Twenty-sixth annual report, 1890 / Newcastle-upon-Tyne City Lunatic Asylum.

Contributors

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Publication/Creation

Newcastle-Upon-Tyne: Printed at the Daily Journal Office, 1891.

Persistent URL

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NEWCASTLE-UPON-TYNE

CITY LUNATIC ASYLUM.

TWENTY-SIXTH

ANNUAL REPORT,

1890.



Mewcastle=upon=Tyne:

PRINTED AT THE "DAILY JOURNAL" OFFICE, CLAYTON STREET.



A LIST

OF THE

COMMITTEE OF VISITORS

AND OF THE

OFFICERS FOR THE YEAR 1891.

Committee of Visitors.

- 1. ALDERMAN WILLIAM HASWELL STEPHENSON, CHAIRMAN.
- 2. ,, THOMAS GEORGE GIBSON, VICE-CHAIRMAN.
- 3. , THOMAS PALLISTER BARKAS.
- 4. , WILLIAM DAVIES STEPHENS.
- 5. , THOMAS RICHARDSON.
- 6. ,, THOMAS BURGESS WINTER.
- 7. " THOMAS BELL.
- 8. " HENRY WILLIAM NEWTON.
- 9. COUNCILLOR WILLIAM SUTTON.
- 10. ,, ADAM WILSON.
- 11. " EDWARD CULLEY.

Clerk of the Committee.

JOHN ATKINSON, SOLICITOR, VICTORIA CHAMBERS, NEWCASTLE-ON-TYNE.

Consulting Surgeons.

GEORGE YEOMAN HEATH, D.C.L., M.D. GEORGE HALIBURTON HUME, M.D.

JAMES THOMAS CALLCOTT, M.D., Medical Superintendent.
ALEX. SIMPSON, M.A., M.B., Assistant Medical Officer.
The Rev. James Paterson, M.A., Chaplain.
The Rev. P. Perrin, Roman Catholic Minister.
David Brodie, Clerk of the Asylum.
W. S. Reid, Housekeeper and Head Nurse.
George Duncan, Head Attendant and Choir Master.

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CITY OF NEWCASTLE-UPON-TYNE

BOROUGH LUNATIC ASYLUM.

REPORT, 1890.

21st January, 1891.

THE Committee of Visitors of the Newcastle-upon-Tyne Lunatic Asylum have, in pursuance of the provisions of the "Lunatic Asylums Act, 1853," to make the Twenty-sixth Annual Report (and the Second Annual Report under the "Local Government Act, 1888") to the City Council of the condition and management of the Institution.

On the 31st day of December, 1889, the number of patients on the books was 352 (viz., 157 males and 195 females). The admissions during 1890 were 135 (viz., 80 males and 55 females).

The admissions were chargeable in the following manner:-

	MALE.	PEMALE	3.	TOTAL.
As Private Patients	. 5	 3		8
To the Newcastle Union	. 74	 50		124
To the Commissioners of Prisons	. 1	 1		2
As "Out County" Cases	. 0	 1		1
	-	_		_
	80	55		135
	_	_		

The discharges were 54 (viz., 26 males and 28 females), and the deaths were 33 (viz., 19 males and 14 females). The average number daily resident was 378 (viz., 175 males and 203 females).

The number of discharged recovered was 41, or at the rate of 30.37 per cent. of the admissions.

The percentage of deaths of the average numbers daily resident was 8.7, and of the total number under treatment 6.7.

The number remaining on the books on the 31st December, 1890, was 400 (viz., 192 males and 208 females), being an increase of 48 as compared with last year. Of this number 11 are chargeable as private patients, as against 9 last year, and 388 are chargeable to the Union of Newcastle-on-Tyne, as against 342 last year, and one is chargeable to an out-county union.

The Committee, in accordance with the terms of the Statute under which their Board is constituted, have regularly visited the Asylum monthly during the year, and have always found it in good order. The patients, who have an opportunity every visitation of making any statement to individual members of the Committee, invariably appear comfortable, tidy and contented.

The Commissioners in Lunacy visited the Asylum on the 22nd day of February, 1890.

The Committee have much pleasure in recording their satisfaction at the manner in which the Medical Superintendent Dr. Callcott, the Assistant Medical Officer, Dr. Simpson, and the other Officers of the Institution, have discharged their respective duties.

It is with deep regret that the Committee have to record the loss they and the Asylum have sustained by the death of Mr. Alderman Thomas Hedley, who was one of the Magistrates appointed by the Bench in the year 1864 to build the Asylum.

Mr. Hedley was Chairman of the Committee of Visitors for 25 years, and during this long period he took the greatest interest in

the Asylum and all its inmates, sparing neither time nor trouble in furthering the welfare of the Institution.

The Committee will shortly receive the Annual Medical Report from Dr. Callcott, which, with the Statistical Tables and a Statement of the Receipts and Expenditure under the Maintenance Account, shall be printed and circulated amongst the Members of the City Council.

W. H. STEPHENSON, CHAIRMAN.

REPORT OF THE COMMISSIONERS IN LUNACY.

NEWCASTLE CITY ASYLUM, FEBRUARY 22ND, 1890.

