

upon the farm, so that the landowner should not be mulcted by having to allow a higher rent value for the part he resumed, than the judicial rent put upon the best bit of land upon the whole farm by the Commissioners, when engaged in the simple and now stereotyped operation of reducing the rent by 25 per cent.

Finally, we may sum up the question of whether we shall re-afforest or not, by saying :—If you want shelter, then plant for shelter. If you want to add to the beauty of the scenery or to give employment to the labourers, then plant for that. But as to planting trees as a speculation, and waiting for twenty-five years to get some profit, one feels inclined to give the same advice that Punch gave to those about to get married—Don't.

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VI.—*On some Comparative Statistics of Irish Counties, compiled from the Returns obtained during the late Census and the Census of 1841, and other publications issued by the General Register Office of Ireland.* By T. W. Grimshaw, M.A. M.D. Registrar-General for Ireland.

[Read Tuesday, 22nd May, 1883.]

In the following statement I wish to bring under review a number of statistics which I have arranged since the completion of the Census of 1881. These statistics are not altogether derived from the census reports, but are to some extent extracted from the other publications issued by the General Register Office of Ireland.

The main features are founded on comparisons instituted between the years 1841 and 1881, as derived from the census enumerations of these periods. The reason why I have selected these epochs for comparison with one another, is that the earlier period was before the great crisis of 1847, and, what is equally important from my point of view, was the census year immediately preceding the year 1845, when the population of Ireland is supposed to have reached its maximum—being estimated in the middle of the year at 8,295,061. The remaining items of comparison are extracted from the published reports on Agricultural Statistics in Ireland, Emigration Reports, Reports on Births, Deaths, and Marriages, and Migratory Labourer Returns. It is especially gratifying to note that several of the items of information have been collected at the instance of the Statistical and Social Inquiry Society of Ireland. In arranging these statistics, I have endeavoured to place them so that the principal statistical facts with regard to the Counties of Ireland will be presented in such a way that the more important social conditions of each may be compared with any other, or with a selected group of counties, with a province, or with the whole of Ireland—the provinces with one another, and with the country as a whole.

In making the selection of the subjects to be illustrated by these statistics, I have chosen those which appear to me to present the most salient points; which tend to invite the smallest amount of

criticism as to what they really represent; and which tell their own tale in the most emphatic and least ambiguous manner.

The accompanying table (Table I.) may seem somewhat startling in its complexity and extent; but a careful analysis of the headings of its columns will show that each expresses a very distinct idea. No doubt the heading of each column might serve as a text for a long discourse, raising many questions difficult of solution; indeed this is so much the case that many might think that my part of the duty had been sufficiently performed when I had compiled and tabulated the statistics, leaving it to others to draw conclusions.

While the main object of this paper is to supply certain materials which can be utilized by anyone, I think it right to make some remarks indicating the manner in which I consider these important statistics may be dealt with as tests of the social condition of the people in various parts of Ireland. In giving examples of the manner in which the statistics may be employed, I shall avoid sentimental and controversial considerations, as far as possible, and look at the question from practical points of view. I have no wish to despise sentiment, which must be always taken into consideration when applying the maxims of political economy; but I wish to leave sentiment to others, and deal only with the hard facts and figures now before me.

Looking generally at the table, the subjects dealt with therein divide themselves into four great groups—(1) Population and vital statistics; (2) Statistics of the relation of the population to the land; (3) Occupation statistics; and (4) Education statistics. Looking at these generally, we find that the first group indicates the increase and decrease of population, and the causes which have influenced these movements; the second and third groups deal with the means of subsistence of the population; and the fourth group indicates how far the population is in a condition to take advantage of the means of subsistence, so as to increase in wealth and comfort, or, what is equally important—avoid pauperism and misery. I think it will be admitted that the best means of avoiding pauperism and misery, with their attendants of crime and disease, is *the* great problem to be solved in Ireland; and it is chiefly with a view of assisting those who are endeavouring to solve this problem that I have arranged the facts which I now bring forward. I believe these statistics will indicate with tolerable clearness those parts of Ireland where prosperity and the conditions for prosperity prevail to the greatest extent, and on the other hand where the contrary conditions are to be found developed in the greatest intensity.

A review of the columns of this table will show that in some the variations are great indeed, and point to very different social conditions, in so far as the particular item dealt with is concerned, while in others the variations are slight, and so liable to influence by adventitious circumstances that they point to but small comparative differences.

It will be observed that some of the columns have a greater import than others, and these may be considered as leading columns; thus in the columns relating to population, columns 4 and 6—giving

the per-centage of total increase or decrease of population for each county, province, etc.—are the most important. Next in order are columns 20 and 21, relating to emigration, which forms the most important factor in the increase and decrease of the population of Ireland, overshadowing in importance the birth rate (column 23), and death rate (column 24), which in most communities are the principal elements influencing the movement of populations. Similarly, leading columns will be found in the other branches of inquiry dealt with in the table.

In order that these, which I consider the more important items, may be most readily compared, I have arranged the counties in lists according to the numerical position which they occupy in each of the leading columns.

A comparison of these lists will show that certain counties are generally found at the extremes of the list, either at or near the head, or at or near the foot, and those who are familiar with conditions of life in Ireland will find those counties where the means of subsistence are lowest and resources either small or badly developed, grouped towards one end (we may call it the *minimal* end) of most of the lists, whereas the more prosperous counties will be found grouped at the other, or *maximal*, end of the columns.

It will here be convenient to state that when I use the term “western counties,” I mean the counties contained in the province of Connaught, together with Donegal, Clare, and Kerry. I shall have to refer to this division of the counties further on.

Now without entering upon the domain of controversy, I think it will be admitted that in those portions of an agricultural country like Ireland, where the population is increasing, stationary, or but slightly decreasing, and therefore continues comparatively dense, the means of subsistence are at the minimum, and that this state is intensified where the land is poor, the agricultural holdings small, trade and manufactures absent, or pursued but to a small extent, or where, as in many parts of Ireland, the people have to follow the precarious occupation of migratory agricultural labourers, in order to make up the balance of income necessary to existence—and that these conditions will culminate in a state almost verging on disaster, when they are increased by a deplorable deficiency of elementary education. If this statement is admitted, and I think it cannot be denied, we have a series of standards established by which we can measure each principal social element in each county in Ireland, and by the combination of which we can fairly, though roughly, estimate the social condition and probable degree of prosperity of the population in each part of the country. I have accordingly selected certain items as standards of measurement, and arranged the counties of Ireland in lists which represent their order of merit in relation to those standards.

Following the grouping of the subjects which I have already indicated, we first come to the question of increase and decrease of population, as shown in columns 1 to 16 inclusive of Table I. This division of the table is classified into total population, rural population, and civic population. The leading columns among these are

columns 4 and 6, indicating the per-centage increase and decrease of the total population between the Census of 1841 and that of 1881. The counties arranged in order from the greatest increase (in Antrim of 19.1 per cent.), to the greatest decrease (in Tipperary of 54.2 per cent.), are shown in Table II.

TABLE II.

SHOWING INCREASE AND DECREASE PER CENT. IN POPULATION OF IRISH COUNTIES BETWEEN 1841 AND 1881, ARRANGED FROM THE GREATEST INCREASE TO THE GREATEST DECREASE.

