

MISCELLANEA.

PROCEEDINGS OF THE STATISTICAL SOCIETY.

Fourth Ordinary Meeting.—Session 1854-55.

Monday, 19th February, 1855.

Thomas Tooke, Esq., V.P., in the Chair.

The following Gentlemen were elected Fellows of the Society:—

John Lewis Ricardo, Esq., M.P.

James Thomas Hammack, Esq.

The following Paper was read:—

“On the Loans raised by Mr. Pitt during the First French War, 1793-1801, with some statements in defence of the methods of Funding employed.” By William Newmarch, Esq.

Fifth Ordinary Meeting.—Session 1854-55.

Monday, 19th March, 1855.

Thomas Tooke, Esq., V.P., in the Chair.

Thomas Hopley, Esq., was elected a Fellow of the Society.

A discussion took place on Mr. Newmarch's Paper, “On the Loans raised by Mr. Pitt during the First French War, 1793-1801, with some statements in defence of the Methods of Funding employed.”

Sixth Ordinary Meeting.—Session 1854-55.

Monday, 16th April, 1855.

Sir John Peter Boileau, Bart., V.P., in the Chair.

The following Noblemen and Gentlemen were elected Fellows of the Society:—

The Rt. Hon. The Earl of Carnarvon.

Lord Robert Cecil, M.P.

Sir Charles Trevelyan, K.C.B.

Joseph Keech Aston, Esq.

William Brown, Esq., M.P.

Peter Hardy, Esq., F.R.S.

Frederick Hendricks, Esq.

Robert Hunt, Esq., F.R.S.

Thomas Abercrombie Welton, Esq.

The following Paper was read:—

“A Ten Years' Retrospect of London Banking.” By John William Gilbert, Esq., F.R.S.

Seventh Ordinary Meeting.—Session 1854-55.

Monday, 21st May, 1855.

Colonel Sykes, V.P., in the Chair.

The following Gentlemen were elected Fellows of the Society:—

R. Dudley Baxter, Esq.

John Berry Haycraft, Esq.

William Francis Nooth, Esq., R.N.

George Kettleby Rickards, Esq.

John R. L. Walmisley, Esq.

Joseph White, Esq.

The following Papers were read:—

“On the Mining Resources of France.” By Henry Reader Lack, Esq.

“On the Distribution of the Emigrants from Europe over the surface of the United States.” By The Rev. Robert Everest.

THE MARRIAGES, BIRTHS, AND DEATHS,
REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF ENGLAND.

The Marriages for the Quarter ended March, 1855, and the Births and Deaths for the Quarter ended June, 1855,

AS PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

This return comprises the births and deaths registered by 2,196 registrars in all the districts of England during the Spring quarter that ended on June 30th, 1855; and the marriages in 12,129 churches or chapels, about 3,631 registered places of worship unconnected with the Established Church, and 628 superintendent registrars' offices, in the quarter that ended on March 31st, 1855.

The returns present these general results: the marriages in the winter quarter were much below the average numbers; the births and the deaths in the spring quarter slightly exceeded the average proportions. The severe weather, the high price of provisions, the diminution of employment in some districts, and the withdrawal of an increased number of men from the country by the army and navy abroad, account for the decrease in the marriages. The stagnation in the winter was, however, probably only temporary; for war, instead of depressing, appears to increase the industry, the invention, and the energy of Englishmen. The rapid rate of growth of the British population commenced and attained its culminating point at the close of the last war.

MARRIAGES.—29,131 marriages were celebrated in the first three months of the year; or less in number by nearly 6,000 than the marriages in the winter quarter of the year 1853, when the marriages as much exceeded as in 1855 they fell below the average. The marriages are invariably fewer in the beginning than in the end of the year; and were at the annual rate of 1,262 persons married in 100,000 living in the winter quarter, whereas the average rate is 1,426.

The excess of marriages in the winter quarter of 1853, and the diminution in the winter quarter of 1855, are most remarkable in London and in Lancashire; but they are more or less apparent in every county, except Hampshire, Suffolk, the North Riding of Yorkshire, Durham, Northumberland, and Monmouthshire.

BIRTHS.—The births of 166,250 children were registered in the quarter that

Marriages, Births, and Deaths, returned in the Years 1843-55 and in the Quarters of those Years.

YEARS.....	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855
Marriages	123818	132249	143743	145664	135845	138230	141863	152744	154206	158782	164021	159349	...
Births	527925	540763	543521	572625	539965	563059	578159	593422	615865	624012	612377	634506	...
Deaths	346445	356933	349366	390315	423304	399833	440839	368995	395396	407135	421807	438239	...
MARRIAGES.													
Quarters ended the last day of													
March.....	25285	26387	29551	31417	27480	28398	28429	30567	32724	32977	35014	33144	29131
June	31113	34268	35300	37111	35197	34721	35844	39204	38635	40092	40335	40389	...
September	28847	31675	35003	35070	32439	32995	33874	37636	37316	38400	39788	38150	...
December	38573	39919	43889	42066	40729	42116	43736	45337	45531	47313	48886	47666	...
BIRTHS.													
March.....	136837	143578	143060	145108	146453	139736	153772	144551	157286	161803	161634	160892	166186
June	131279	136941	136853	149450	139072	149760	153693	155865	159073	159081	158718	172420	165250
September	128161	130078	132369	138718	127173	140359	135223	146911	150594	151222	147561	154735	...
December	131048	130166	131219	139349	127267	133204	135471	146095	148912	151956	144444	146459	...
DEATHS.													
March.....	94926	101024	104664	89484	119672	120032	105870	98430	105359	106358	118273	111970	134605
June	87234	85337	89149	90230	106718	99727	102153	92871	99458	100625	107861	102666	106584
September	78792	79708	74872	101664	93435	87638	135227	85849	91499	100382	92332	113939	...
December	87493	90864	80681	108937	103479	92436	97539	91845	99080	99770	103341	109664	...

ended on June 30th, 1855; or less by 7,000 than were registered in the corresponding quarter of the previous year, and more, to nearly the same extent, than were registered in the spring quarters of 1851-53. In the West Midland Counties, particularly in Staffordshire, and also in Cheshire, in Lancashire, in the West Riding of Yorkshire, and in the Northern Counties, the births of the quarter exceeded, to some extent, the births in the spring quarter of 1853.