We are pleased to be able to give a very good report as the result of our inspection. The day rooms and dormitories were clean and in good order, the bedding well looked after, the closets free from offensive odour, and the building general in a state creditable to those having charge therein. The patients were quiet and contented; the clothing sufficiently warm, and in good repair; complaints few, and generally unfounded; and, on the whole, we were satisfied that the patients were well looked after and comfortable. We saw a substantial dinner served to the majority of the patients in the dining hall. This is also the room in which entertainments take place. For this purpose, owing to the pillars, it is not well suited, and for the same reason it is ill-adapted for dancing. In any future structural improvements carried out here, we hope one will be the erection of a chapel in the grounds, when the present chapel might be converted into a better place for entertainments.

Amongst matters calling in our opinion for early notice, we may mention that there is no fire brigade here, no fire drill, and no fire alarm signal, whilst buckets filled with water, ready for use in the event of fire, are not yet, though we learn they soon are to be, placed in every ward. The doors of the single rooms should be made to open with an ordinary handle to ensure the

patients' ready exit in case of fire, and their rest being undisturbed during the visits of the night watch. We do not like the lavatories being actually in the wards, whilst some of the bath rooms and closets are inconveniently situated; moreover, for a bath room with six baths, there is no dressing room, and no possibility of placing screens round the baths. The cemented slopes in some of the airing courts must be especially dangerous in frosty weather. The appliances in the kitchen are not adequate to the requirements of the Asylum; and we hope in this department the cooking and baking apparatus will be much enlarged. The majority of the beds are now furnished with wire-wove mattresses. We trust these will shortly be supplied to nearly all the beds.

Means of amusement in the wards is fairly provided, and a piano has been supplied to the dining hall; but we suggest that reading stands for the newspapers on the male side would render the papers of more general use. One patient of each sex was away on leave, but we saw and gave opportunity of speaking with us to every patient in residence, who were 160 in the male and 195 in the female division; seven men and 13 women were seen in bed; and 10 men and 15 women were last week registered as taking medicine.

The deaths since our colleagues were here last have been 29; 19 of these in the male division. This shows a high mortality for this sex; but we observe that over half of these deaths were due to general paralysis. One inquest on a woman was held, who died from drinking "methylated spirits," but the jury found that no blame was attributable to any of the staff for this accident. No other death calls for notice. Necropsy was made

in 24 instances. The Asylum has been free from any infectious malady, and the health of the patients is on the whole satisfactory; and there have been but three serious casualties, and the only noteworthy one is of a patient who had his leg broken by a ball at cricket. The epileptic patients are 46, and the actively suicidal 12. All of these, with the exception of one dangerous male epileptic, sleep under continuous supervision by night. This man has been secluded on 20 occasions, and for 162 hours; only one other patient has been so treated, and that but once, and for three hours. Two women have been restrained both for surgical reasons; one is still under restraint, and necessarily so, as we consider. Exclusive of the head attendants, there are 15 of each sex on day, and three of each sex on night duty. Of the male attendants five, and of the nurses seven, have not lived here a year, but 12 of the former and eight of the latter sex have spent some time in the Asylum service. Their sitting and mess room on either side is fairly comfortable. We are glad to find that a billiard table is to be purchased, which will afford amusement to the attendants when the patients are in bed; but difficulties exist in the way of providing a piano for the nurses on account of the close proximity of their room to the dormitories occupied by patients. Walks within the grounds are able to be enjoyed by the majority of the patients, and few physically able are entirely confined for exercise to the airing courts. Nearly 200 join the associated gatherings, and small parties are sent to places of amusement in the city. About 100 men and 135 women are usefully employed, 40 of the former and 48 of the latter being ward cleaners.

There is still no service held here on week days, but at the

service held here on Sunday last 228 were present in the morning and 235 in the afternoon.

There are now in the Asylum 53 Roman Catholics, and no provision is made for their spiritual wants, though a priest very occasionally visits; whilst for the Jews, of whom a few are under treatment here, no Rabbi ever comes.

There have been since our colleagues were here last 83 patients admitted and 41 discharged, of whom 24 had recovered. The weekly rate for pauper patients is 8s. 2d., and 10 patients are received here of the private class, paying 16s.

There has been no change in the principal officers here recently, and praise is due for the way the case books are noted up.

W. E. FRERE, Commissioners REGINALD SOUTHEY, Commissioners in Lunacy.

THE MEDICAL SUPERINTENDENT'S REPORT.

TO THE COMMITTEE OF VISITORS.

18th February, 1891.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to submit the Twenty-sixth Annual Report, with Statistical Tables for the year 1890.

On the 1st of January, 1890, there were 352 patients (viz., 157 men and 195 women) on the books of the Asylum; and on the 31st of December there were 400 (viz., 192 men and 208 women). The average daily number resident in 1890 was 378 (viz., 175 men and 203 women); and the total number under treatment was 487 (viz., 237 men and 250 women), as against 342 and 435 respectively in 1889.

The admissions were 135 (viz., 80 men and 55 women).

The discharges were 54, of which number 41 were "recovered," 12 were "relieved," and 1 was "not improved."

The percentage of recoveries, as calculated on the admissions, was 30.3 (viz., 26.2 men and 36.3 women). The "relieved" and "not improved" comprise cases which were sent to other Asylums, and such cases as were sufficiently restored or considered fit to be sent to the care of their relatives.

The deaths were 33 (viz., 19 men and 14 women), and represent a percentage of 8.7 (viz., 10.8 men and 6.9 women) of the average number daily resident, and 6.7 (viz., 8.0 men and 5.6 women) of the total number under treatment.