	Per cent.		Per cent.
1 Antrim, Increase	19.1	16 Waterford, Decrease	42.5
2 Dublin, ,,	12.4	17 Wicklow, ,,	44.2
3 Londonderry, Decrease	25.7	18 Galway, ,,	45.2
4 Down, ,,	26.1	19 Limerick, ,,	45.3
5 Armagh, ,,	29.8	20 Fermanagh, ,,	45.8
6 Donegal, ,,	30.5	21 Carlow, ,,	46.0
7 Kerry, ,,	31.6	22 Cavan, ,,	46.8
8 Kildare, ,,	33.8	23 Longford, ,,	47.2
9 Mayo, ,,	36.7	24 Roscommon, ,,	47.8
<i>Average Decrease for Ireland, 36.7</i>		25 Monaghan, ,,	48.7
10 Tyrone, Decrease	36.8	26 Westmeath, ,,	49.2
11 Sligo, ,,	38.3	27 King's, ,,	50.4
12 Wexford, ,,	38.7	28 Clare, ,,	50.6
13 Louth, ,,	39.4	29 Kilkenny, ,,	50.8
14 Leitrim, ,,	41.8	30 Meath, ,,	52.2
15 Cork, ,,	42.0	31 Queen's, ,,	52.5
		32 Tipperary, ,,	54.2

Now if all other conditions were equal—which they are not—it is manifest that the struggle for existence would be greatest where the population has increased, remained stationary, or but slightly diminished; whereas it would be least where the population has considerably diminished. Therefore life would be harder in Antrim and Dublin than in Queen's County and Tipperary. There are mitigating influences in force—namely, the presence of large and thriving towns in the two former counties, which make their population as prosperous, if not more prosperous, than the population in the two latter. If, however, we take other counties near the minimal end of the list, where there are no mitigating causes, we find a very unfavourable contrast in the cases of Donegal, Kerry, and Mayo, when compared with the counties at the other extreme of the list. This will be more strikingly illustrated when I deal with the statistics of occupation and education.

The next most important elements are those which denote the causes of increase and decrease of population. I have already pointed out that emigration is the great factor here. The proportion of emigrants to the population between the year 1851, when emigration returns were first collected, and 1881, is shown in columns 20 and 21 of Table I., and the counties are arranged in order in Table III.

TABLE III.

SHOWING THE PROPORTION OF EMIGRANTS PER CENT. OF THE MEAN POPULATION WHO LEFT EACH COUNTY OF IRELAND FROM THE YEAR 1851 TO THE YEAR 1881, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	Per cent.		Per cent.
1 Dublin, ...	19.1	18 Queen's, ...	45.0
2 Wicklow, ...	26.2	19 Leitrim, ...	45.5
3 Kildare, ...	31.0	20 Kilkenny, ...	45.9
4 Sligo, ...	32.9	21 Monaghan, ...	46.4
5 Mayo, ...	33.6	22 Meath, ...	46.6
6 Donegal, ...	36.3	<i>Average for Ireland, 47.3</i>	
7 Down, ...	36.5	23 King's, ...	49.3
8 Louth, ...	37.2	24 Antrim, ...	50.5
9 Armagh, ...	37.7	25 Cavan, ...	53.6
10 Wexford, ...	39.5	26 Waterford, ...	54.3
11 Fermanagh, ...	39.7	27 Longford, ...	58.2
12 Carlow, ...	40.9	28 Kerry, ...	60.1
13 Londonderry, ...	41.2	29 Clare, ...	61.9
14 Tyrone, ...	42.2	30 Cork, ...	62.7
15 Roscommon, ...	43.0	31 Limerick, ...	62.8
16 Westmeath, ...	43.1	32 Tipperary, ...	63.2
17 Galway, ...	43.2		

As a matter of course, it will be found that the order in this table is very similar to that in Table II.

Closely related to the emigration statistics are those found in column 19, Table I., respecting the birth-places of the people. Just as the rate of emigration indicates the desire or the ability of the most enterprising members of a community to seek a larger field for the employment of their energies, so the proportion of population residing in the locality in which they were born is an indication of the degree of activity of the community. If the locality is a prosperous one, with plenty of employment, strangers will flock into it, and the native population will be diluted by persons born outside its boundaries.

The counties of Ireland have been arranged in Table IV. in the order represented by the figures in column 19 of Table I.

TABLE IV.

SHOWING THE PROPORTION PER 1,000 OF THE POPULATION RESIDENT IN EACH COUNTY IN IRELAND IN 1881, WHO WERE BORN THEREIN, ARRANGED FROM THE HIGHEST TO THE LOWEST.

	No.		No.
1 Mayo, ...	963	17 Fermanagh, ...	895
2 Kerry, ...	960	18 Limerick, ...	891
3 Donegal, ...	955	19 Queen's, ...	882
4 Clare, ...	951	20 Meath, ...	880
5 Galway, ...	940	21 Armagh, ...	879
6 Leitrim, ...	935	22 Westmeath, ...	878
7 Wexford, ...	935	23 Londonderry, ...	876
8 Cavan, ...	934	24 Down, ...	876
9 Sligo, ...	931	25 Waterford, ...	874
10 Roscommon, ...	928	26 Louth, ...	871
11 Cork, ...	927	27 Antrim, ...	862
12 Tyrone, ...	918	28 Carlow, ...	861
13 Monaghan, ...	918	29 Wicklow, ...	843
14 Longford, ...	908	30 King's, ...	839
15 Kilkenny, ...	905	31 Kildare, ...	753
16 Tipperary, ...	898	32 Dublin, ...	619

In this case, the contrast between the minimal and maximal extremities of the table is particularly well marked. We find some half-dozen of the least prosperous counties of Ireland at one end, and a similar number of the most prosperous at the other end of the list.

We next come to a very important element in the social condition of an agricultural country, namely, the relations of the population to the land. These relations are dealt with in columns 25 to 39 inclusive of Table I., which are principally extracted from the tables compiled during the late census at a request from this Society founded on the very suggestive paper of Mr. Jephson, read before the Society on 17th of February, 1880. Columns 25 and 26 show the number of acres of arable and pasture land to each person in the years 1841 and 1881 respectively. It will be observed that where large town populations exist, as in Dublin, Antrim and Down, little alteration has taken place in the forty years in the proportion between the area of land and the number of people; whereas in the more rural districts the amount of land to persons has generally doubled. The practical question, however, is—how does it stand at present? Table V. illustrates this point.

TABLE V.

SHOWING NUMBER OF ACRES OF ARABLE AND PASTURE LAND TO EACH PERSON IN EACH COUNTY OF IRELAND IN 1881, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	Acres.		Acres.
1 Dublin, ...	0.5	16 Leitrim, ...	3.2
2 Antrim, ...	1.4	17 Longford, ...	3.3
3 Armagh, ...	1.7	18 Roscommon, ...	3.6
4 Down, ...	1.9	19 Kerry, ...	3.7
5 Louth, ...	2.2	20 Fermanagh, ...	4.0
6 Londonderry, ...	2.4	21 Galway, ...	4.0
7 Monaghan, ...	2.7	22 Carlow, ...	4.2
8 Tyrone, ...	2.9	23 Wexford, ...	4.2
9 Mayo, ...	2.9	24 Tipperary, ...	4.3
10 Sligo, ...	2.9	25 Clare, ...	4.3
11 Cork, ...	2.9	26 Kilkenny, ...	4.5
12 Waterford, ...	2.9	27 Kildare, ...	4.8
13 Cavan, ...	3.0	28 Queen's, ...	4.8
14 Donegal, ..	3.0	29 Wicklow, ...	4.8
<i>Average for Ireland,</i>	3.0	30 King's, ...	5.0
15 Limerick, ...	3.2	31 Westmeath, ...	5.0
		32 Meath, ...	6.3

This table must be taken as the nearest approach to the real measure of the density of the population in the different localities in Ireland, as it excludes from the calculation the worthless or nearly worthless, and therefore almost uninhabited, land. The counties will be found following in somewhat similar grouping to that already pointed out in the remarks on Table II.; but looking at this question not merely from the point of view of density of population, with reference to the land as a means of subsistence, if we treat column 27 of Table I. in the usual way, and arrange the counties according to the value of land per person, the result is Table VI.