INCREASE OF POPULATION.—As the number of births was 165,250, and of deaths 106,584, the natural increase of the English population in three months may be set down as 58,666, exclusive of immigrants from Scotland, Ireland, the colonies, or foreign parts. In the same period 65,210 emigrants, including a certain number of foreigners, left the ports of the United Kingdom at which there are Government Emigration officers. How many of the emigrants were born in England has not yet been learnt; but 39,509 proceeded to the United States, 10,397 to British North America, 14,639 to the Australian colonies, and 665 to other places.

The Emigration Commissioners have compiled a new return showing the occupations of a large proportion of the 323,429 persons who emigrated during the year 1854. About 136,375 were females, 187,054 were males, and 72,942 were children under fourteen years of age, 250,487 were adults. Of the 100,918 women of the age of fourteen and upwards, 28,564 were married, 11,378 were domestic and farm servants. Of the 134,789 men of the age of fourteen and upwards, the occupations of 38,467 were left undistinguished, while of the remaining 96,322 men no less than 50,914 were labourers, gardeners, carmen, carriers, and carters, and 13,491 were farmers, 3,984 were bricklayers, masons, slaters, plasterers, and 5,185 were carpenters and joiners, 1,790 were blacksmiths, farriers, or veterinary surgeons, 1,989 were

England :—Annual Rate per cent. of Marriage, Birth, and Death, during the Years 1845-55, and the Quarters of those Years.*

Estimated Population of England in thousands in the middle of each Year.....	16721	16925	17132	17340	17552	17766	17983	18206	18403	18618	...	18786	
	YEARS	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	Mean, 1845-54	1855
Marriages	·860	·861	·793	·797	·808	·860	·858	·872	·891	·856		·846	...
Births	3·251	3·383	3·152	3·247	3·294	3·340	3·425	3·428	3·328	3·409		3·326	...
Deaths	2·089	2·306	2·471	2·306	2·612	2·077	2·199	2·236	2·292	2·354		2·284	...
MARRIAGES.													
Quarters ended the last day of													
March	·731	·757	·655	·661	·661	·702	·742	·730	·775	·726		·713	·631
June	·849	·882	·826	·805	·832	·888	·864	·885	·880	·872		·857	...
September	·830	·822	·751	·755	·766	·840	·822	·836	·856	·812		·809	...
December	1·038	·983	·940	·961	·966	1·010	1·000	1·027	1·050	1·013		1·001	...
BIRTHS.													
March	3·491	3·498	3·488	3·252	3·575	3·321	3·567	3·582	3·576	3·523		3·487	3·602
June	3·291	3·551	3·265	3·474	3·523	3·530	3·557	3·509	3·464	3·722		3·489	3·534
September	3·140	3·251	2·945	3·211	3·056	3·281	3·317	3·291	3·177	3·294		3·196	...
December	3·103	3·256	2·938	3·038	3·063	3·253	3·270	3·298	3·101	3·111		3·142	...
DEATHS.													
March	2·554	2·157	2·850	2·794	2·462	2·261	2·388	2·354	2·617	2·452		2·489	2·918
June	2·144	2·144	2·506	2·313	2·341	2·107	2·224	2·221	2·354	2·216		2·257	2·279
September	1·776	2·382	2·163	2·005	3·057	1·917	2·015	2·185	1·988	2·425		2·191	...
December	1·908	2·545	2·389	2·108	2·199	2·045	2·176	2·165	2·219	2·330		2·208	...

* The table may be read thus, without reference to the decimal points:—In the year 1848, to 100,000 of the population of England there were 797 marriages, 3,247 births, and 2,306 deaths registered. The annual rates of marriage in each of the four quarters were ·861, ·805, ·755, and ·961 per cent.; the rates of death 2·794, 2·313, 2·005, and 2·108 per cent. In reading the population on the first line add three ciphers (000). The three months January, February, March, contain 90, in leap year 91 days; the three months April, May, June, 91 days; each of the two last quarters of the year 92 days. For this inequality a correction has been made in the calculation.

tailors, 1,151 were boot and shoe makers and 933 were bakers. It will be observed that the great majority of the men are connected with agriculture, or with the building, constructive, and clothing arts; for the numbers that pursue any other special occupation, except those above enumerated, was not considerable.*

THE PRICES OF PROVISIONS, AND THE WEATHER.—The abundance or the scarcity of food sensibly affects the births, deaths, and marriages; and the state of public credit affects the employment, and, consequently, the prosperity of the people.

The average price of wheat, which in the three months April, May, June, 1853, was at 44s. 6d. a quarter, was in 1854 at 78s. 4d., and in the corresponding months

The Average Prices of Consols, of Wheat, Meat, and Potatoes, also the Average Quantity of Wheat sold and imported Weekly, in each of the nine Quarters ended June 30th, 1855.