The general statistics of the Asylum are as follows:—Since it was opened in June, 1865, there have been 2,244 admissions (viz., 1,182 men and 1,062 women), of whom 280 (viz., 121 men and 159 women) were re-admissions, having been certified as insane at least once previously, and sent to this Asylum. Of the 2,244 admissions, 734 (viz., 335 men and 399 women) or a percentage of 32·7 (viz., 28·4 men and 37·6 women) have been discharged "recovered;" 522 (viz., 272 men and 250 women) have been discharged "relieved" or "not improved;" and 588 (viz., 383 men and 205 women) have died, leaving, as has been stated, 400 patients on the books of the Asylum on the 31st day of December, 1890.

Of the admissions, it will be seen by reference to Table V. that 86 were cases of mania; 10 of melancholia; 9 of dementia; and 3 of congenital imbecility; 22 cases (viz., 19 males and 3 females) were suffering from general paralysis; and 5 were epileptic (4 males and 1 female). The admissions reached the large number of 135, and included even a larger proportion than usual of cases suffering from serious and often incurable mental or physical disorder.

The death-rate has decreased, and on the whole the health of the patients has been good. By reference to Table VI., it will be observed that there have been 23 deaths from general paralysis and other forms of brain disease; 7 occurred from disease of the respiratory and circulatory systems, and there has been one death from typhoid fever.

I regret to state that this was not the only case of the disease, but that eight cases occurred between June and September. The remaining seven (viz., 3 male patients, 2 attendants, and 2 nurses), I am glad to state, made satisfactory recoveries. The cause of these cases was apparently an escape of sewer gas into the wards from the insufficiently sealed ends of old drains, which had been left in connection with the new drains. These defects have now been remedied. An outbreak of this zymotic disease in a large institution is always a source of great anxiety to those who have to cope with it; and in my endeavours to ascertain the cause, and to cut short the course of this outbreak, I received valuable assistance from Dr. H. E. Armstrong, Medical Officer of Health for Newcastle; and also from Dr. Galbraith, Medical Officer of Health for this district.

There has been no accident of a serious nature, and no inquest has been held by the Coroner.

The causes of the insanity in the admissions are stated in Table XI., and by reference it will be seen that domestic trouble, adverse circumstances and mental anxiety have contributed as causes in 60 instances, intemperance in drink in 43 instances, and hereditary pre-disposition in 33 instances.

I have again to thank the Committee for their invariable kindness and courtesy to myself; and also the Officers of the Asylum who at all times render me valuable assistance by a conscientious performance of their numerous duties.

I have the honour to be,

Mr. Chairman and Gentlemen,

Your obedient servant,

JAMES THOMAS CALLCOTT.

APPENDIX I.

TABLE I.,

Showing the Admissions, Re-Admissions, Discharges, and Deaths during the Year 1890.

				M.	F.	Total.
In the Asylum, 1st January, 18	890,			157	195	352
	M.	F.	Total.			
Admitted for the first time during the Year Re-admitted during the	77	48	125			
Year	3	7	10	80	55	135
Total under treatment				237	250	487
Discharged—		1.				
Recovered	21	20	41			
Relieved	5	7	12			
Not Improved	0	1	1			
Died	19	14	33			
Total discharged and died	the 6	21at D	bon	45	42	87
Remaining in the Asylum on 1890				192	208	400
Average number daily resident				175	203	378

TABLE II.,

Showing the Admissions, Re-Admissions, Discharges, and Deaths from the opening of the Asylum to the present date, 31st December, 1890.

				M.	F.	Total.
Admitted during the period of Re-admitted				1061 121	903 159	1964 280
Total number admitted				1182	1062	2244
	M.	F.	Total.			
Discharged— Recovered	335 132	399 136	734 268			
Relieved Not Improved Died	140 383	114 205	254 588			
Total number discharged as				990	854	1844
Remaining in the Asylum on 1890				192	208	400
Average number daily resident	t durin	g 25½ Y	ears	117.7	128.0	245.9

TABLE III.,

Showing the Admissions, Discharges, and Deaths, and the Mean Annual Mortality and Proportion of Recoveries per cent. of the Admissions, for each Year, since the Opening of the Asylum, 24th June, 1865.