TABLE VI.

SHOWING THE VALUATION\* OF ARABLE AND PASTURE LAND TO EACH PERSON IN EACH COUNTY OF IRELAND IN 1881, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	£	s.	d.		£	s.	d.
1 Mayo, ...	1	6	1	16 Antrim, ...	2	16	0
2 Leitrim, ...	1	8	9	17 Fermanagh, ...	2	16	0
3 Kerry, ...	1	9	7	18 Limerick, ...	2	17	7
4 Donegal, ...	1	10	0	19 Waterford, ...	2	18	0
5 Sligo, ...	1	17	8	20 Down, ...	2	18	10
6 Galway, ...	2	0	0	21 Louth, ...	2	19	4
7 Cavan, ...	2	2	0	22 Wexford, ...	3	3	0
8 Clare, ...	2	3	0	23 Tipperary, ...	3	8	9
9 Tyrone, ...	2	3	6	24 King's, ...	3	10	0
10 Londonderry, ...	2	5	7	25 Carlow, ...	3	11	4
11 Roscommon, ...	2	6	9	26 Dublin, ...	3	11	6
12 Cork, ...	2	9	3	27 Kilkenny, ...	3	12	0
13 Longford, ...	2	9	6	28 Queen's, ...	3	12	0
14 Armagh, ...	2	11	0	29 Wicklow, ...	3	16	9
15 Monaghan, ...	2	11	3	30 Westmeath, ...	4	5	0
				31 Kildare, ...	4	11	2
				32 Meath, ...	6	6	0
<i>Average for Ireland,</i>	2	14	0				

In this table it has been necessary to take the general valuation of Ireland as applicable to the arable and pasture land. This it appears to me is not calculated to produce any appreciable error; in the first place, the waste lands are practically of no value, and in the second place, the inclusion of the houses rather adds exactness to the estimate, and permits the towns to check as it were the value of the adjacent rural districts. Here again we find the poorest counties at one end of the list, and the more prosperous at the other.

We may test this question of the capacity of the land to maintain the population resident thereon in other ways. In columns 30 and 31 of Table I. will be found the mean value and the mean size of the agricultural holdings in each county, etc. Taking the mean value as the surest test of the power of the land to maintain its resident population, and arranging in the order of demerit as before, the result is Table VII.

TABLE VII.

SHOWING MEAN VALUE OF HOLDINGS IN EACH COUNTY OF IRELAND IN 1881, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	£		£
1 Mayo, ...	8	16 King's, ...	24
2 Donegal, ...	9	17 Queen's, ...	24
3 Leitrim, ...	9	18 Down, ...	24
4 Kerry, ...	13	19 Wexford, ...	25
5 Galway, ...	13	20 Antrim, ...	26
6 Sligo, ...	13	21 Louth, ...	27
7 Cavan, ...	14	22 Cork, ...	29
8 Roscommon, ...	14	23 Tipperary, ...	29
9 Monaghan, ...	15	24 Kilkenny, ...	29
10 Tyrone, ...	15	25 Westmeath, ...	31
11 Armagh, ...	17	26 Wicklow, ...	31
12 Fermanagh, ...	17	27 Limerick, ...	32
13 Londonderry, ...	17	28 Carlow, ...	33
14 Longford, ...	18	29 Waterford, ...	34
15 Clare, ...	19	30 Kildare, ...	37
		31 Meath, ...	53
<i>Average for Ireland,</i>	20	32 Dublin, ...	58

\* Taking the General Valuation of Ireland, and treating it as if it applied to the arable and pasture land alone, the result would be as shown in above table.

The likeness of Table VII. to the arrangement of the preceding tables is manifest.

Now as a still further test of the maintaining power of the land in its relation to the population, the average size of the holdings must be taken into consideration. This element is dealt with in columns 32 to 38 inclusive of Table I.

It has always been a difficult, and I think must still be considered an unsolved question: What is the smallest area of average land which will support an Irish family dependent upon agriculture as a means of subsistence? I do not profess to be able to answer this question, but for many reasons which I cannot here discuss, I have classified holdings into those above thirty acres and those under thirty acres, the latter being taken to mean "small holdings," and the holders therefore small agriculturists and persons whose means of subsistence are of a very narrow character. I am aware that some think this line should be drawn at fifteen acres, and for the information of these I have provided column 32, Table I.; but I must say that I cannot myself draw any conclusion, which I consider of value, from the information contained in this column. I therefore now call attention to Tables VIII. and IX. In Table VIII. the counties are arranged according to the proportion per cent. of holdings under thirty acres, and, as usual, we here find several of the poor western counties near the head of the list.

TABLE VIII.

SHOWING THE PER-CENTAGE OF HOLDINGS NOT EXCEEDING THIRTY ACRES IN EACH COUNTY IN IRELAND IN 1881, ARRANGED FROM THE HIGHEST TO THE LOWEST.

	Per cent.		Per cent.
1 Armagh, ...	89.5	16 Fermanagh, ...	69.4
2 Monaghan, ...	86.6	17 Westmeath, ...	69.4
3 Roscommon, ...	85.2	18 Antrim, ...	67.2
4 Mayo, ...	85.0	19 Queen's, ...	67.0
5 Sligo, ...	83.0	20 King's, ...	66.9
6 Leitrim, ...	81.2	21 Kildare, ...	65.2
7 Cavan, ...	80.6	22 Meath, ...	64.6
8 Galway, ...	79.4	23 Wexford, ...	55.9
9 Louth, ...	78.9	24 Kilkenny, ...	55.7
10 Down, ...	78.8	25 Tipperary, ...	55.0
11 Longford, ...	75.8	26 Clare, ...	54.9
12 Londonderry, ...	73.8	27 Carlow, ...	54.4
13 Tyrone, ...	73.2	28 Limerick, ...	52.5
14 Donegal, ...	72.1	29 Waterford, ...	49.9
15 Dublin, ...	71.5	30 Kerry, ...	49.6
		31 Wicklow, ...	46.9
<i>Average for Ireland,</i>	69.9	32 Cork, ...	49.3

When we look at Table IX. dealing with the value of these small holdings, the arrangement is still more remarkable. Here we find seven out of the eight western counties at the head of the list.

TABLE IX.

SHOWING THE AVERAGE VALUATION IN POUNDS OF EACH HOLDING NOT EXCEEDING 30 ACRES IN EACH COUNTY IN IRELAND IN 1881, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	£	Average for Ireland,	£
1 Mayo, ...	4		8
2 Galway, ...	5		
3 Donegal, ...	5	19 Louth, ...	9
4 Kerry, ...	5	20 Meath, ...	9
5 Leitrim, ...	6	21 Wicklow, ...	9
6 Roscommon, ...	6	22 Limerick, ...	9
7 Sligo, ...	7	23 Cavan, ...	9
8 Kildare, ...	7	24 Londonderry, ...	9
9 King's, ...	7	25 Tyrone, ...	9
10 Queen's, ...	7	26 Cork, ...	10
11 Clare, ...	7	27 Fermanagh, ...	10
12 Carlow, ...	8	28 Monaghan, ...	10
13 Kilkenny, ...	8	29 Armagh, ...	11
14 Longford, ...	8	30 Down, ...	12
15 Westmeath, ...	8	31 Antrim, ...	13
16 Wexford, ...	8	32 Dublin, ...	23
17 Tipperary, ...	8		
18 Waterford, ...	8		

It will be observed that while Armagh and Monaghan stand at the minimal end of Table VIII., having the largest proportion of small holdings, they stand near the maximal end when the value of these holdings is dealt with in Table IX. Thus, the greater value of the land in Armagh and Monaghan mitigates the poverty which would otherwise arise among the small farmers, owing to the diminutive size of their holdings.