Quarters ended	Average Price of Consols (for Money.)	Average Price of Wheat per Quarter in England and Wales.	Wheat sold in the 290 Cities and Towns in England and Wales making Returns.	Wheat and Wheat Flour entered for Home Consumption at Chief Ports of Great Britain.	Average Prices of Meat per lb. at Leadenhall and Newgate Markets (by the Carcase).		Average Prices of Potatoes (York Regents) per Ton at Waterside Market, Southwark.
			Average Number of Quarters weekly.		Beef.	Mutton.	
1853	£						
June 30.	100 $\frac{1}{2}$	44s. 6d.	84,559	82,623	4d.—5 $\frac{3}{4}$ d. Mean 4 $\frac{1}{2}$ d.	5d.—6 $\frac{3}{4}$ d. Mean 5 $\frac{1}{2}$ d.	110s.—145s. Mean 127s. 6d.
Sept. 30.	97	51s. 10d.	86,087	120,020	4 $\frac{1}{2}$ d.—6d. Mean 5 $\frac{1}{2}$ d.	5d.—7 $\frac{1}{2}$ d. Mean 6 $\frac{1}{2}$ d.	110s.—125s. Mean 117s. 6d.
Dec. 31.	93 $\frac{1}{2}$	69s. 10d.	79,002	91,627	4d.—6d. Mean 5d.	4 $\frac{1}{2}$ d.—7d. Mean 5 $\frac{3}{4}$ d.	135s.—165s. Mean 150s.
1854							
Mar. 31.	91	79s. 6d.	60,022	103,519	4 $\frac{1}{2}$ d.—6 $\frac{1}{2}$ d. Mean 5 $\frac{1}{2}$ d.	4 $\frac{1}{2}$ d.—7d. Mean 5 $\frac{3}{4}$ d.	120s.—160s. Mean 140s.
June 30.	88 $\frac{1}{2}$	78s. 4d.	55,842	103,331	4 $\frac{1}{2}$ d.—6 $\frac{1}{2}$ d. Mean 5 $\frac{3}{4}$ d.	4 $\frac{1}{2}$ d.—6 $\frac{3}{4}$ d. Mean 5 $\frac{3}{4}$ d.	137s.—172s. Mean 155s.
Sept. 30.	93 $\frac{1}{2}$	63s. 10d.	56,389	48,135	4 $\frac{1}{2}$ d.—6 $\frac{3}{4}$ d. Mean 5 $\frac{3}{4}$ d.	5d.—7d. Mean 6d.	75s.—85s. Mean 80s.
Dec. 31.	93 $\frac{1}{2}$	68s. 0d.	128,783	19,513	4 $\frac{1}{2}$ d.—6 $\frac{3}{4}$ d. Mean 5 $\frac{3}{4}$ d.	5d.—7d. Mean 6d.	95s.—105s. Mean 100s.
1855							
Mar. 31.	91 $\frac{1}{2}$	69s. 11d.	88,000	33,821	4 $\frac{1}{2}$ d.—6 $\frac{1}{2}$ d. Mean 5 $\frac{3}{4}$ d.	4 $\frac{1}{2}$ d.—6 $\frac{1}{2}$ d. Mean 5 $\frac{3}{4}$ d.	105s.—120s. Mean 112s. 6d.
June 30	90 $\frac{1}{2}$	73s. 4d.	94,791	57,068	4 $\frac{1}{2}$ d.—6 $\frac{1}{2}$ d. Mean 5 $\frac{3}{4}$ d.	4 $\frac{1}{2}$ d.—6 $\frac{3}{4}$ d. Mean 5 $\frac{3}{4}$ d.	110s.—130s. Mean 120s.
Col.	1	2	3	4	5	6	7

Note.—The total number of quarters of wheat sold in England and Wales for the 13 weeks ended June 30th, 1853, 1,099,261; for the 13 weeks ended September 30th, 1853, 1,119,128; for the 14 weeks ended December 31st, 1853, 1,106,027; for the 13 weeks ended March 31st, 1854, 780,282; for the 13 weeks ended June 30th, 1854, 725,946; for the 13 weeks ended September 30th, 1854, 733,059; for the 13 weeks ended December 31st, 1854, 1,674,173; for the 13 weeks ended March 31st, 1855, 1,143,999; and for the 13 weeks ended June 30th, 1855, 1,232,284. The total number of quarters entered for Home Consumption was, respectively, 1,074,095; 1,560,255; 1,191,149; 1,345,743; 1,343,305; 625,755; 253,669; 439,676; and 741,890.

* From a Return with which the Registrar-General has been favoured by the Emigration Commissioners.

of the present year at 73s. 4d. Bread has been dear for two years, or since the harvest of 1853. Beef is somewhat cheaper, and so are potatoes; while mutton is at the same price as in the spring of 1854.

The weather during the quarter was remarkable for the continuance of the cold, which in the previous quarter had been unusually severe. Except on a few days only, the temperature was below the average. There was a deficiency of rain. All the meteorological phenomena observed are ably described by Mr. Glaisher, p. 385.

STATE OF THE PUBLIC HEALTH.—The public health has partly recovered from the effects of the late epidemic of the cholera, and from the severe weather of last winter, and the mortality, which is on the average at the annual rate of 22·57 in 1,000 on the population, was 22·79 in 1,000 in the last quarter. The average rate of mortality in the spring quarter in 117 districts, comprising the chief towns, is 24·50 in 1,000 persons living, in the small towns and country parishes 20·88 in 1,000. The mortality in the last quarter was at the rate of 25·03 in 1,000 in the town districts, 20·97 in 1,000 in the country districts.

There were 106,584 deaths in the quarter; or 3,918 more deaths than were recorded in the corresponding quarter of 1854; for the cholera, which was epidemic in that year, only became fatal in the subsequent quarter. In the eleven divisions the deaths varied little during the spring quarters of 1853, 1854, 1855.

In London some improvements are referred by the Registrar of St. Giles' to the working of the Lodging House Act; and the health of Bermondsey has been better since the tidal ditches have been filled up, and the parish has been paved and drained.

In the South-Eastern Counties, Farnham has, for the last seven months, been suffering from low fever, hooping-cough, and measles; Canterbury, from small pox, scarlatina, and bronchitis. Alverstoke has suffered severely from scarlatina, and the deaths (211) exceed the births (121): the same excess of deaths is observed at Winchester, where 23 men died in the barracks. The death of a female, aged 105, at Windsor, is mentioned; and it is stated that her two sons are above 80 years of age.

In the South Midland Counties, Northampton and Bedford experienced a rate of

Deaths in the Spring Quarters.

	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	Total 1845-54	1855
In 117 Dis- tricts, com- prising the chief towns...	40847	43737	51585	46552	48070	42886	47774	48357	51734	50822	472364	50907
In 511 Dis- tricts, com- prising chiefly small towns and country parishes	48302	46493	55133	53175	54083	49985	51684	52268	56127	51844	519094	55677
Total.....	89149	90230	106718	99727	102153	92871	99458	100625	107861	102666	991458	106584

Population, Deaths, and Mortality per cent. in the Spring Quarters, 1845-55.

	Population Enumerated.		Deaths in 10 Spring Quarters, 1845-54.	Annual Rate of Mortality of 10 Spring Quarters, 1845-54.	Annual Rate of Mortality in the Spring Quarter 1855.
	June 6-7th, 1841.	March 31st, 1851.			
In 117 Districts, com- prising the chief towns	6,612,958	7,886,473	472,364	2·450	2·503
In 511 Districts, com- prising chiefly small towns and country parishes	9,301,190	10,041,136	519,094	2·088	2·097
All England	15,914,148	17,927,609	991,458	2·257	2·279

mortality that much exceeds the average. Scarletina has raged. In Royston the parish of Kelshall has suffered from typhus; the drainage and water are "very bad."

In the Eastern Division several districts have been healthier than usual; Norwich, Depwade, Mitford, Downham, and Thetford have, however, suffered from a higher than their average death rate. Small pox, measles, and scarlatina have prevailed in several districts of Essex and Norfolk.