. HARMAN PROPERTY AND ADDRESS OF THE PARTY AND	and remaining	In the latest water or widow	-	MARKET	in the last	realization in	and the last		_	-	-	-	*	
Jo of	nber	Меап.		6.6	8.9	2.8	9.8	9.2	8.6	11.1	2.3			:
Per Centage of Deaths on	e Nun sident	Female.		6.5	5.7	7-1	4.7	6.5	9.8	8.0	6-9			;
Per C Dea	Average Number Resident.	Male.		14.1	12.5	10.3	12.7	13.5	8.11	14.8	8.01			:
		Mean.		29.3	35.1	38.2	27.72	48.4	45.3	6-12	30.3			:
Per Centage of Recoveries on	sions.	-		84.4 5	41.2 3	37.5 3	34.6	45.0	88-9	23.3	86.3			:
er Cen	Admissions.	Female.					-	-				-	-	-
		Male.		24.5	30.3	39.2	21.5	42.1	46.5	20.4	26-2			:
φ μ	نب	Total.		:	:	276	291	305	326	342	878			:
Average	esiden	Female.		:	:	140	150	161	172	187	208			:
44	M	Male.		:	:	136	141	144	154	155	175			:
ber	ar.	Total.		:-	:	274	290	319	331	352	400			:
Remaining 31st December	of each year.	Fennale.		:	:	141	152	163	178	195	208		Ì	:
Rei	of ea	Male.		:	:	133	138	156	153	157	192		1	:
		Total.		183	224	24	25	63	35	88	99		1	288
Died.		Female.		9	7.4	10	-	10	15	15	14		i	205
9		Male.		123	150	14	18	19	17	523	13		i	888
	4	Total.		98	137	7	10	9	П	9	Н			254
	Not Improved	Female.		52	47	4	10	00	:	01	н		İ	114
	Im	Male		34	90	00	9	00	1	**	0		Ì	140
ed.	ď.	Total.		99	117	16	27	6	11	10	12		1	268 140
Discharged.	Relieved.	Female.		60	9	6	11	61	4	9	1		1	136
Disc	Re	Male.		34	55	1-	16	-	1-	v	10		1	132
	ed.	Total.		233	284	30	30	46	41	23	41		1	734
	Recovered.	Eemsle.		187	146	15	18	677	21	50	20		-	300
	Rec	Male.		96	138	15	12	24	20	6	21		1	_
ons.		Total.		794	608	78	108	119	26	104	135		1	2244
Admissions.		Female.		398	354	40	52	49	54	9	92		1	1182 1062 2244 835
Adr		Male.		396	455	88	99	70	43	44	8		-	1182
				:	:	:	:	:	:	:	:		I	
	30			1865 to 1874	to 1884		*	-	:	:	-			14
	YEARS.			2 20	2 50		:							Total
				186	1875	1885	1886	1887	1888	1889	1890		-	
-	-		The state of the s	NEARLY .	-	-	-		-	-			-	

TABLE IV.,

Showing the History of the Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths, and the number of each Year remaining on the 31st December, 1890.

Total Discharged and Died of each Year's Bemain Admissions to 31st December, 1890. Premi. Total Discharged and Died of each Year's Gach Year's Gach Year's Total		ing	ar's ons Dec.,	lotal.	88 88 88 88 88 88 88 88 88 88 88 88 88	400	
No. R.A. Cases Inpsect Cases Property Admissions, Discharged, and Admissions of all states Property Pro		main	nissi 31st l	em.	1 : :::::::::::::::::::::::::::::::::	-	
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New Recovered Relieved Improved Admissions Discharged, and Total Discharged and Admissions to 31			Im	Male.	831 : 3514 8 - 8 8 8 8 8 8 8 7 8 8 8 8 8 1 1 4 1	-	
New Recovered. Relieved. Improved. Died. D			d.	Total	8 8 1 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2	-	
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New label Beach New label Died in 1890. Died in 1890		To	over	Fem.	821212221232688352222442112382316	888	em.
New Recovered Relieved Improved Im			Bec	Male.	-4-60-655584-0-6555585555555555	5355	-
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Admitted. New lapsed Cases.	1	sharg	ed.	Total.	111111111111111111111111	1	ons.
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Admitted. New lapsed Cases.	1.	189 n	Im	Male.	111111111111111111111111111	I Adı	T WITH
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Admitted. New lapsed Cases.		8 Ac	lieve	Fem.		T the	Orra I
Admitted. New lapsed Cases.		rear	Re	Male.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 0	200
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	L						

32-7 12-0 11-3 26-2 17-8

37.6 12.8 10.7 19.3

28:3 11:2 11:9 16:2 16:2

Per Centage of Cases Recovered ... Relieved Not Improved Remaining ...

100.0

1000

100.0

TABLE V.,

Showing the Form of Mental Disease in those Admitted and in those Discharged Recovered During the Year 1890.

	A	DMISSIC	ONS.		SCHAR ECOVER	
	М.	F.	Total.	М.	F.	Total.
Mania	45	44	86	18	19	37 .
Melancholia	5	5	10	3	1	4
Dementia	4	4	8			
Senile Dementia		1	1			
Congenital Imbecility	3		3			
Mania with General Paralysis	11	2	13		1.4	
		1	5	• • • •	***	***
Mania with Epilepsy	4 8	1	0		***	
Dementia with General Paralysis		1	9 1		***	
Dementia with Epilepsy						
Total	80	55	135	21	20	41

TABLE VI., Showing the Causes of Death During the Year 1890.

Causes of Death.	М.	F.	Total.
CEREBRAL DISEASES:— General Paralysis. Cerebral Softening Epilepsy Apoplexy	1 4	3 4 1 2	. 11 5 5 2
Thoracic Diseases:— Phthisis Pulmonalis Congestion of Lungs Heart Disease	2	1 1 1	3 1 3
ABDOMINAL DISEASES:— Chronic Peritonitis and Uterine Fibromata Cancer of Stomach	 1	1	1 1
Other Causes:— Enteric Fever	1		1
Total	19	14	33

TABLE VII.,

Showing the length of Residence in those Discharged Recovered, and in those who have Died during the Year 1890.