The last point which I shall refer to regarding the land is its average worth in each county as measured by the value per acre. This is shown in column 39, Table I., and the counties are arranged in the order of the average value of their area in Table X.

TABLE X.

SHOWING THE AVERAGE VALUATION\* IN 1881, PER STATUTE ACRE, FOR EACH COUNTY IN IRELAND, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	£	s.	d.		£	s.	d.
1 Mayo, ...	0	5	0	19 Kilkenny, ...	0	14	0
2 Kerry, ...	0	5	0	20 Waterford, ...	0	14	0
3 Donegal, ...	0	5	0				
4 Galway, ...	0	6	0	Average for Ireland,	0	14	0
5 Leitrim, ...	0	7	0				
6 Clare, ...	0	8	0	21 Carlow, ...	0	15	0
7 Sligo, ...	0	9	0	22 Westmeath, ...	0	15	0
8 Roscommon, ...	0	10	0	23 Londonderry, ...	0	15	0
9 King's, ...	0	10	0	24 Kildare, ...	0	16	0
10 Wicklow, ...	0	11	0	25 Limerick, ...	0	16	0
11 Fermanagh, ...	0	11	0	26 Monaghan, ...	0	17	0
12 Tyrone, ...	0	11	0	27 Meath, ...	0	19	0
13 Longford, ...	0	12	0	28 Louth, ...	1	3	0
14 Queen's, ...	0	12	0	29 Down, ...	1	5	0
15 Cavan, ...	0	12	0	30 Armagh, ...	1	7	0
16 Wexford, ...	0	13	0	31 Antrim, ...	1	14	0
17 Cork, ...	0	13	0	32 Dublin, ...	6	2	0
18 Tipperary, ...	0	13	0				

\* The total valuation of houses and lands has been adopted.

Now here we find the valuation ranging from but five shillings per acre in Mayo, Kerry, and Donegal, to thirty-four, and one hundred and twenty-two in Antrim and Dublin—these latter being influenced by the presence of great towns; excluding these, the contrast between the western counties at the head of the list, and those agricultural counties towards the other end of the table, is very remarkable, as, for instance, the contrast between five shillings per acre in Mayo, and nineteen shillings per acre in Meath. It will be observed that the eight counties at the minimal end of Table X. are those which constitute the western portion of Ireland.

Now leaving these statistics which relate especially to land, we come to those dealt with in columns 40 to 46 inclusive of Table I. The information contained in columns 40 to 43 is of special interest when compared with the land statistics comprised in the columns immediately preceding. These columns relate altogether to the migratory agricultural labourers—"harvestmen" as they are popularly called—in the years 1841 and 1881. Columns 40 and 41 show that the custom of visiting England and Scotland to assist in harvest operations was almost universal in Ireland in the year 1841, and that in that year the number for the County of Dublin alone reached 5,625 or 15.1 per 1,000 of the population; while in 1881 the number for the same County was but 65 or 0.2 per 1,000 of the population. A similar decrease has taken place generally throughout Ireland; but in those counties which are shown by the previous tables to possess the poorest soil and the least means of subsistence, the decrease is less in proportion, and in the County of Mayo the number is actually proportionately greater than it was forty years ago—the absolute number being almost the same; namely—10,430 in 1841, and 10,742 in 1881, the proportion to the population having increased from 26.9 per 1,000 in 1841, to 43.8 per 1,000 in 1881.

In Table XI. the results are given for 1881 and the counties arranged in order. Here, again, we find six of the eight western

TABLE XI.

SHOWING THE RATE PER 1,000 OF THE POPULATION OF MIGRATORY AGRICULTURAL LABOURERS IN 1881, FOR EACH COUNTY OF IRELAND, ARRANGED FROM THE HIGHEST TO THE LOWEST.

1 Mayo, ...	14.3	16 Londonderry, ...	0.8
2 Roscommon, ...	13.1	17 Waterford, ...	0.6
3 Galway, ...	9.7	18 Kilkenny, ...	0.5
4 Leitrim, ...	8.0	19 Kerry, ...	0.5
5 Sligo, ...	7.6	20 Antrim, ...	0.4
6 Donegal, ...	7.2	21 Cork, ...	0.4
		22 Tipperary, ...	0.3
<i>Average for Ireland,</i>	4.1	23 Westmeath, ...	0.3
		24 Carlow, ...	0.3
7 Armagh, ...	3.6	25 Wicklow, ...	0.3
8 Monaghan, ...	3.6	26 Limerick, ...	0.2
9 Longford, ...	3.1	27 Wexford, ...	0.2
10 Louth, ...	2.8	28 King's, ...	0.2
11 Cavan, ...	2.3	29 Dublin, ...	0.2
12 Meath, ...	1.6	30 Clare, ...	0.1
13 Tyrone, ...	1.5	31 Queen's, ...	0.1
14 Fermanagh, ...	1.0	32 Kildare, ...	0.1
15 Down, ...	0.9		

counties heading the list, and showing by the proportion of migratory labourers furnished by each, that the means of subsistence and employment at home are insufficient for the support of the population. In Mayo not less than 14.3 per cent. of the adult male population went to England last year (1882) to earn the balance of their means of living.

Leaving this peculiar feature in the occupation of the western peasantry of Ireland, and turning to those occupations which afford the usual means of subsistence, we find the occupations of the people in 1881 set out in columns 44, 45, and 46 of Table I. under three great heads of occupation. In Tables XII., XIII., and XIV. the counties are arranged in order according to the proportional number of persons employed in each class of pursuit.

TABLE XII.

SHOWING THE AVERAGE NUMBER OF PERSONS TO EVERY 1,000 OF THE POPULATION OF EACH COUNTY IN IRELAND, IN 1881, BELONGING TO THE COMMERCIAL CLASS, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	No.		No.
1 Leitrim, ...	2	19 Kilkenny, ...	8
2 Longford, ...	3	20 Tipperary, ...	9
3 Cavan, ...	3	21 Armagh, ...	9
4 Mayo, ...	3	22 Kildare, ...	10
5 Roscommon, ...	3	23 Wexford, ...	12
6 Fermanagh, ...	4	24 Wicklow, ...	12
7 Monaghan, ...	4	25 Limerick, ...	14
8 Clare, ...	5		
9 Donegal, ...	5	<i>Average for Ireland,</i>	14
10 Tyrone, ...	5		
11 Galway, ...	5	26 Down, ...	16
12 King's, ...	6	27 Londonderry, ...	16
13 Meath, ...	6	28 Cork, ...	19
14 Queen's, ...	6	29 Louth, ...	21
15 Westmeath, ...	6	30 Waterford, ...	23
16 Kerry, ...	6	31 Antrim, ...	27
17 Sligo, ...	7	32 Dublin, ...	48
18 Carlow, ...	8		

TABLE XIII.