In the South-Western Division the mortality is about the average, but it was higher than in the preceding year in Wilts, Devon, Cornwall, and Somerset. The excess was considerable in Chippenham, Stoke Damerel, and Liskeard. The mining population in Cornwall is not very satisfactory. One of the Registrars of Liskeard says:—

"In Calstock, one of the parishes of my district, there is an epidemic of scarlatina. Some houses of miners and others are overcrowded, and due regard is not paid to ventilation. There are no water closets, privies, or other conveniences belonging to the premises, and the places for the deposit of soil, &c., are, in many places, immediately adjoining the houses, in some, almost touching the door of the dwellings. In another parish (Callington) there are several unregistered lodging-houses, and the whole of them are in a filthy and unwholesome condition; every night there is a great influx of vagrants of the lowest order, and on my visiting them one night after ten o'clock I found five persons in a bed, and as many as eighteen in one room. It is a great pity the magistrates do not look into the matter and abate the nuisances."

In the West Midland Division the mortality was lower in the spring quarter, both in Staffordshire and Warwickshire, than it was in the spring of 1854; measles, small pox, and scarlatina, are mentioned as prevailing in some districts of Shropshire.

The mortality in Lincolnshire, of the North Midland Division, was above, in Leicestershire, Nottinghamshire, and Derbyshire, below, the death-rate of the previous spring quarter (1854). Scarletina occurred in Lincoln, Horncastle, Caistor, and Gainsborough. The frame-work knitting trade has been bad for some time in Basford, near Nottingham.

In the North Western Division 2,494 deaths were registered in Cheshire, 14,464 in Lancashire. A death from Asiatic cholera was returned at Runcorn on the 1st of June. Some sanitary improvements are noticed in the Lancashire towns. Liverpool is healthy at present. In West Derby it is said:—

"The district has been, during all the quarter, in a very healthy state, which may, in a great degree, be owing to the extent of street and house draining, street cleansing, and other excellent sanitary improvements that have been adopted by the corporation of Liverpool in the municipal part of the district."

At Wigan, sanitary improvements are progressing, such as street sewerage, drainage, and removal of nuisances. The Registrar of North Bury writes:—

"The deaths in this quarter are considerably under the average, and amount to just a-half the number of births. No small pox, measles, scarlatina, hooping-cough, or cholera. The sewerage, water-supply paving, scavenging, &c., of the town, are in a very satisfactory state. Large sums have been judiciously expended by the town commissioners during the last seven years, to the comfort and advantage of the inhabitants; and the appearance of the town now offers an agreeable contrast to other manufacturing towns in this district."

These facts are encouraging, as they show that the high mortality in the Lancashire districts may be greatly diminished, and that substantial improvements are followed by immediate results. Measles, scarlatina, and typhus, prevailed in some districts of Lancashire; and the mortality was higher in Manchester than it was in the two previous springs.

In Yorkshire the deaths (10,414) were below the average numbers; and the decrease was chiefly in the West Riding. Leeds and Sheffield were healthier than in the previous two springs. The Registrar of Bradford East refers the low mortality to sanitary improvements; vaccination is, however neglected. He, singularly enough, observes, "There is an increase in the births this quarter, caused by a slight improvement in trade, and the settling at home of a great number of the wives of the militia." The births and deaths exceed the average numbers.

The Northern Counties experienced their average rate of mortality; 5,596 of the inhabitants died. Small pox and scarlatina have been fatal in some districts of Durham; vaccination is neglected.

In Monmouthshire and Wales the deaths were 7,392, which is near the average number. Measles prevailed in Abergavenny and Crickhowell.

Marrriages Registered in the Quarters ended 31st March, 1853-55; Births and Deaths Registered in the Quarters ended 30th June, 1853-55, in the Divisions of England.

DIVISIONS.	Area in Statute Acres.	Population, 1851.	MARRIAGES						BIRTHS						DEATHS					
			Registered in the Quarter ended the last Day of																	
			March			June			March			June			March			June		
1853.	1854.	1855.	1853.	1854.	1855.	1853.	1854.	1855.	1853.	1854.	1855.	1853.	1854.	1855.						
ENGLAND.....	37,324,915	17,927,609	35,014	53,144	29,131	158,718	172,420	165,250	107,861	102,666	106,584									
<i>Divisions.</i>																				
I. London.....	78,029	2,362,236	5,862	5,373	4,723	20,628	22,109	21,446	14,594	15,114	14,984									
II. South Eastern Counties	4,065,105	1,628,386	2,461	2,316	2,176	12,639	13,730	12,761	8,632	7,984	9,133									
III. South Midland Counties	3,201,290	1,234,332	1,692	1,544	1,346	10,169	10,925	10,202	6,795	6,236	6,883									
IV. Eastern Counties.....	3,214,099	1,113,982	1,457	1,463	1,362	9,337	9,676	9,107	6,279	5,364	6,194									
V. South Western Counties	4,994,490	1,803,291	3,338	3,026	2,746	14,550	15,298	14,324	10,024	8,616	9,693									
VI. West Midland Counties	3,865,332	2,136,573	4,294	4,115	3,472	19,422	21,884	21,329	12,681	12,994	12,713									
VII. North Midland Counties	3,540,797	1,215,501	2,102	2,012	1,747	10,499	11,158	10,694	6,913	6,899	6,624									
VIII. North Western Counties	2,000,227	2,488,438	6,171	5,947	4,784	25,195	27,557	26,761	17,592	16,273	16,958									
IX. Yorkshire.....	3,654,636	1,789,047	3,982	3,612	3,170	17,161	19,015	18,036	11,442	10,905	10,414									
X. Northern Counties.....	3,492,322	969,126	1,685	1,826	1,741	8,986	9,824	9,771	5,621	5,316	5,596									
XI. { Monmouthshire and Wales.....	5,218,588	1,186,697	1,970	1,910	1,864	10,132	11,244	10,819	7,288	6,965	7,392									

On the Meteorology of England and Scotland during the Quarter ended June 30th, 1855. By JAMES GLAISHER, ESQ., F.R.S., *Sec. of the British Meteorological Society.*

