden (see Page 32)		11,356 3 6 24 16 7
Wines and Spirits		24 16 7
Clothing:—	0.10# = 0	
For Patients	2,125 5 6	
For Staff	698 18 3	
		2,824 3 9
Necessaries (including Fuel, Lighting and Washing)		7,706 18 10
Surgery and Dispensary		463 1 0
Furniture and Bedding		1,666 16 4
Funeral and Removal Expenses and Allowances		275 7 2
Transfers to the Building and Repairs Fund Account,		
namely :—		
(a) Excess of Weekly Charge on		
0 10 10 11	1,370 0 11	
	352 0 4	
(c) ,, Criminal ,,	13 14 1	1 705 15 4
Advertising Dileting Deltan 8	400 10 1	1,735 15 4
Advertising, Printing, Postages, &c	422 13 4	
Amusements and Music	86 18 4	
Carriage of Goods, &c	48 18 9	
Books and Periodicals	83 11 11	
Rates, Taxes and Insurance	2,887 17 7	
Pensions	1,358 10 3	
Sundries	490 4 4	
		5,378 14 6
Total Expenditure		59,862 8 4
		00,002
Excess of Income over Expenditure for the year,		
carried to Balance Sheet	The same of the sa	11.909 2 5
carried to Dalance Sheet		11,909 2 5
		E1 EE1 10 C
		71,771 10 9

## ACCOUNT.

for the year ended 31st March, 1922.

### INCOME.

***************************************					
Kitchen Sales				£ s. d.	£ s. d.
				158 19 1	
Sundry Sales Farm and Garden Sales		***		246 4 9	
Farm and Garden Sales				1,525 10 0	
117					1,930 13 10
Worcestershire Unions	***			50,117 8 6	
Out-County Unions	***			31 10 0	
County of Worcester				78 12 6	
Treasurers of other Hospitals		***		14,303 17 3	
Private Patients				1,073 15 4	
Service Patients		***	2	3,298 19 7	
Criminal Patients				171 17 1	
					69,076 0 3
Funeral and Removal Expenses an	nd All	owances	:		
County and City Unions				72 10 0	
Treasurers of other Hospitals				16 0 0	
Ministry of Pensions				240 9 8	The second second
					328 19 8
Fines				27 8 1	
Allotment Rents				3 3 0	
Funeral Expenses paid by Friends				10 10 0	
Accident Compensation				38 8 4	
incorded compensation				00 0 1	79 9 5
Rent of Farm Cottages and Land				13 2 7	
Bags, returned empty				38 5 0	
Prize, Madresfield Agricultural Clu	h			3 0 0	
Claim under Corn Production Acts	(Wh	and and	Oato	0 0 0	
0 1001)				302 0 0	
Crop, 1921)				302 0 0	356 7 7
					000 1 1
Total Income					71,771 10 9
Total Income		***			11,111 10 8
			3		
			1		
					71,771 10 9
		-			

## BUILDING AND

## Income and Expenditure Account

## EXPENDITURE.

	£ s. d.	£ s. d.
ORDINARY REPAIRS :		
Iron and Castings Ironmongery Cocks, Valves, Packings, etc. Paints and Oils Tools and Brushes Bricks, Tiles, and Building Materials Wallpaper Glass and Lead Timber and Floor Boards Spouting Galvanized Troughs Filter Sand W.C. Fittings Fire Pump Hose and Fittings Gas Engine Fittings Electric Bell & Telephone Fittings Re-wiring Electric Bell Circuits Farm Gates and Fittings Repairs, Cooking Pans Carriage of Goods Wages, Artizans'— Gross Gross 1,113 19 8 Contributions 27 15 3	119 7 1 52 15 10 98 4 5 48 13 2 45 7 6 30 11 5 31 6 5 296 7 7 31 5 8 17 10 0 24 0 2 21 18 2 8 0 0 5 2 6	
	1,086 4 5	2.279 1 9
Additions, Alterations and Improve- MENTS:— Pumps at Solloways and Hastings Cottages		93 3 8
Other Expenditurf :— Pensions Fire Insurance Taxes	277 12 9 93 16 0 92 17 3	464 6 0
Total Expenditure		2,836 11 5
Income in excess of Expenditure for the year, carried to Balance Sheet		214 17 11
		3,051 9 4

## REPAIRS FUND ACCOUNT.

for the year ended 31st March, 1922.