LENGTH OF RESIDENCE.	Ri	COVERI	ED.		DIED.	
DENGTH OF RESIDENCE.	M.	F.	Total.	M.	F.	Total.
Less than 1 month				2	5	7
From 1 to 3 months	4	1	5	2		2
" 3 to 6 "	15	8	23	8	2	10
" 6 to 9 "	1	3	4		1	1
" 9 to 12 "		3	3		2	2
" 1 to 2 years	1	3	4	2	1	3
" 2 to 3 "		1	1		1	1
" 3 to 4 "		1	1			
" 4 to 5 "						
" 5 to 6 "						
" 6 to 10 "				2	1	3
" .11 to 15 "				2	1	3
" 16 to 20 "				1		1
" 21 to 25 "						
" 26 to 30 "						
Total	21	20	41	19	14	33

TABLE VIII.,

Showing the duration of the Disorder on Admission in the Admissions, Discharges, and Deaths during the Year 1890.

			DURAT	ION OF	DISEAS	E ON A	DMISSIO	N, IN I	DURATION OF DISEASE ON ADMISSION, IN FOUR CLASSES.	LASSES.		
CLASS,	A	ADMISSIONS.	's			DISCHARGES.	RGES,			1	DEATHS.	
				R	Recovered.	J.	Not	Not Recovered.	red.			
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
FIRST CLASS—First attack, and within three months of admission	46	27	73	13	œ	21	5	ಾ	ra.	6	10	14
Second Class—First attack, upwards of three months and within twelve months of admission	14	1	21	90	00	9	0	67	C1	ıĢ	00	œ
THIRD CLASS—Not first attack, and within twelve months of admission	15	12	27	10	G	14	61	99	10	ಞ	1G	00
FOURTH CLASS—First attack or not, but of more than twelve months before admission	1.0	6	14	:	:	:	1		-	67	-	00
Not known	:	:	:	:	:	:	:		:	:	:	:
Total	80	22	135	21	20	41	2	00 .	13	19	14	00

TABLE IX.,

Showing the Ages of the Admissions, Discharges, and Deaths During the Year 1890.

IS.		Total.	:	61	00	9	6	4	4	:	:	99
DEATHS.		F.	:	:	23	1	1	63	2	:	:	14
		M.	:	67	9	10	63	53	2	:	:	19
	red.	Total.	:	53	4	4	67	1	:	:	:	13
	Not Recovered.	F.	:	:	5	00	67	1	:	:	:	00
ARGES.	Not	M.	:	2	2	1	:	:	:	:	:	10
DISCHARGES.	,	Total.	67	1	15	11	25	-	:	:	:	41
	Recovered.	F.	:	2	00	20	67	:	:	:	:	20
	Re	M.	63	63	1	9	00	1	:	:	:	21
gá		Total.	9	32	34	35	16	6	00	:	:	135
ADMISSIONS.		F.	1	13	13	10	11	4	00	:	:	55
Ar		M.	10	19	21	25	70	5	:	;	:	80
	AGES		Not more than 20 years	From 21 to 30 years	" 31 to 40 "	" 41 to 50 "	" 51 to 60 "	" 61 to 70 "	" 71 to 80 "	" 81 to 90 "	Unknown	Total

TABLE X.,

Showing the Condition as to Marriage in the Admissions, Discharges, and Deaths during the Year 1890.

		ADMISSIONS.	90 20			DISCHARGES.	ARGES.				DEATHS.		
Condition as to Marriage.				A.	Recovered.	d.	Not	Not Recovered.	ered.				
	M.	표.	Total.	W.	F.	Total.	W.	표.	Total.	M.	Ŧ.	Total.	
Married	30	31	61	0	10	19	-	10	9	6.	9	15	
Single	800	13	51	10	6	19	4	61	9	9	00	6	
Widowed	12	10	22	61	1	00	:	П	1	4	10	6	111111111111111111111111111111111111111
Unknown		-	1	;	:	:	:	-:	:	:	:	:	
Total	80	55	135	21	20	41	5	00	13	19	14	33	

TABLE XI.,

Showing the Ascribed Causes of the Mental Disorder in the Admissions, Discharges, and Deaths during the Year 1890.

		ONTOOL	02			Disch	DISCHARGES.					
CAUSES.	4.	ADMISSIONS.	i i	R	Recovered.	d.	Not	Not Recovered.	ered.		DEATHS.	
	W.	F.	Total.	M.	F.	Total.	M.	F.	Total.	W.	E.	Total.
MORAL—Domestic trouble, &c	6	13	58	22	-	00		20	20	1	4	10
Adverse circumstances, &c	10	11	21	20	4	6	1	:	_	1	П	2
Mental anxiety, &c.	6	67	11	00		00		:		70		10
Religious excitement	1	1	5	1	1	67	::	:	:	:	1	-
Love affairs, &c	****			***							-	
Fright, nervous shock, &c	1	00	4	1	1	2	:	-	-			
Physical—Intemperance (drink)	35	11	48	11	9	17	00	2	5	00	:	00
Intemperance (sexual)	1	1	67		C3	2			::		:	:
Venereal disease			:	:	:	:	***	:::				
Self-abuse	1	:	-	:	:	:		:	:		:	::
Over-exertion	:	:	:		::	:	***	::	:	***	:	
Sunstroke	5		Gq	::		***		::	::	:	:	
Accident or injury	4		4	57	::	2		::	100	1	::	1
Pregnancy	:	1	7	:					3	-	::	:
Parturition		4	4	****	-	1		::			::	
Lactation	:	7	-	:	:			:			::	::
Uterine and ovarian disorders	:	:	: '					::	***	****	***	
Puberty	:	-	-		:	:	:			****		
Change of life	:	-	7		1	1	:	-	1	:	::	
Description for	: 0	: 0	: "	: "	: "	: 0	:	:	:	:	: '	:,
Old ness	0 -	10	0 4	1	7	4			:			٠,
Other bodily disorders	- 6	0	+ 0	:-	:	: -	:-	:	:-	: 0	- x	10
Previous attacks	6	14	23	00	10	00	-	. 6	4 00	-, 0	00	000
	22	11	000	1	9	13		07	6	9	1 00	0
Congenital defect	2	4	6	****	***	::	1	::	1	:	:	
Other ascertained causes		00	00	***	1	1	:	:	:	:	:	П
Unknown	:		::	***	:	:	:		:	:	:	1