During the past quarter the temperatures of a few days only have reached their average values; the cold period which set in on January 10th having continued with little intermission till June 26th. The month of April was cold; that of May was very severe. At the beginning of this month the temperature of the air at night was frequently near that of the freezing point of water. On May 5th the reading at several places exceeded 20° by 1° or 2° only; the night common to May 4th and 5th was for the most part cloudless; and vegetation was subjected to a very low temperature. At Greenwich the reading of a thermometer, placed on long grass, with its bulb exposed fully to the sky, was as low as 12°·8, a reading lower than any on record, as far as I know, at this season of the year. Snow fell at many places up to the end of May. The temperature of the month was 4°·5 below its average, and was the coldest May since that of 1837. June was cold till the 26th; on the 21st, the day of the solstice, the temperature was remarkably low at all places south of the latitude 53°, extending to the east and south coasts, but not to the west of England and to Cornwall and Devonshire; the temperature of vegetation was from 5° to 6° below that of the freezing point of water; there was a white frost everywhere within the above limits, and thick ice was formed on ponds and still water, even up to the south coast; this cold extended to the Isle of Wight, but with less severity.

The mean temperature of the air at Greenwich for the quarter ended May, constituting the three spring months, was 44°·2, being 2°·2 below the average of 84 years.

1855. Months.		Temperature of										Elastic Force of Vapour.		Weight of Vapour in a Cubic Foot of Air.	
		Air.		Evaporation.		Dew Point.		Air—Daily Range.		Water of the Thames.	Mean.	Diff. from Average of 14 Years.	Mean.	Diff. from Average of 14 Years.	
		Mean.	Diff. from Average of 84 Years.	Diff. from Average of 14 Years.	Mean.	Diff. from Average of 14 Years.	Mean.	Diff. from Average of 14 Years.	Mean.						Diff. from Average of 14 Years.
April	0	0	0	0	0	0	0	0	0	0	0	In	In.	Gr.	Gr.
	45·8	+0·1	-0·9	42·6	-1·1	38·8	-1·6	20·9	+3·5	...	·251	-·617	2·9	-0·2	
May	48·8	-3·8	-4·5	45·7	-3·8	42·3	-3·8	19·4	+0·1	52·2	·284	-·044	3·3	-0·4	
June	56·9	-1·1	-2·1	52·1	-2·1	47·8	-3·3	22·8	+3·0	59·5	·348	-·639	3·9	-0·4	
Mean.....	50·5	-1·6	-2·5	46·8	-2·3	43·0	-2·9	21·0	+2·2	...	·294	-·033	3·4	-0·3	

1855. Months.		Degree of Humidity.		Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.		Daily Horizontal Movement of the Air.	Reading of Thermometer on Grass.				
		Mean.	Diff. from Average of 14 Years.	Mean.	Diff. from Average of 14 Years.	Mean.	Diff. from Average of 14 Years.	Amnt.	Diff. from Average of 40 Years.		Number of Nights it was			Lowest Reading at Night.	Highest Reading at Night.
										At or below 32°.	Between 32° and 40°.	Above 40°.			
April	78	- 2	In.	In.	Gr.	Gr.	In.	In.	Miles.	16	12	2	17·0	41·5	
			29·933	+·195	544	+ 4	0·1	-1·7	96						
May	80	+ 1	29·679	-0·098	536	+ 3	1·8	-0·3	117	13	12	6	12·8	50·0	
June	74	- 2	29·863	+0·079	530	+ 4	0·7	-1·2	87	6	8	16	26·0	53·0	
Mean.....	77	- 1	29·825	+·058	537	+ 4	Sum	Sum	100	Sum	Sum	Sum	12·8	53·0	
							2·6	-3·2		35	32	24			

Note.—In reading this table it will be borne in mind that the sign (-) minus signifies below the average, and that the sign (+) plus signifies above the average.

Meteorological Table, Quarter ended June 30th, 1855.

NAMES OF STATIONS.	Mean Pressure of Dry Air reduced to the Level of the Sea.	Mean Temperature of the Air.	Highest Reading of the Thermometer.	Lowest Reading of the Thermometer.	Mean Daily Range of the Temperature.	Mean Monthly Range of the Temperature.	Range of Temperature in the Quarter.	WIND.		Mean Amount of Cloud.	RAIN.		Mean Degree of Humidity.
								Mean estimated Strength.	General Direction.		Number of Days on which it fell.	Amount collected.	
Jersey.....	in. 29.695	° 48.6	° 77.0	° 34.0	° 8.8	° 28.7	° 43.0	1.7	W.S.W. & N.E.	5.4	26	in. 5.1	89
Falmouth.....	.....	° 51.2	° 75.0	° 31.0	° 14.0	° 34.7	° 44.0	1.8	N.E.	6.4	35	9.6	...
Truro.....	29.695	° 50.0	° 76.0	° 22.0	° 15.5	° 42.0	° 54.0	1.7	N.	6.6	33	8.3	78
Teignmouth.....	29.720	° 49.7	° 73.6	° 22.2	° 14.6	° 36.0	° 46.4	0.5	Var.	6.0	37	5.3	79
Exeter.....	29.704	° 50.8	° 79.0	° 24.0	° 17.0	° 42.0	° 55.0	2.3	Var.	4.1	40	7.5	77
Newport.....	29.711	° 50.7	° 79.6	° 24.9	° 19.4	° 46.3	° 54.7	2.4	Var.	6.2	31	3.3	75
Clifton.....	29.702	° 49.3	° 82.8	° 24.2	° 17.8	° 47.0	° 58.6	0.9	N.E. & N.W.	5.6	41	6.2	83
Royal Observatory.....	29.709	° 50.5	° 83.5	° 25.9	° 21.0	° 48.1	° 57.6	.....	N.E. & S.W.	6.6	25	2.6	77
Somerset House.....	.....	° 49.9	.....	° 24.9	° 15.2	.....	.....	.....	N.W.	.....	.....	.....	71
Oxford.....	29.711	° 50.2	° 81.1	° 27.7	° 18.1	° 44.2	° 53.4	2.0	N.W. & N.E.	7.2	34	4.6	78
Hartwell Rectory.....	29.666	° 50.2	° 81.9	° 23.4	° 20.2	° 49.6	° 58.5	1.2	N.E. & S.W.	5.9	37	3.5	81
Royston.....	29.755	° 50.1	° 83.6	° 23.3	° 20.1	° 49.9	° 60.3	.....	N.	6.2	55	4.2	74
Lampeter.....	29.722	° 49.0	° 79.9	° 21.4	° 19.0	° 48.3	° 58.5	1.5	N.W.	6.3	47	8.3	81
Norwich.....	29.694	° 49.9	° 83.0	° 27.0	° 18.5	° 45.3	° 56.0	1.8	N.E. & N.W.	6.6	25	4.3	80
Derby.....	29.734	° 48.4	° 79.0	° 26.0	° 18.7	° 43.0	° 53.0	.....	Var.	.....	39	5.2	74
Holkham.....	29.709	° 48.2	° 81.7	° 24.7	° 15.5	° 45.4	° 57.0	1.4	N. & N.E.	5.7	27	3.8	80
Nottingham.....	29.739	° 50.2	° 83.3	° 22.6	° 16.0	° 47.9	° 60.7	0.9	N. & N.E.	6.9	41	5.3	73
Hawarden.....	29.689	° 48.9	° 77.5	° 28.0	° 14.5	° 30.3	° 49.5	1.6	N.W.	6.7	27	4.9	85
Gainsborough.....	.....	° 48.7	° 84.0	° 27.0	° 16.0	° 44.7	° 57.0	0.6	Var.	5.7	39	4.0	78
Warrington.....	29.676	° 48.7	° 80.8	° 24.9	° 17.3	° 45.3	° 55.9	0.6	Var.	5.6	36	5.9	85
Wakefield.....	29.707	° 49.4	° 82.7	° 22.2	° 21.0	° 51.6	° 60.5	1.9	W. & N.	6.6	54	4.8	75
York.....	29.691	° 47.5	° 78.0	° 25.0	° 16.4	° 45.7	° 53.0	.....	N.E.	.....	25	3.1	77
Scarborough.....	29.702	° 46.5	° 71.5	° 29.0	° 42.3	° 31.0	° 42.5	.....	Var.	.....	.....	.....	82
North Shields.....	.....	° 46.1	° 74.5	° 27.5	° 12.4	° 36.1	° 47.0	2.4	Var.	6.1	41	7.7	91
Arbroath.....	29.683	° 46.8	° 73.0	° 26.0	° 18.2	° 36.7	° 47.0	1.1	Var.	6.5	26	3.8	71