### INCOME.

Income from the Contributory County and Borough, viz.:—  County Council 1,059 2 0 City Council 132 7 9	£ s. d.
City Council 132 7 9  Other Income :—	1,191 9 9
- Cottage Rents 120 0 0 Sales and Sundry Receipts 4 4 3	124 4 3
Transfers from the Maintenance Account, viz.:—  (a) Excess of Weekly Charge on Out-County Patients (b) ,, Private ,, 352 0 4	
(b) Private 352 0 4 (c) Criminal 13 14 1	1,735 15 4
Total Income	3,051 9 4
	3,051 9 4

## FARM AND GARDEN

## Income and Expenditure Accoun-

## Expenditure.

		1	£ s. d.	∮ s. d.
Labour :—				
Gross Salaries and Wages	***		2,684 6 1	
Deductions			147 4 7	The second secon
				2,537 1 6
Provender :				
Bran and Sharps			440 1 9	
Cake, Cottonseed and Feeding			679 11 0	
Grains			24 5 0	
			158 11 0	
Maize and Germ Meat	***	***	100 11 0	1,302 8 9
				1,502 0 5
Seeds and Manures :			511 19 1	
Seeds			511 13 1	
Manures			486 4 6	
				997 17 7
Stock, Live and Dead :			0.002.00	
Cattle			3,382 10 0	
Sheep			369 17 0	
Poultry			3 17 6	
Implements and Repairs			519 13 3	
Binder Twine			49 0 0	
1.75			58 2 8	
Harness and Repairs			00 2 0	4.383 0 5
Datas and Tames		8		4,000 0 0
Rates and Taxes :			312 13 11	
Poor and District				
Imperial	***		133 7 0	
Tithes			86 6 2	
Licences			2 6 0	
National Health Insurance Stamps			5 18 4	
				540 11 5
Rent	***			447 13 0
Sundries :—				
Blacksmith			86 9 8	
Fire and Boiler Insurance			20 6 0	
Veterinary Surgeon and Medicine		2000	63 17 7	
	***		77 2 4	
Coal				
Paraffin, Oil and Petrol			4.4.1	
Horse Fees			18 14 6	
Carriage of Goods			40 13 4	
Miscellaneous			95 15 3	The second secon
		1 1 2 1 1 1 1		550 6 8
Value of Stock—1st April, 1921			7,306 19 11	
Less Value 31st March, 1922			6,709 15 9	
2000 Tuttle Disk Hitterij Tona	A STATE OF THE STA			597 4 2
Total Expanditure		1		11,356 3 6
Total Expenditure				11,000 0 ,0
			1	
				242.22
Balance carried down				246 19 0
				11,603 2 6
B 11 /B 1 B				
Proportion of Pensions—Farm Account				
Estimated Rent of Freehold				
Estimated Value of Wash from Hospital				30 0 0
				460 8 7
	the same of the sa		Annual Control of the	The second secon

Acreage of Land.		R.		Α.	R.	P.
Of which Sites of Buildings, Airing Courts, etc.	200		25	109	0	22
Rented Of which Sub-let		2 3	23 4	163 375	3	23
Net acreage under cultivation by Hos	pital			539	2	2

## ACCOUNT.

for the year ended 31st March, 1922.