TABLE XII.,

Showing the Occupations of those Admitted during the Year 1890.

W. 7 mg	
MALES.	
Slipper Maker 2	
Labourer21	
Clerk 3	
Caulker 1	
Barman	
Glazier	
Railway Inspector 1 Superintendent of Police 1	
Chemist's Assistant 1	
Machinist 3	
Striker 2	
Butcher 2	
Engine Fitter 6	
Plumber 2	Bully by Control (BELLEVA)
Sailmaker 1	
Undertaker 1	FEMALES.
Plater 1	Housewife31
Farmer 1	Seamstress 1
Tobacco Spinner 1	Hawker 3
Telegraphist 1	Field Labourer 1
Inland Revenue Officer 1	Charwoman 1
Chimney Sweep 1	Lodging House Keeper 2
Sailor 1	Dressmaker 1
Br cklayer 4	Leadworker 1
Cartman 1	Schoolmistress 1
Grinder in Paint Works 1	Domestic Servant 6
Miner 1	No Occupation 7
Cabman	55
Lamplighter	- 4
Patternmaker 1	
Dairyman 1	
Hawker 1	
Ironmonger 1	
Driller 1	
Boilermaker 1	
Oyster Seller 1	
Ironmoulder 1	
Bookbinder 1	
Painter 1	
Shopman 1	
Marine Engineer 1	
No Occupation 1	
80	
80	

TABLE XIII.,

Showing the Gain or Loss in Weight of each Patient Discharged Recovered during the Year 1890.

Name	Number	Duration of	Weight	Weight Weight at		Gain or Loss in Weight.			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	The second second				Gain.	Loss.			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1921	Mths. Day 15 2 15 5 16 9 5 7 6 6 5 20 23 29 6 6 6 10 6 3 15 8 29 5 14 4 4 4 25 29 14 5 5 3 6 5 11 2 27 2 18 2 20 3 3 5 22 2 9 5 14 3 12 14 26 4 9 5 6 6 5 4 5 43 22 8 8 5 3 21 2 6 6 8 3 20 2 3	st. fb 8 12 8 12 8 13 8 3½ 9 5 9 7 9 6 2 10 3 9 13 10 12 7 10 9 0¾ 6 6 11 7½ 8 5 7 1¼ 8 5 7 1¼ 8 7 8 11 8 4 8 7 10 4 8 11 8 2 11 8 2 11 8 7 3 5 11 9 2 13 10	st. fb 8 4 9 2 7 9 10 7 6 11 8 13 6 11 11 3 8 11 9 12 11 6 11 2 7 4 11 2 9 4 7 4 11 3 8 1 8 1 8 6 11 9 2 11 5 10 2 8 6 11 9 2 11 5 10 2 8 6 11 2½ 9 10 8 7 7 12 7 4 9 <th>st. fb 1 1 1 </th> <th>Loss. st. 1b 8 8½ 1 2 2 13 7½ 4 <</th>	st. fb 1 1 1	Loss. st. 1b 8 8½ 1 2 2 13 7½ 4 <			

TABLE XIV.,
of Patients occupied usefully during 1890 and the

Showing the Average number of Patients occupied usefully during 1890, and the nature of their respective occupations on the 31st day of December, 1890.

	M.	F.	Total.
Average number per day of Patients occupied usefully during 1890	106	135	241
Number employed usefully on the 31st December, and how employed:—			
Messengers	2		2
Assisting Attendants and Nurses	45	53	98
Garden, Farm, and Grounds	48		48
Engineer	1		1
Joiners	2		2
Shoemakers	3		3
Painter	1		1
Tailor	1		1
Upholsterers	10		10
Wire Worker	1		1
Embroidery		4	4
Knitting		20	20
Sewing		29	29
Laundry		24	24
Kitchen	1	10	11
Total	115	140	255
Excited	28	20	48
In bed and feeble	36	30	66
Idlers	12	19	39
On leave			
Total	191	209	400

APPENDIX II.

NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

Balance Statement of Income and Expenditure during the Year ending March 31st, 1891.