REVENUE.

An Abstract of the Net Produce of the Revenue of the United Kingdom in the Years and Quarters ended 30th September, 1854 and 1855; showing the Increase or Decrease thereof.—(Continued from page 297.)

Sources of Revenue.	Years ended 30th September.			
	1854.	1855.	Increase.	Decrease.
	£	£	£	£
Customs.....	20,316,431	21,607,218	1,290,787	....
Excise	15,744,613	16,710,391	965,778	....
Stamps	6,984,076	7,084,548	100,472	....
Taxes.....	3,153,773	2,915,036	....	238,737
Property Tax	6,965,614	13,449,761	6,484,147	....
Post Office.....	1,365,000	1,158,181	....	206,819
Crown Lands.....	321,572	275,516	....	46,056
Miscellaneous	940,658	935,867	....	4,79
Totals.....	55,791,737	64,136,518	8,841,184	496,403
			Net Increase £8,344,781	
Sources of Revenue.	Quarters ended 30th September.			
	1854.	1855.	Increase.	Decrease.
	£	£	£	£
Customs	5,349,251	5,713,674	364,423	....
Excise	5,212,782	4,946,776	....	266,006
Stamps	1,707,509	1,604,165	....	103,344
Taxes.....	133,577	111,374	....	22,203
Property Tax.....	2,545,056	4,538,646	1,993,590	....
Post Office.....	343,000	261,757	....	81,243
Crown Lands.....	61,572	66,516	4,944	....
Miscellaneous	154,594	188,557	33,963	....
Totals.....	15,507,341	17,431,465	2,396,920	472,796
			Net Increase £1,924,124	

An Account showing the Net Revenue and other Receipts of the Quarter ended the 30th of September, 1855; the Application of the same, and the Charge of the Consolidated Fund for the said Quarter, together with the Surplus or Deficiency upon such Charge.

Surplus balance beyond the charge of the Consolidated Fund, for the quarter ended June 30th, 1855, viz. :—	£		Amount applied out of the net income for the quarter ended September 30th, 1855, to redemption of Exchequer Bills (Deficiency) for the quarter ended June 30th, 1855	3,806,483
Great Britain		£390,907	Amount applied to redemption of Ways and Means Bills issued in the quarter ended June 30th, 1855	1,740,000
Ireland		390,907	Net amount applied out of the Consolidated Fund, to supply services in the quarter ended September 30th, 1855	14,024,840
Net Income received in the quarter ended September 30th, 1855, as shown in page 387		17,431,465	Charge of the Consolidated Fund for the quarter ended September 30th, 1855, viz. :—	
Amount received in the quarter ended September 30th, 1855, in part of Loan of £16,000,000		5,668,000	Interest of the Permanent Debt	5,582,596
Amount of Exchequer Bills (Supply) issued in the quarter ended September 30th, 1855, to the Commissioners for the Reduction of the National Debt to redeem Ways and Means Bills held by them		2,700,000	Terminable Debt	1,297,412
Amount received in the quarter ended September 30th, 1855, in repayment of advances for Public Works, &c.		209,444	Interest of Exchequer-Bills (Deficiency)	2,677
		26,399,816	Ditto (Ways and Means)	19,281
Balance, being the deficiency on the 30th Sept., 1855, upon the charge of the Consolidated Fund in Great Britain, to meet the Dividends and other Charges payable in the quarter to December 31st, 1855, and for which Exchequer Bills (Deficiency) will be issued in that quarter		858,442	The Civil List	99,907
		£27,268,258	Other charges on Consolidated Fund	327,907
			Advances for Public Works, &c.	482,270
				7,861,400
			Surplus Balance beyond the charge of the Consolidated Fund, for the quarter ended September 30th, 1855, viz. :—	
			Great Britain	320,585
			Ireland	820,855
				£27,268,258

CORN.

Average Prices of Corn per Imperial Quarter in England and Wales, during each Week of the Third Quarter of 1855; together with the Monthly and Quarterly Average—(Continued from p. 299.)

[Communicated by H. F. JADIS, Esq., Comptroller of Corn Returns.]