### INCOME.

Sales:—  223½ gallons New Milk 17 3 7 178 lbs. Butter 16 19 4 28¾ pints Cream 1 8 6 106½ dozen Eggs 13 18 6 17 Fowls 4 10 3 113 Lambs 368 2 2 1 Boar (young) 4 0 0 31 Calves 101 11 5 3 quarters Oats 6 15 0 30 cwts. Potatoes 16 10 0 1,432 bushels Wheat 570 1 6	s. d	
178 lbs. Butter       16 19 4         28\frac{3}{4} pints Cream       1 8 6         106\frac{1}{2} dozen Eggs       13 18 6         17 Fowls       4 10 3         113 Lambs       368 2 2         1 Boar (young)       4 0 0         31 Calves       101 11 5         3 quarters Oats       6 15 0         30 cwsb. Potatoes       16 10 0         1422 bysbels Wheet       770 10		
178 lbs. Butter       16 19 4         28\frac{3}{4} pints Cream       1 8 6         106\frac{1}{2} dozen Eggs       13 18 6         17 Fowls       4 10 3         113 Lambs       368 2 2         1 Boar (young)       4 0 0         31 Calves       101 11 5         3 quarters Oats       6 15 0         30 cwshols Wheet       16 10 0		
106½ dozen Eggs       13 18 6       17 Fowls        4 10 3       113 Lambs        368 2 2       1 Boar (young)        101 11 5       3 quarters Oats       6 15 0       30 cwts. Potatoes       16 10 0       1 422 byshels Wheat		
17 Fowls 4 10 3 113 Lambs 368 2 2 1 Boar (young) 4 0 0 31 Calves 101 11 5 3 quarters Oats 6 15 0 30 cwts. Potatoes 16 10 0		
113 Lambs		
1 Boar (young) 4 0 0 31 Calves 101 11 5 3 quarters Oats 6 15 0 30 cwts. Potatoes 16 10 0		
31 Calves 101 11 5 3 quarters Oats 6 15 0 30 cwts. Potatoes 16 10 0	,	
3 quarters Oats 6 15 0 30 cwts. Potatoes 16 10 0		
30 cwts. Potatoes 16 10 0		
1 429 hushale Wheat		
1 432 bushels Wheat		
447 lbs. Wool 22 7 0		
Vegetables and Fruit 38 1 6		
Hides, Skins, and Fat 295 6 7		
Bull and Boar Service 13 5 6		
Corn Cutting and Sundries 35 9 2		
1,525	10 (	)
Data was the state of the state		
Produce supplied to Hospital :—		
12,453½ gallons New Milk 949 16 2		
12,207\(\frac{1}{4}\) gallons Separated Milk 469 4 6		
196 pints Cream 9 13 2		
3,320 lbs. Butter 328 5 6		
80 Fowls 22 10 9		
939§ dozen Eggs 116 6 7		
85,371 lbs. Beef 4,416 15 10		
7,826 lbs. Mutton 454 2 4		
21,981 lbs. Pork 1,183 13 11		
7,481 lbs. Bacon, green 357 10 3		
146 Rabbits 7 6 0		
460 gallons Cider 15 6 8		
Vegetables and Fruit 1,390 13 3		
9,721	4 11	
Rent of Farm Cottages and Land 13 2 7		
Bags, returned empty 38 5 0		
Prize, Madresfield Agricultural Club 3 0 0		
Claim under Corn Production Acts, 1921 (Wheat and		
Oats Crop, 1921) 302 0 0		
356	7 7	
77.4.1.7	0 0	
Total Income 11,603	2 6	)
11 000	0 (	,
11,603	2 6	3
	10	
Balance brought down 246		
Hauling for Hospital 124		
Balance against Farm and Garden 89	9 7	1
	0	-
460	8 7	1

The supplies to the Hospital are charged at the current wholesale Birmingham market prices.

No charge is made for Patients' labour, or for that of the Male Nurses supervising it.

Statement showing the Average Weekly Cost per Patient on the Net Expenditure during the year ending 31st March, 1922.

I on E	Average.					
ITEMS OF EXPENDI	192	21-22.	1920-21			
Provisions			s. 3	d. 4½	s. 4	d. 0½
Farm and Garden			4	7g	6	21
Clothing			1	13	1	1
Salaries and Wages			8	28	8	37
Pensions				68		61
Necessaries			3	18	3	61
Surgery and Dispensary				21		23
Wines and Spirits				18		1/4
Furniture and Bedding				81		71
Miscellaneous			1	78	1	6 <del>7</del>
			23	68	26	1
Less received for Goods and	Produce	Sold		$11\frac{1}{2}$	1	15
Average Weekly Cost	per head		22	67	24	113
Aggregate number of days of in the Hospital	Patients		344	,105	336	,190

Statement of Average Weekly Cost and Maintenance Charges for each Quarter during the Year ending 31st March, 1922.

				Weekly Charge.		
Quarter ending	Number	Average Cost per head		Out-County.	Private.	
	Patients. Fer week.	County.	Contract. Not Contract.			
1921 June 30	942	s. d. 23 8§	s. d. 28 0	s. d. s. d. \[ \begin{pmatrix} 29 & 9 \\ and \end{pmatrix} \] 30 & 0	s. d. 30 0	
Sept. 30	940	20 48	28 0	30 11 30 0	30 0	
Dec. 31 1922.	951	24 58	28 0	29 9 30 0	30 0	
March 31	951	21 94	26 3	32 33 30 0	30 0	

Statement of Accommodation and Chargeability of Patients, and Numbers of Nursing Staff on 31st March 1922.

I. PATIENTS.  Accommodation (Normal) Total number of Patients on 31st March 1	922	Males. 529 391	Females. 622 560	Total. 1,151 951
Vacant Accommodation		138	62	200
CHARGEABILITY OF PATIENTS.  From County Unions		165 55 41 38 40 44 6 2	286 96 54 81 33 - 7 -	451 151 95 119 73 44 13 2
		391	560	951
				-1/2
II. Staff.				
Male and Female Nursing Staff		54	64	118
Number of Patients to Total Staff		7.2	8.6	8.0
Male and Female Nurses   Day Staff Night Staff		46 8	55 9	101 17

Prices for the principal Articles of Consumption for the year ended 31st March, 1922.