1	ਦੇ	9 0 0 111	70
	-	866 2 9 459 15 9 000 0 0 852 10 11	6
	43	8,866 1,459 3,000 852	78
		8,8	14,1
	- 8 H G S 12 O S G 4 9) : : : : : : : :	£:
	8. d 1132 1132 1131 1132 1132 1133 1133 1133	1 1	
		89 6	-
(E)	2,390 1,132 1,132 41 31 477 518 423	89 89	:
EXPENDITURE.		: i i a	Total£14,178
E		urs & Co.) Treasurer Clerk of the Asylum.	:
2		A	tal.
)E		the	To
X	ter.	Sure t of	
H	Bar	on Con Clerk	
		nbot Claric	
	March 31st, 1891. Provisions Clothing Salaries and Wages Necessaries. Surgery and Dispensary Wines, Spirits, and Porter Furniture and Bedding. Garden and Farm Miscellanious	Building and Repairs On Deposit (Lambton & Co.) Balance of Cash—Treasurer Clerk of the Asylum.	
	st, 1 is ind ind ind pirities and ious ious Frank	and sit (
	31s sion ing ing ing sarrians as S, S stur an allan are in a	ing eepo	
	Farch 31st, 1 Provisions Clothing Salaries and Necessaries Surgery and Wines, Spirii Furniture an Garden and Miscellanious	nild alan	
	4		
	M, , , , , , , , ,	6 6 6	
	d.	6 4 0 0 0 4 10 0 10	20
	£ 8. d. 1,641 18 10 3,000 0 0	11 12 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	6
	£ 841 300	8,107 12 494 2 0 12 197 7 20 11 8 1	
	3,0	1,8	14,1
		000 ::::::	Total£14,178
	8,086 8 6	2 2 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	£ 8. 537 14 104 4 104 4 108 8 0 8 0 8 0 8	10101	
	1,537 104 104 8,086 0 0		:
.:			
INCOME.	Treasurer. Clerk of the Asylum of (Lambton & Co.) e-upon-Tyne Union Thion th Union	umt airs	:
0	As As Un	d	cal
Z	the on on	Soar Pris Pris Ng A	Tot
-	of mbt and I not in ion	ion ion ion of of of of ion of E	
	eerk (Lau ion, Thio	Unders Harman	
	ipt CC	field den Pat sion s so cent on alan for	
	o. 1. seh- seh- sel. cast cast sle isle ibbur	acclesfield Union aslingden Union rivate Patients' Board ommissioners of Prisons undries sold ouse Rent rerest on Banking Account. rom Balance of Extension Account for Ordinary Repairs.	
	of Cash—Treasurer Clerk of the Asylum sit Receipt (Lambton & Co.) Keyll. Newcastle-upon-Tyne Union Carlisle Union Rothbury Union Tynemouth Union South Shields Trion	Macclesfield Union 2 8 0 Haslingden Union 2 16 0 Private Patients' Board Commissioners of Prisons Sundries sold House Rent Interest on Banking Account. From Balance of Extension Account for Ordinary Repairs.	
	e o e o grand from the control of th	ин номини	100
	00 0		
	il 1s llanc ". Tch 3		
	April 1st, 1890. To Balance of Cash—Treasurer " " Clerk of the Asylum " Clerk of the Asylum " Anch 31st, 1891. " Cash per Newcastle-upon-Tyne Union " " Rothbury Union " Tynemouth Union " South Shields Thion South Shields Thion " South Shields Thion"		

Examined and found correct, 8th July, 1891,

RICHARD HENRY HOLMES, F.C.A., MAYOR'S AUDITOR.

A. KEITH DURHAM,

CITY AUDITORS.

JAS. H. RODGERS,

DAVID BRODIE, CLERK OF THE ASYLUM.

NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

Average Cost per Week per Patient for the Year ending 31st March, 1891.

Headings of Expenditure.	Amount.	Less Sales.	Nett Weekly Average.	
Provisions	£ s. d. 3,068 12 8	£ s. d. 96 1 5	s. d. 2 11	
Clothing	761 13 11	7 18 9	0 87	
Salaries and Wages	2,390 10 9	0 0 0	2 41/8	
Necessaries	1,132 6 3	0 7 9	1 18	
Surgery and Dispensary	41 19 5	0 0 0	0 0\$	
Wines, Spirits, and Porter	31 18 0	0 0 0	0 03	
Furniture and Bedding	477 2 2	1 9 4	0 5§	
Garden and Farm	518 15 9	89 13 10	0.5	
Miscellaneous	423 11 4	0 10 3	0 5	
Total	8,846 10 3	196 1 4	8 5 7	
Building and Repairs	1,459 15 9	1 6 0	1 5½	

DAVID BRODIE,

CLERK OF THE ASYLUM.

NEWCASTLE-UPON-TYNE CITY LUNATIC ASYLUM.

BUILDING AND REPAIRS ACCOUNT.

Balance Statement of Income and Expenditure for the Year ending 31st March, 1891.

£ s. d.						70	
					1	00	15
43					1,356 7	103 8	£1,459 15 9
d.	4	00	6.	0	1	;	3
£ 8, d.	17	11	14	4	1		:
43	148 17	505 11	175 14	526 4			
EXPENDITURE. 1891—March 31st.	By Rates, Taxes, and Insurance	" Ordinary Repairs	" Wages	" Pensions		", Additions, Alterations, and Improvements	Total
£ s. d.				aleks .		4 2	6.
302						~ 10	I va
3						0 0	9 15
3						730 0 4 729 15 5	1,459 15
	0	0			4		£1,459 15 9
	11 0	0 9			3 4		£1,459 15
£ s. d. £	20 11 0	1 6 0			08 3 4		£1,459 15
	20 11 0	1 6 0			708 3 4	" Balance due from Corporation of Newcastle-on-Tyne 729 15	Total£1,459 15

8th July, 1891—Examined and found correct,

RICHARD HENRY HOLMES, F.C.A, MAYOR'S AUDITOR.