Weeks ended on a Saturday, 1855.		Weekly Average.					
		Wheat.	Oats.	Barley.	Rye.	Beans.	Peas.
July	7	<i>s. d.</i> 76 1	<i>s. d.</i> 28 6	<i>s. d.</i> 34 5	<i>s. d.</i> 44 6	<i>s. d.</i> 46 4	<i>s. d.</i> 40 9
"	14	75 11	28 8	34 7	44 8	45 11	42 4
"	21	76 4	28 5	34 8	45 2	46 0	42 10
"	28	77 7	29 1	34 8	43 1	46 10	42 4
Average for July		76 5½	28 8	34 7	44 4½	46 3½	42 0½
August	4	78 2	28 11	35 0	46 11	46 11	42 5
"	11	77 7	29 1	34 8	47 2	47 3	43 1
"	18	75 9	29 1	34 2	42 4	46 6	43 7
"	25	73 7	27 6	34 5	43 6	46 4	40 0
Average for August		76 3½	28 7½	34 6½	44 11½	46 9	42 3½
September	1	72 7	29 3	34 9	42 7	46 9	38 8
"	8	74 10	28 2	35 0	43 11	47 10	39 4
"	15	76 9	28 6	35 3	45 3	48 0	43 5
"	22	77 8	28 8	35 9	47 8	49 1	42 11
"	29	77 3	28 4	36 4	48 8	49 5	45 4
Average for September		75 9½	28 7	35 5	45 7	48 2	41 11
Average for the Quarter		76 1½	28 7½	34 10½	45 0	47 1½	42 0½

STOCKS AND SHARES.

Fluctuations in the Stock and Share Markets during the Months of July, August, and September, 1855.—(Continued from p. 299.)

Stocks and Shares.	Amt. of Share.	Amt. Paid.	Price on the			Highest Price during the Months of			Lowest Price during the Months of		
			2 July.	1 Aug.	1 Sept.	July.	Aug.	Sept.	July.	Aug.	Sept.
Consols .....	...	...	91 to ½	90½ to 91	91 to ½	91½	91½	91½	90½	90½	88½
Exchequer Bills .....	...	...	23s. 6d. Pm.	22s. 6d. Pm.	12s. 6d. Pm.	27s. Pm.	24s.	15s. Pm.	20s. Pm.	13s.	5s. dis.
RAILWAYS,											
Brighton	Stock	100	101	99	97½	102	100	98½	100	98	95
Caledonian	"	100	62½	63	63	63½	63½	62½	62½	62½	60½
Eastern Counties	"	20	12½	11½	11	12½	11½	11	11½	10½	9½
Great Northern	"	100	93	90½	88½	93½	91	88½	89½	88½	85½
Great Western	"	100	67	64½	55½	67	64½	57½	64½	64½	54½
London & North-Western	"	100	100½	98½	94½	101½	99½	95	97½	94½	90½
Midland	"	100	72½	69½	69½	73½	72½	69½	69½	69½	63½
Lancashire and Yorkshire	"	100	81	80½	81½	82	84½	82½	80½	80½	76½
North Staffordshire	20	17½	13½	11	11	12½	11½	11	10½	10½	10½
South-Eastern	Stock	100	61½	61	61	62½	62½	61	60½	60½	56½
South-Western	"	100	83	86½	84½	87	88	84½	83	80½	81
York, Newcastle, & Berwick	"	100	74	73	73	74	74	72½	72½	72½	68½
York and North Midland	"	100	50½	49	48½	50½	49½	48½	48½	48½	45½
Northern of France	20	16	35½	35½	36½	37	37½	36½	35½	35½	34½
East Indian	20	20	25½	24½	24½	25½	24½	24½	24½	24½	22½

CURRENCY.

BANK OF ENGLAND.

An Account, pursuant to the Act 7th and 8th Victoria, c. 32, for each Week ended on a Saturday, for the Third Quarter of 1855.—(Continued from p. 300.)

[Compiled from the "Bankers' Magazine."]

ISSUE DEPARTMENT.

Date.	Notes Issued.	Notes in hands of Public.	Government Debt.	Other Securities.	Gold Coin and Bullion.	Silver Bullion.
1855.	£	£	£	£	£	£
July 7 ...	30,895,085	20,482,750	11,015,100	2,984,900	16,895,085	...
" 14 ...	30,631,890	20,978,870	11,015,100	2,984,900	16,631,890	...
" 21 ...	29,980,810	20,772,865	11,015,100	2,984,900	15,980,810	...
" 28 ...	29,745,990	20,964,845	11,015,100	2,984,900	15,745,990	...
Aug. 4 ...	29,601,590	20,709,290	11,015,100	2,984,900	15,601,590	...
" 11 ...	29,650,275	20,493,480	11,015,100	2,984,900	15,650,275	...
" 18 ...	29,506,690	20,377,140	11,015,100	2,984,900	15,506,690	...
" 25 ...	28,916,770	20,042,215	11,015,100	2,984,900	14,916,770	...
Sept. 1 ...	28,368,010	20,104,630	11,015,100	2,984,900	14,368,010	...
" 8 ...	27,668,005	20,142,105	11,015,100	2,984,900	13,668,005	...
" 15 ...	27,110,270	19,713,470	11,015,100	2,984,900	13,110,270	...
" 22 ...	26,695,250	19,408,435	11,015,100	2,984,900	12,695,250	...
" 29 ...	26,368,255	20,172,685	11,015,100	2,984,900	12,368,255	...

BANKING DEPARTMENT.

Date.	Proprietors' Capital.	Rest.	Public Deposits.	Other Deposits.	Seven Day and other Bills.	Total Dr.
1855.	£	£	£	£	£	£
July 7 ...	14,553,000	3,177,665	6,852,350	12,586,891	1,017,440	38,187,346
" 14 ...	14,553,000	3,221,280	2,811,014	15,048,543	1,054,242	36,688,049
" 21 ...	14,553,000	3,252,303	3,178,033	13,604,199	1,061,838	35,649,373
" 28 ...	14,553,000	3,256,786	4,221,408	11,883,528	1,511,615	35,426,337
Aug. 4 ...	14,553,000	3,380,872	5,152,221	11,887,328	1,052,978	35,966,399
" 11 ...	14,553,000	3,360,660	6,266,890	11,604,444	1,003,187	36,788,181
" 18 ...	14,553,000	3,369,751	6,407,739	12,250,406	1,012,112	37,593,008
" 25 ...	14,553,000	3,327,349	6,971,825	11,674,829	997,165	37,524,168
Sept. 1 ...	14,553,000	3,628,723	7,267,969	11,098,018	979,851	37,527,561
" 8 ...	14,553,000	3,637,340	7,591,337	10,970,353	981,556	37,743,586
" 15 ...	14,553,000	3,644,704	7,838,531	11,146,762	990,140	38,173,137
" 22 ...	14,553,000	3,637,207	8,389,892	11,266,877	1,000,541	38,867,517
" 29 ...	14,553,000	3,670,125	8,147,209	11,437,955	1,001,743	38,807,032