				-
Articles.	Midsummer Quarter, 1921	Michaelmas Quarter, 1921	Christmas Quarter, 1921	Lady-day Quarter, 1922
Beans, Haricot, per cwt. Beef, Corned, per doz. tins Bath Bricks, per hundred Black Lead, per gross Blue, per lb. Borax, per lb. Candles, Wax, per doz. lbs. Cheese, per cwt. Chicory, per cwt. Cocoa, per cwt. Cornflower, per lb. Coal (Hard Cobbles), per ton Coal (Screened Nuts), per ton Coal (Screened Nuts), per ton Coal (Welsh Steam), per ton Coffee, Roasted, per cwt. Flour, per 224 lbs. (average) Fish, Cleaned, per lb. Lemonade Crystals, per lb. Margarine, per cwt. Matches, per gross Mustard, per lb. Old Radnor Lime, per ton. Peas, Split, per cwt. Pepper, per lb. Polish, Metal, per doz. Polish, Boot, per doz. Rice, per cwt. Salt, per ton Snuff, per lb. Soap (Soft,) per cwt. Soda, per cwt. Soda, per cwt. Sauce, per doz pts. Sago, per lb. Starch, per cwt. Sugar, per gallon Wax per cwt. Yeast, per 7 lbs.	49 0 19 6 31 3 9 0 111 146 0 95 0 54 4 56 11 70 11 135 4 56 0 56 0 76 0 2 2 49 6 26 0 61 4 4 21 6 9 0	s. d. 11 3 40 0 9 0 11½ 5½ 56 118 0 95 0 127 4 10 53 2 56 11 62 6 135 4 59 0 51 2 1 2 72 0 9 10 2 2 49 0 24 0 6½ 4 6 9 0 20 9 78 2 30 0 42 0 8 0 21 0 54 0 56 0 1 7 9 6 7 9	s. d 31 3 8 3 114 111 0 100 0 93 4 10 52 8 58 0 39 0 128 4 56 0 48 0 3½ 76 0 9 8 2 2 46 6 30 0 7 5 0 25 6 9 0 8 0 60 0 52 6 1 8 60 0 52 6 1 8 9 6 2 0 44 0 7 9	s. d 32 6 27 6 8 3 11¼ 5 5 0 93 6 107 0 100 0 39 6 48 0 30 6 8 58 6 35 9 3½ 63 0 9 8 2 2 45 6 28 0 6½ 5 0 19 0 24 0 7 6 7 6 7 6 7 6 7 9 6 1 9 6 1 9 7 9

# Principal Items of Provisions Account issued during the Year ended 31st March, 1922.

				-			
Meat, Fres	h						 115,414 lbs.
,, Tinn	red		***				 12,984 ,,
Bacon							 10,518 ,,
,, Am	erican						 6,620 ,,
Beans, Har	ricot			****			 10,598 ,,
Bread							 368,187 ,,
Butter				***			 16,502 ,,
Cheese							 9,598 .,
Chicory			***				 982 ,,
Coffee							 2,163 ,,
Cocoa		***					 683 ,,
Crystals, L	emona	de					 226 ,,
Eggs	***						 12,982 No.
Fish							 22,326 lbs.
Flour		***					 284,420 ,,
Fruit, Drie	d						 8,978 ,,
Jam	***			***			 2,937 ,,
Lard							 464 ,,
Lemons				***			 396 No.
Milk, Cond	ensed						 108 cases.
Mustard							 338 lbs.
Oatmeal							 69 ,,
Oranges							 2,196 No.
Peas, Split		***					 12,552 lbs.
Pepper							 - 260 ,,
Rice, Sago	and T	apioca					 9,045 ,,
Salt							 87 cwt.
Spice, Cake	e					***	 114 lbs.
Sugar						1.67	 38,581 ,,
Tea		***					 4,104 ,,
Vinegar	***	***				***	 247 galls.
Yeast	***				***		 1,645 lbs.

# Principal Items of Necessaries and Miscellaneous Account issued during the Year ended 31st March, 1922.

			-				
Bath Bricks							522
Blacking							2.113 cakes.
Blacklead							1,749 tins.
Blue							326 lbs.
Candles							166 ,,
Cloths, Scouring		***					. 312 dozen.
Flannel, House		***					1,935 vards.
							3,210 boxes.
Matches	***		***	***	***	***	1,888 packets
Paper, Sanitary		***	***	***	***	***	840 tins.
Polish, Metal		***					and the second s
Soap, Powder		***	***	***			8,176 lbs.
,, Hard					***	***	9,573 ,,
,, Disinfecting				200		***	656 ,,
,, Brookes						***	84 ,,
,, Soft		***		4.00		***	2,732 ,,
,, Windsor							693 tablets.
Soda						***	10,874 lbs.
Starch							183 ,,
Snuff							19 ,,
Tobacco							840 ,,
Tapers	***						50 ,,
Turps, Substitute							501 galls.
Was							789 lbs.
Coal, House							404 tons.
C				***			509
,, Gas			***				1 599
,, Steam			***		***	***	1,004 ,,