A. KEITH DURHAM, CITY AUDITORS.

JAS. H. RODGERS,

DAVID BRODIE, CLERK OF THE ASYLUM.

APPENDIX III

no

NEWCASTLE-UPON-TYNE CITY ASYLUM-DIET TABLE.

	98.	Tea.	Pt.	-	1	-	-	-	-	П
P.M.	Females.	Butter.	oz.	Kie	Miss	62500	mim	colar	20/20	00/00
SUPPER-6-15	F	Bread.	OZ.	9	9	9	9	9	9	9
ER		Теа.	Pt.	-	-	-	-	-	-	-
SUPP	Males.	Butter.	OZ.	20(30	17800	25(30)	05/00	05/00	es(m	Miss
02	×	Bread.	0.20	00	00	00	00	00	00	00
-	Ì	Cheese.	oz.	:	:	:	;	:	:	-
		Pudding.	oz.	16	:	:	:	:	:	12d
		Fish.	oz.	:	:	:	:	:	27	:
		Goop.	Pt.	;	:	:	1	:	:	-
1	les.	Irish Stew.	oz.	1	:	18	:	:	:	:
	Females	Meat and Potato Pie.	oz.	:	14	:	-	146	:	:
		Uncooked Vegetables.	OZ.	12	:	:	12	:	12	:
		Cooked Meat free from bone.	oz.	483	:	:	00	:	:	:
W.		Lemonade.	Pt.	-40	-624	- 01	-in	-401	-10	- 01
-1 P.		Bread.	oz.	:	:	00 100	;	:	33	50°
DINNER-1		Cheese.	oz.	:	:	:	1	;	:	-
DIN		Pudding.	20	16c	:	:	:	:	:	124
		Elsh.	OZ.	:	:	:	:	:	16	:
		·dnoS	Pt.	:	:	:	-	:	:	-
	es.	Irish Stew.	02.	:	:	50	:	:	:	:
1	Males.	Meat and Potato Pie.	OZ.	:	16	:	1	166	:	:
		Uncooked Vegetables,	OZ.	16	:	:	16	:	16	:
		Cooked Meat	OZ.	$a4\frac{1}{2}$:	:	00	1	:	:
1		Lemonade.	Pt.	-ku	r-(cu	-45	-401	m(2)	rip	P(2)
		Bread.	oz.	:	:	200	:	:	-io	Cica Cica
		Tea.	Pt.	;	-	:	1	:	1	:
N.	ales.	Coffee.	Pt.	-	:	-	:	-	:	-
15 A	Females	Butter.	oz.	Mile	Vije)	roje:	K)z	780	1000	nie
T_8		Bread.	oz.	9	9	9	9	9	9	9
BREAKFAST-8-15 A.M.		Tea.	Pt.	:	-	:	-	:	-	:
EAK	Males.	Coffee.	F.	-	:	-	:	-	:	-
BR	Ma	Butter.	oz.	11/10	nie	15(10)	Nie	Nie	15(se	nie
		Bread.	ZO	90	00	00	00	00	00	00
							day.	x		
				Sunday	Monday	Tuesday	Wednesday	Thursday	Friday .	Saturday

Coffee for 100 persons to contain 141b. of Coffee, 41b. of Sugar, 14 gall. Milk. (Milk from the Farm.) Tea for 100 persons to contain 11b. of Tea, 4lb. of Sugar, and 3 gall. Milk. (Milk from the Farm.)

(a). Tinned Corned Beef or Mutton.

Meat and Potato Pie for 100 persons to contain 28lb. of Meat uncooked and with bone, 24lb. Flour, 3lb. Suet or Dripping.

Irish Stew for 100 persons to contain 25lb. Tinned Mutton and 88lb. uncooked Potatoes. (6)

Tinned Meat and Potato Pie for 100 persons to contain same quantity of Meat and Potatoes as on Tuesday, with 20lb. of Flour. Seasoning. &c. Soup on Wednesday to contain, for 100 persons, Liquor of Meat boiled same day, with 6lb. barley, 3lb. Rice, 3lb. Peas, 16lb. Cabbage, Seasoning, &c. Soup on Saturday to contain, for 100 persons, 12lb. of Hough Beef, with 6lb. Barley, 3lb. Rice, 3lb. Peas, 16lb. Cabbage, Seasoning, &c.

(c). Rice Pudding for 100 persons to contain 11lb. Rice, 4lb. Currants, and 3lb. Sugar.
(d). Dumpling Pudding for 100 persons to contain 24lb. of Flour, 4lb. of Preserves, and 3lb. Suet. Extra Diet for Workers—2oz. Bread, 1oz. Cheese, and Half-pint Lemonade for Luncheon. Extra Diet for Laundry—8oz. Tea, 14lb. Sugar, and 2½ 4lb. Loaves weekly.
Extra Diet for Sewing Room—6oz. Tea, 4lb. Sugar, 1 4lb. Loaf, and 2oz. Butter on Tuesdays.
Extra Diet for Sick and Debilitated—according to Medical Order.