SHOWING THE AVERAGE NUMBER OF PERSONS IN EVERY 1,000 OF THE POPULATION OF EACH COUNTY IN IRELAND IN 1881, BELONGING TO THE AGRICULTURAL CLASS, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	No.		No.
1 Dublin, ...	34	16 Clare, ...	229
2 Antrim, ...	99	17 Carlow, ...	234
3 Cork, ...	164	18 Meath, ...	238
4 Down, ...	165	19 Wexford, ...	239
5 Limerick, ...	171	20 King's, ...	240
6 Louth, ...	173	21 Roscommon, ...	241
7 Waterford, ...	181	22 Galway, ...	242
8 Armagh, ...	186	23 Mayo, ...	242
		24 Westmeath, ...	243
<i>Average for Ireland,</i>	193	25 Longford, ...	245
		26 Tyrone, ...	253
9 Kerry, ...	200	27 Queen's, ...	254
10 Kildare, ...	201	28 Fermanagh, ...	258
11 Londonderry, ...	205	29 Leitrim, ...	258
12 Wicklow, ...	214	30 Donegal, ...	265
13 Tipperary, ...	217	31 Cavan, ...	269
14 Sligo, ...	227	32 Monaghan, ...	277
15 Kilkenny, ...	228		

TABLE XIV.

SHOWING THE AVERAGE NUMBER OF PERSONS TO EVERY 1,000 OF THE POPULATION OF EACH COUNTY IN IRELAND, IN 1881, BELONGING TO THE INDUSTRIAL CLASS, ARRANGED FROM THE LOWEST TO THE HIGHEST.

	No.		No.
1 Mayo, ...	50	19 Carlow, ...	104
2 Leitrim, ...	55	20 Kilkenny, ...	108
3 Roscommon, ...	63	21 Wexford, ...	109
4 Cavan, ...	67	22 Kildare, ...	115
5 Galway, ...	68	23 Limerick, ...	121
6 Sligo, ...	76	24 Cork, ...	122
7 Kerry, ...	78	25 Tyrone, ...	126
8 Longford, ...	79	26 Waterford, ...	127
9 Monaghan, ...	80		
10 Clare, ...	82	<i>Average for Ireland,</i>	134
11 Fermanagh, ...	87		
12 Westmeath, ...	95	27 Louth, ...	151
13 Queen's, ...	98	28 Londonderry, ...	167
14 Wicklow, ...	101	29 Armagh, ...	214
15 Meath, ...	101	30 Dublin, ...	223
16 Tipperary, ...	102	31 Down, ...	232
17 Donegal, ...	103	32 Antrim, ...	274
18 King's, ...	103		

A glance at these tables will show the extraordinary want of employment that must exist in some of the counties. It will be seen that in some, where the proportion of persons employed in commerce and manufactures is extremely small, this want of occupation is not sufficiently counterbalanced by an unusually large amount of employment in agricultural pursuits, and, therefore, the occupation of migratory labourer, already referred to, comes in to make up the deficiency.

I now come to deal with the last group of statistics in Table I., that relating to education, contained in columns 47 to 52 inclusive. The test usually applied to measure the state of education in Ireland is the number above the age of five years who are able to read. No doubt five years is a low limit; but as it applies equally over the whole country, for my present purpose it is accurate. On the other hand, the ignorance of the people is tested by their inability to read; and I have preferred illiteracy to knowledge as a test of education, in order to render the figures more easily comparable with the tests of backward civilization which, I regret to say, have of necessity chiefly constituted the illustrations derived from the statistics before us.

A comparison of columns 47 and 48, which relate to the year 1841, with 49 and 50, which relate to 1881, shows a very gratifying result in the great decrease of illiteracy, and also that this decrease has been general and evenly spread over Ireland. As to the present state of illiteracy, I have arranged the counties in order, in Table XV. from the worst to the best, and here again we find a large number of the western counties at the minimal end of the scale.

TABLE XV.

SHOWING THE PROPORTION PER CENT. OF PERSONS OF FIVE YEARS OLD AND UPWARDS, IN EACH COUNTY OF IRELAND, IN 1881, WHO COULD NEITHER READ NOR WRITE, ARRANGED FROM THE HIGHEST TO THE LOWEST.

	Rate per cent.		Rate per cent.
1 Galway, ...	45.8	16 Monaghan, ...	23.0
2 Mayo, ...	44.8	17 Armagh, ...	22.6
3 Donegal, ...	39.8	18 Tyrone, ...	22.6
4 Waterford, ...	36.9	19 Leitrim, ...	22.5
5 Kerry, ...	35.1	20 Cavan, ...	22.4
6 Sligo, ...	30.9	21 King's, ...	22.3
7 Louth, ...	29.4	22 Kilkenny, ...	22.0
8 Cork, ...	28.8	23 Tipperary, ...	21.7
9 Roscommon, ...	27.3	24 Wicklow, ...	21.7
10 Clare, ...	27.3	25 Fermanagh, ...	21.5
11 Wexford, ...	25.6	26 Queen's, ...	20.4
		27 Kildare, ...	20.2
<i>Average for Ireland,</i>	25.2	28 Carlow, ...	19.8
12 Limerick, ...	24.0	29 Londonderry, ...	17.6
13 Westmeath, ...	23.4	30 Dublin, ...	14.5
14 Meath, ...	23.4	31 Down, ...	14.3
15 Longford, ...	23.1	32 Antrim, ...	12.1

A point closely bearing upon education is the distribution of the Celtic speaking population throughout Ireland, and I regret to say there is a close parallelism between the proportion of Irish speaking people and illiterate people in the various counties. This will be evident if Table XV. be compared with XVI., which is constructed from the information contained in column 52 of Table I.

TABLE XVI.

SHOWING THE AVERAGE NUMBER OF PERSONS TO EVERY 1,000 OF THE POPULATION IN EACH COUNTY OF IRELAND IN 1881, WHO COULD SPEAK IRISH, ARRANGED FROM THE HIGHEST TO THE LOWEST.

	No.		No.
1 Galway, ...	642	16 Cavan, ...	54
2 Mayo, ...	602	17 Tyrone, ...	50
3 Kerry, ...	494	18 Armagh, ...	42
4 Clare, ...	460	19 Meath, ...	40
5 Waterford, ...	458	20 Londonderry, ...	22
6 Cork, ...	350	21 Fermanagh, ...	15
7 Donegal, ...	348	22 Westmeath, ...	12
8 Sligo, ...	286	23 Dublin, ...	12
		24 Longford, ...	11
<i>Average for Ireland,</i>	182	25 Kildare, ...	8
9 Limerick, ...	178	26 King's, ...	7
10 Roscommon, ...	163	27 Antrim, ...	6
11 Tipperary, ...	119	28 Wexford, ...	4
12 Leitrim, ...	106	29 Queen's, ...	4
13 Kilkenny, ...	93	30 Carlow, ...	4
14 Louth, ...	72	31 Down, ...	3
15 Monaghan, ...	64	32 Wicklow, ...	3

I have now reviewed what I consider some of the principal items in Table I. Some may possibly think that I have not exercised a wise discretion in the selection. If there be any such, they can of course make such selection as they please. Having made this

selection of standards wherewith to test the social conditions I have been dealing with, I determined to try a statistical experiment, just as a physical scientist tests by experiment the truth of the results he has arrived at by arguments founded on physical laws. I therefore proceeded in the following manner:—It is well known that during the period of distress in the winter of 1879-80, following the failure of the potato crop in 1879, and the extremely bad yield of the other crops during that disastrous year, the distress fell with special severity on particular districts. During that sad period of depression, I had the honour of being selected one of the honorary secretaries of the Duchess of Marlborough's fund; and it became my duty, in conjunction with my colleagues, to determine which districts were most in need of charitable aid. By information collected from various sources, and especially that obtained from the Local Government Board, we ascertained that if a line were drawn from Londonderry to Skibbereen, it would roughly divide Ireland into districts; the district in urgent need of charitable assistance being situate to the West of the line, and that to the East requiring comparatively little aid. Thus Ireland would be divided into two large social provinces, the Western being the less prosperous and always liable to distress, amounting in bad seasons to famine, the Eastern being the more prosperous. Practically the Western division includes the six counties on the Atlantic seaboard with Roscommon and Leitrim; and the Eastern the rest of Ireland.