Date.	Government Securities.	Other Securities.	Notes.	Gold and Silver Coin.	Total Cr.
1855.	£	£	£	£	£
July 7 ...	13,757,224	13,328,806	10,412,335	688,981	38,187,346
" 14 ...	13,656,190	12,681,833	9,653,020	697,006	36,688,049
" 21 ...	13,071,978	12,706,108	9,207,945	663,342	35,649,373
" 28 ...	13,092,528	12,913,263	8,781,145	639,402	35,426,337
Aug. 4 ...	12,851,030	13,592,925	8,892,300	630,144	35,966,399
" 11 ...	12,766,624	14,239,692	9,156,845	625,020	36,788,181
" 18 ...	12,810,164	14,943,006	9,229,550	610,288	37,593,008
" 25 ...	13,025,164	14,995,232	8,874,555	629,217	37,524,168
Sept. 1 ...	13,031,088	15,661,985	8,263,380	571,108	37,527,561
" 8 ...	13,031,088	16,637,227	7,525,900	549,371	37,743,586
" 15 ...	12,799,368	17,388,784	7,396,800	538,185	38,173,137
" 22 ...	12,498,067	18,509,278	7,286,815	573,357	38,867,517
" 29 ...	12,125,028	19,915,570	6,195,570	570,673	38,807,032

CURRENCY.—Continued.

COUNTRY BANKS.

Average amount of Promissory Notes in Circulation in England and Wales in each Week ended on a Saturday, for the last two weeks of the First Quarter, and for the Second Quarter of 1855.—(Continued from page 200.)

[Compiled from the "Bankers' Magazine."]

ENGLAND AND WALES.			
Date.	Private Banks.	Joint Stock Banks.	Total.
1855.	£	£	£
Mar. 24.....	3,802,534	3,119,073	6,921,607
„ 31.....	3,878,766	3,158,411	7,037,177
April 7.....	3,976,408	3,173,208	7,149,616
„ 14.....	3,993,005	3,154,998	7,148,003
„ 21.....	3,977,880	3,173,259	7,151,139
„ 28.....	3,944,434	3,167,155	7,111,589
May 5.....	3,932,228	3,143,969	7,076,197
„ 12.....	3,895,863	3,123,130	7,018,993
„ 19.....	3,894,434	3,139,829	7,034,263
„ 26.....	3,850,155	3,092,917	6,943,072
June 2.....	3,800,342	3,043,629	6,843,971
„ 9.....	3,777,970	3,008,907	6,786,877

Fixed Issues—Private Banks, £4,600,718 ; Joint Stock Banks, £3,325,857.

Average amount of Promissory Notes in Circulation in Scotland and Ireland during the Four Weeks ended the 14th April, the 12th May, and the 6th June, 1855.—(Continued from page 200.)

SCOTLAND.			
Date.	£5 and above.	Under £5.	Total.
1855.	£	£	£
April 14.....	1,316,601	2,426,335	3,742,940
May, 12.....	1,413,195	2,488,000	3,901,201
June 9.....	1,632,707	2,744,987	4,377,695

IRELAND.			
Date.	£5 and above.	Under £5.	Total.
1855.	£	£	£
April 14.....	3,040,045	3,422,412	6,462,458
May 12.....	3,122,553	3,219,696	6,342,250
June 9.....	3,025,748	2,996,235	6,021,985

Fixed Issues—Scotland, £3,087,209 ; Ireland, £6,354,494.

CURRENCY.—Continued.

COUNTRY BANKS.

Average amount of Promissory Notes in Circulation in England and Wales in each week, ended on a Saturday, for the last Three Weeks of the Second Quarter, and for the Third Quarter of 1855.—(Continued from last page.)

[Compiled from the "Banker's Magazine."]

ENGLAND AND WALES.			
Date.	Private Banks.	Joint Stock Banks.	Total.
1855.	£	£	£
June 16.....	3,753,479	3,989,405	6,742,884
„ 23.....	3,760,446	3,001,227	6,761,673
„ 30.....	3,774,481	3,013,800	6,788,281
July 7.....	3,818,403	3,037,361	6,855,764
„ 14.....	3,814,373	3,052,584	6,866,957
„ 21.....	3,766,997	3,003,247	6,770,244
„ 28.....	3,705,297	2,916,761	6,622,058
Aug. 4.....	3,649,541	2,876,260	6,525,801
„ 11.....	3,619,686	2,871,980	6,491,666
„ 18.....	3,595,509	2,889,853	6,485,362
„ 25.....	3,607,003	2,914,710	6,521,713
Sept. 1.....	3,600,178	2,927,357	6,527,535
„ 8.....	3,619,991	2,936,065	6,556,056
„ 15.....	3,658,112	3,003,928	6,662,040
„ 22.....	3,731,676	3,062,988	6,794,664
„ 29.....	3,840,639	3,085,199	6,925,838

Fixed Issues—Private Banks, £4,600,718 ; Joint Stock Banks, £3,325,857.

Average amount of Promissory Notes in Circulation in Scotland and Ireland during the Months ended the 7th of July, the 4th of August, and the 1st of September, 1855.—(Continued from last page.)

SCOTLAND.			
Date.	£5 and above.	Under £5.	Total.
1855.	£	£	£
July 7.....	1,522,027	2,593,875	4,115,907
Aug. 4.....	1,479,463	2,569,249	4,048,716
Sept. 1.....	1,405,943	2,557,885	3,963,833

IRELAND.			
Date.	£5 and above.	Under £5.	Total.
1855.	£	£	£
July 7.....	2,927,531	2,825,069	5,752,602
Aug. 4.....	2,934,494	2,729,424	5,663,922
Sept. 1.....	2,839,760	2,754,800	5,594,562

Fixed Issues—Scotland, £3,087,209 ; Ireland, £6,354,494.