Now it appeared to me that if the statistical facts which I have selected from Table I. and applied as tests of social condition were sound, then these tests when combined should produce a result which must place these eight counties in one group at the minimal end of a list representing the rate of prosperity, and the other counties should follow. The result is more remarkable, and a much nearer approach to accuracy than I anticipated. In order to carry out the experiment, I put all the thirty-two counties through what I may call a competitive examination under the fifteen heads which I have dealt with. In analysing Table I., I numbered the counties from 1 to 32, using the numbers denoting their order in the lists as examination marks of merit or, more generally, demerit. Now, if the numbers attached to each county as marks be added together—cross-totled—as in Table XVII., a new set of numbers, ranging from 65 to 332, will be obtained; if these be arranged from the lowest to the highest, we will find that—

*If all the conditions which represent density of population in relation to productive land, scanty means of subsistence, and low standard of education, be added together, the result will be that the counties will be arranged in the following order:—*

1 Mayo.	9 Tyrone.	17 Cork.	25 Antrim.
2 Sligo.	10 Armagh.	18 Wexford.	26 Tipperary.
3 Donegal.	11 Longford.	19 Waterford.	27 Dublin.
4 Galway.	12 Clare.	20 Down.	28 Kildare.
5 Leitrim.	13 Monaghan.	21 Limerick.	29 Queen's.
6 Roscommon.	14 Louth.	22 Kilkenny.	30 Wicklow.
7 Kerry.	15 Fermanagh.	23 King's.	31 Meath.
8 Cavan.	16 Londonderry.	24 Westmeath.	32 Carlow.

It will be observed that of the eight western counties seven are found at the head of the list, and that the eighth, the County of Clare, is found no further down than twelfth, and a reference to the "Total" column of Table XVII. will show that the total number of its marks varies but slightly from those which are interposed between it and Kerry, which stands seventh on the list.

Another mode in which the leading items in Table I. may be readily compared with one another is by the construction of a diagram representing the various conditions by curves placed one above the other, so as to facilitate comparison. I have had such a diagram constructed by Mr. George Dewar of my office, and it admirably and graphically illustrates the points dealt with in this paper.\*

The result to which I have adverted was so surprisingly in accordance with the well-known condition of chronic poverty of the Western counties of Ireland, that I introduced two special lines of figures at the foot of Table I. giving particulars under each head for the Eastern and Western divisions of Ireland respectively. It would take too long to discuss the items concerning these divisions, and to compare one set with the other, or to enter into a comparison of the statistics of the four provinces of Ireland. I have, however, looked into these matters, and I trust that others may be induced by these remarks further to investigate the question. The object of this paper has been fulfilled if I have succeeded in attracting attention to these very valuable statistics, and suggesting methods by which they may be utilized as standards for measuring the many curious social conditions of Ireland. In conclusion, I have to thank those members of my official staff who have aided me in compiling these figures, and have especially to call attention to the valuable assistance I have received from Messrs. Wilson and O'Neill of the General Register Office.

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\* This diagram was exhibited at the meeting of the Statistical Society at which the paper was read.

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TABLE I.

Some of the Principal Statistics relating to the Counties and Provinces of Ireland, compiled from the Census Reports of 1841 and 1881, and other publications issued by the General Register Office of Ireland.

COUNTIES, ETC.	Total Population.				Rural Population.				Civic Population. (Towns of 2,000 inhabitants or upwards.)				Birthplace. Number in every 1,000 of population of county (in 1881) who were born therein.	Emigration. 1st May, 1881, to 31st Dec., 1881. Number of Emigrants. Rate per cent. of Mean Population.	Registration of Marriages, Births, and Deaths. Average annual rate per 1,000 of population registered in the 10 years ending 31st March, 1881. Marriages. Births. Deaths.	DISTRIBUTION OF LAND. Number of acres of Arable and Pasture Land to each person in 1841 and 1881, and proportional valuation in 1881. 1841. 1881.	Agricultural Holdings in 1881.										Migratory Labourers.		Occupations in 1881.			Illiteracy among persons 5 years old and upwards.			Irish Speaking Persons. Average number of persons to every 1,000 of the population in 1881 who could speak Irish.																			
	1841.	1881.	Increase.		Decrease.		1841.	1881.	Increase.		Decrease.						1841.	1881.	Percentage of Total Population of County, etc. living in Civic Districts. 1841. 1881.	Mean value of Holdings.	Mean size of Holdings.	Percentage of Agricultural Holdings.			Percentage of Area under Holdings.		Average valuation of each Agricultural Holding.		Average valuation per statute acre of the entire area.†	1841.	Rate per 1,000.	1881.	Rate per 1,000.	Commercial Class.		Agricultural Class.	Industrial Class.	Number unable to read.	Rate per cent.	1841.	Rate per cent.	1881.	Rate per cent.	Decrease in Percentage.										
			Not exceeding 15 acres.	Not exceeding 30 acres.	Above 30 acres.	Not exceeding 30 acres.			Above 30 acres.	Not exceeding 30 acres.	Above 30 acres.	Number.										Rate per 1,000.	Number.	Rate per 1,000.																														
																									Number.	Rate per cent.	Number.	Rate per cent.																										
<b>LEINSTER PROVINCE:—</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	<b>Column—</b>	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	<b>Column.</b>
Carlow, ...	86,228	46,568	...	...	39,660	440	72,172	38,529	33,643	46.6	14,056	8,039	...	...	6,817	42.8	16.3	17.3	861	22,837	40.9	4.4	24.6	19.3	...	...	2.1	4.2	3 11 4	2.6	4.8	33	48	35.8	54.4	45.6	13.2	86.8	8	63	0 15 0	161	1.9	16	-3	8	234	104	28,947	38.0	8,291	19.8	18.2	4
Dublin, ...	372,773	418,910	46,137	12.4	...	...	113,778	46,688	46,688	41.0	258,095	351,820	92,825	35.8	...	...	69.5	84.0	819	76,616	19.1	7.4	27.7	26.4	...	...	0.5	0.5	3 11 6	0.6	0.5	58	38	57.8	71.5	28.5	15.9	84.1	23	147	6 2 0	5,625	15.1	65	-2	48	34	223	96,296	29.1	54,265	14.5	14.6	12
Kildare, ...	114,488	75,804	...	...	38,684	318	104,092	64,443	39,647	38.1	10,398	11,361	963	9.3	...	...	9.1	15.0	753	26,920	31.0	4.6	24.6	18.0	...	...	3.1	4.8	4 11 2	3.7	5.6	37	51	51.7	65.2	34.8	11.0	89.0	7	95	0 16 0	210	4.5	7	-1	10	201	115	42,459	41.9	13,768	20.2	21.7	8
Kilkenny, ...	202,420	99,531	...	...	102,889	588	173,157	84,597	88,560	51.1	29,263	14,934	...	...	14,329	49.0	14.5	15.0	705	45,329	45.9	4.5	24.9	20.5	...	...	2.3	4.5	3 12 0	2.5	5.0	29	45	37.0	55.7	44.3	13.9	86.1	8	55	0 14 0	213	1.1	45	-5	8	228	108	89,355	50.2	19,612	22.0	28.2	93
King's, ...	146,857	72,852	...	...	74,005	524	130,239	61,957	68,282	52.4	16,618	10,895	...	...	5,723	34.4	11.3	15.2	839	43,306	49.3	4.2	23.7	17.4	...	...	2.3	5.0	3 10 0	3.4	6.7	24	43	46.8	66.9	33.1	17.1	82.9	7	59	0 10 0	467	3.2	16	-2	6	240	103	61,834	47.9	14,331	22.3	25.6	7
Longford, ...	115,491	61,009	...	...	54,482	472	108,117	56,629	51,488	47.6	7,374	4,380	...	...	2,994	40.6	6.4	7.0	908	49,726	58.2	4.0	24.7	16.0	...	...	1.7	3.3	2 9 6	3.3	4.3	18	28	44.9	75.8	24.2	36.6	63.4	8	47	0 13 0	862	7.5	189	3.1	3	245	79	52,071	51.2	12,334	23.1	28.1	11
Louth, ...	128,240	77,684	...	...	50,556	384	96,479	50,852	45,627	47.3	31,761	26,832	...	...	4,929	15.5	24.8	34.5	871	33,521	37.2	4.4	25.6	19.4	...	...	1.4	2.2	2 19 4	1.6	2.6	27	29	59.5	78.9	21.1	27.8	72.2	9	93	1 3 0	1,123	8.8	215	2.8	21	173	151	66,365	59.1	20,372	29.4	29.7	72
Meath, ...	183,116	87,469	...	...	95,647	522	171,014	80,774	90,240	52.8	12,102	6,695	...	...	5,407	44.7	6.6	7.7	880	50,612	46.6	3.5	23.3	18.4	...	...	3.0	6.3	6 6 0	3.8	6.7	53	59	47.2	64.6	35.4	11.4	88.6	9	133	0 19 0	593	3.2	137	1.6	6	238	101	88,222	54.5	18,975	23.4	31.1	40
Queen's, ...	153,792	73,124	...	...	80,668	525	138,735	64,324	74,411	53.6	15,057	8,800	...	...	6,357	41.6	9.8	12.0	882	39,926	45.0	3.7	23.6	18.0	...	...	2.2	4.8	3 12 0	3.2	5.9	24	41	47.4	67.0	33.0	17.4	82.6	7	59	0 12 0	343	2.2	5	-1	6	254	98	56,472	41.6	13,420	20.4	21.2	4
Westmeath, ...	141,300	71,798	...	...	69,502	492	131,316	63,939	67,377	51.3	9,984	7,859	...	...	2,122	21.3	7.1	10.9	878	38,061	43.1	4.3	23.7	18.5	...	...	2.6	5.0	4 5 0	3.2	6.3	31	43	48.5	69.4	30.6	17.4	82.6	8	84	0 15 0	677	4.8	23	-3	6	243	95	64,938	52.1	15,944	23.4	28.7	12
Wexford, ...	202,033	123,854	...	...	78,179	387	173,267	97,200	76,067	43.9	28,766	26,654	...	...	2,112	7.3	14.2	21.5	935	57,394	39.5	4.8	24.7	20.2	...	...	2.5	4.2	3 3 0	2.9	4.8	25	41	38.1	55.9	44.1	15.3	84.7	8	46	0 13 0	573	2.8	27	-2	12	239	109	73,524	41.2	28,471	25.6	15.7	4
Wicklow, ...	126,143	79,386	...	...	55,757	442	117,892	57,831	60,061	59.9	8,251	12,555	4,304	52.2	...	...	6.5	17.8	843	21,931	26.2	4.6	23.4	17.1	...	...	2.2	4.8	3 16 9	4.0	7.1	31	62	32.6	49.6	59.4	9.5	90.5	9	53	0 11 0	251	2.0	19	-3	12	214	101	45,570	41.3	13,693	21.7	19.6	3
<b>Total of Leinster, ...</b>	<b>1,972,881</b>	<b>1,278,989</b>	...	...	<b>693,892</b>	<b>352</b>	<b>1,530,256</b>	<b>788,165</b>	<b>742,091</b>	<b>48.5</b>	<b>442,625</b>	<b>499,824</b>	<b>48,199</b>	<b>10.9</b>	...	...	<b>22.4</b>	<b>38.4</b>	...	<b>510,403</b>	<b>35.5</b>	<b>5.3</b>	<b>25.3</b>	<b>21.1</b>	...	...	<b>2.0</b>	<b>3.1</b>	<b>3 11 3</b>	<b>2.5</b>	<b>3.8</b>	<b>31</b>	<b>44</b>	<b>45.0</b>	<b>64.1</b>	<b>35.9</b>	<b>15.8</b>	<b>84.2</b>	<b>9</b>	<b>72</b>	<b>0 19 0</b>	<b>11,404</b>	<b>5.8</b>	<b>764</b>	<b>.6</b>	<b>22</b>	<b>165</b>	<b>145</b>	<b>766,053</b>	<b>44.0</b>	<b>232,216</b>	<b>20.3</b>	<b>23.7</b>	<b>21</b>
<b>MUNSTER PROVINCE:—</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	<b>Column—</b>	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	<b>Column.</b>
Clare, ...	286,394	141,457	...	...	144,937	506	267,997	131,345	136,562	51.0	18,487	10,112	...	...	8,375	45.3	6.5	7.1	951	103,349	61.9	3.8	25.4	15.3	...	...	1.6	4.3	2 3 0	2.9	5.9	19	48	28.0	54.9	45.1	17.2	82.8	7	32	0 8 0	206	-7	15	-1	5	229	82	156,547	63.1	34,248	27.3	35.8	460
Cork, ...	854,118	495,697	...	...	358,511	420	683,919	354,438	329,481	48.2	170,199	141,169	...	...	29,030	17.1	19.9	28.5	927	164,196	62.7	4.5	27.5	18.6	...	...	1.5	2.9	2 9 3	2.2	3.7	29	58	23.6	43.9	56.1	11.1	88.9	10	45	0 13 0	666	.8	184	-4	19	164	122	468,801	62.7	126,811	28.8	33.9	350
Kerry, ...	293,880	201,039	...	...	92,841	316	269,420	179,510	89,896	33.4	24,474	21,529	...	...	2,945	12.0	8.3	10.7	960	125,845	60.1	4.1	30.9	16.5	...	...	1.4	3.7	1 9 7	4.0	5.9	13	56	28.5	49.6	50.4	12.2	87.8	5	21	0 5 0	131	-4	98	-5	6	200	78	179,192	70.4	61,650	35.1	35.3	494
Limerick, ...	330,029	180,632	...	...	149,397	453	274,520	137,335	137,185	50.0	55,509	43,297	...	...	12,212	22.0	16.8	24.0	891	133,387	62.8	4.8	27.5	19.6	...	...	1.6	3.2	2 17 7	2.1	3.7	32	48	33.3	52.5	47.5	13.4	86.6	9	26	0 16 0	362	1.1	32	-2	14	171	121	153,609	53.4	38,480	24.0	29.4	178
Tipperary, ...	435,553	199,612	...	...	235,941	54.2	364,261	155,343	208,916	57.4	71,292	44,267	...	...	27,025	37.9	16.4	22.2	898	157,693	63.2	4.2	25.3	18.6	...	...	2.0	4.3	3 8 9	2.4	5.3	29	48	35.1	55.0	45.0	13.9	86.1	8	54	0 13 0	401	-9	64	-3	9	217	102	194,030	51.0	38,734	21.7	29.3	119
Waterford, ...	196,187	112,768	...	...	83,419	42.5	149,207	80,751	68,456	45.9	46,980	32,017	...	...	14,963	31.8	23.9	28.4	874	72,622	54.3	4.5	27.5	21.7	...	...	1.7	2.9	2 18 0	2.4	4.2	34	58	35.4	49.9	50.1	9.2	90.8	8	60	0 14 0	51	-3	72	-6	23	127	127	114,654	66.5	37,992	36.9	29.6	458
<b>Total of Munster, ...</b>	<b>2,396,161</b>	<b>1,331,115</b>	...	...	<b>1,065,046</b>	<b>444</b>	<b>2,009,220</b>	<b>1,038,724</b>	<b>970,496</b>	<b>48.3</b>	<b>386,941</b>	<b>292,391</b>	...	...	<b>94,550</b>	<b>24.4</b>	<b>16.1</b>	<b>22.0</b>	...	<b>939,092</b>	<b>61.6</b>	<b>4.4</b>	<b>27.4</b>	<b>18.3</b>	...	...	<b>1.6</b>	<b>3.4</b>	<b>2 11 0</b>	<b>2.5</b>	<b>4.6</b>	<b>25</b>	<b>53</b>	<b>29.4</b>	<b>50.2</b>	<b>49.8</b>	<b>12.8</b>	<b>87.2</b>	<b>8</b>	<b>43</b>	<b>0 11 0</b>	<b>1,817</b>	<b>.8</b>	<b>465</b>	<b>-3</b>	<b>14</b>	<b>186</b>	<b>108</b>	<b>1,266,833</b>	<b>60.6</b>	<b>337,015</b>	<b>28.5</b>	<b>32.1</b>	<b>335</b>
<b>ULSTER PROVINCE:—</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	<b>Column—</b>	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47						

TABLE XVII.

Summary exhibiting the Order of the 32 Counties as regards condition with respect to each of the subjects dealt with in Tables II. to XVI. with the corresponding order shown by aggregating the several results for each county.

NAME OF COUNTY.	ORDER OF COUNTY AS REGARDS CONDITION WITH RESPECT TO .															Combination of the foregoing.		NAME OF COUNTY.
	Decrease per cent. in total population between 1841 and 1881.	Emigration from 1st May, 1851, to 31st Dec., 1881. Rate per cent. of the population.	Birth-place. Number in every 1,000 of the population of the County (in 1881) who were born therein.	Arable and Pasture. Number of acres to each person in 1881.	Valuation of Arable and Pasture Land to each person in 1881.	Mean value of Holdings in 1881.	Percentage of Holdings not exceeding thirty acres in 1881.	Average valuation of each Holding not exceeding thirty acres in 1881.	Average value of land per statute acre in 1881.	Migratory Labourers in 1881. Rate per 1,000 of the population.	Commercial Class. Average number of persons to every 1,000 of the population in 1881.	Agricultural Class. Average number of persons to every 1,000 of the population in 1881.	Industrial Class. Average number of persons to every 1,000 of the population in 1881.	Illiteracy. Among persons five years old and upwards in 1881. Rate per cent.	Irish-speaking persons in 1881. Average number of persons to every 1,000 of the population	Total.	Order of County.	
	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	XIV.	XV.	XVI.			
<i>Leinster Province.</i>																		
Carlow, ...	21	12	28	22	25	28	27	12	21	24	18	17	19	28	30	332	32	Carlow.
Dublin, ...	2	1	32	1	26	32	15	32	32	29	32	1	30	30	23	318	27	Dublin.
Kildare, ...	8	3	31	27	31	30	21	8	24	32	22	10	22	27	25	321	28	Kildare.
Kilkenny, ...	29	20	15	26	27	24	24	13	19	18	19	15	20	22	13	304	22	Kilkenny.
King's, ...	27	23	30	30	24	16	20	9	9	28	12	20	18	21	26	313	23	King's.
Longford, ...	23	27	14	17	13	14	11	14	13	9	2	25	8	15	24	229	11	Longford.
Louth, ...	13	8	26	5	21	21	9	19	28	10	29	6	27	7	14	243	14	Louth.
Meath, ...	30	22	20	32	32	31	22	20	27	12	13	18	15	14	19	327	31	Meath.
Queen's, ...	31	18	19	28	28	17	19	10	14	31	14	27	13	26	29	324	29	Queen's.
Westmeath, ...	26	16	22	31	30	25	17	15	22	23	15	24	12	13	22	313	24	Westmeath.
Wexford, ...	12	10	7	23	22	19	23	16	16	27	23	19	21	11	28	277	18	Wexford.
Wicklow, ...	17	2	29	29	29	26	31	21	10	25	24	12	14	24	32	325	30	Wicklow.
<i>Munster Province.</i>																		
Clare, ...	28	29	4	25	8	15	26	11	6	30	8	16	10	10	4	230	12	Clare.
Cork, ...	15	30	11	11	12	22	32	26	17	21	28	3	24	8	6	266	17	Cork.
Kerry, ...	7	28	2	19	3	4	30	4	2	19	16	9	7	5	3	158	7	Kerry.
Limerick, ...	19	31	18	15	18	27	28	22	25	26	25	5	23	12	9	303	21	Limerick.
Tipperary, ...	32	32	16	24	23	23	25	17	18	22	20	13	16	23	11	315	26	Tipperary.
Waterford, ...	16	26	25	12	19	29	29	18	20	17	30	7	26	4	5	283	19	Waterford.
<i>Ulster Province.</i>																		
Antrim, ...	1	24	27	2	16	20	18	31	31	20	31	2	32	32	27	314	25	Antrim.
Armagh, ...	5	9	21	3	14	11	1	29	30	7	21	8	29	17	18	223	10	Armagh.
Cavan, ...	22	25	8	13	7	7	7	23	15	11	3	31	4	20	16	212	8	Cavan.
Donegal, ...	6	6	3	14	4	2	14	3	3	6	9	30	17	3	7	127	3	Donegal.
Down, ...	4	7	24	4	20	18	10	30	29	15	26	4	31	31	31	284	20	Down.
Fermanagh, ...	20	11	17	20	17	12	16	27	11	14	6	28	11	25	21	256	15	Fermanagh.
Londonderry, ...	3	13	23	6	10	13	12	24	23	16	27	11	28	29	20	258	16	Londonderry.
Monaghan, ...	25	21	13	7	15	9	2	28	26	8	7	32	9	16	15	233	13	Monaghan.
Tyrone, ...	10	14	12	8	9	10	13	25	12	13	10	26	25	18	17	222	9	Tyrone.
<i>Connaught Province.</i>																		
Galway, ...	18	17	5	21	6	5	8	2	4	3	11	22	5	1	1	129	4	Galway.
Leitrim, ...	14	19	6	16	2	3	6	5	5	4	1	29	2	19	12	143	5	Leitrim.
Mayo, ...	9	5	1	9	1	1	4	1	1	1	4	23	1	2	2	65	1	Mayo.
Roscommon, ...	24	15	10	18	11	8	3	6	8	2	5	21	3	9	10	153	6	Roscommon.
Sligo, ...	11	4	9	10	5	6	5	7	7	5	17	14	6	6	8	120	2	Sligo.