

National Economic and Social Council An Chomhairle Náisiúnta Eacnamíoch agus Sóisialach

Population and Labour Force
Projections
by County and Region,
1979-1991

No. 63

July, 1982

NATIONAL ECONOMIC AND SOCIAL COUNCIL CONSTITUTION AND TERMS OF REFERENCE

- 1. The main task of the National Economic and Social Council shall be to provide a forum for discussion of the principles relating to the efficient development of the national economy and the achievement of social justice, and to advise the Government, through the Taoiseach on their application. The Council shall have regard, *inter alia*, to:
 - (i) the realisation of the highest possible levels of employment at adequate reward
 - (ii) the attainment of the highest sustainable rate of economic growth.
 - (iii) the fair and equitable distribution of the income and wealth of the nation,
- liv) reasonable price stability and long-term equilibrium in the balance of payments,
- (v) the balanced development of all regions in the country, and
- (vi) the social implications of economic growth, including the need to protect the environment.
- 2. The Council may consider such matters either on its own initiative or at the request of the Government.
- 3. Members of the Government shall be entitled to attend the Council's meetings. The Council may at any time present its views to the Government, on matters within its terms of reference. Any reports which the Council may produce shall be submitted to the Government and, together with any comments which the Government may then make thereon, shall be laid before each House of the Oireachtas and published.
- 4. The membership of the Council shall comprise a Chairman appointed by the Government in consultation with the interests represented on the Council,

Ten persons nominated by agricultural organisations,

Ten persons nominated by the Confederation of Irish Industry and the Irish Employers' Confederation,

Ten persons nominated by the Irish Congress of Trade Unions,

Ten other persons appointed by the Government, and

Six persons representing Government Departments comprising one representative each from the Departments of Finance, Agriculture, Industry, Commerce and Tourism, Labour and Environment and one person representing the Departments of Health and Social Welfare.

Any other Government Department shall have the right of audience at Council meetings if warranted by the Council's agenda, subject to the right of the Chairman to regulate the numbers attending.

- 5. The term of office of members shall be for three years renewable. Casual vacancies shall be filled by the Government or by the nominating body as appropriate. Members filling casual vacancies may hold office until the expiry of the other members' current term of office and their membership shall then be renewable on the same basis as that of other members.
- 6. The Council shall have its own Secretariat subject to the approval of the Taoiseach in regard to numbers, remuneration and conditions of service.
- 7 The Council shall regulate its own procedure.

Population and Labour Force Projections by County and Region

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NATIONAL ECONOMIC AND SOCIAL COUNCIL

Population and Labour Force **Projections** by County and Region, 1979-1991

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JOHN BLACKWELL

and

JOHN McGREGOR

PUBLISHED BY THE NATIONAL ECONOMIC AND SOCIAL COUNCIL

Copies of this Report may be obtained from THE NATIONAL ECONOMIC AND SOCIAL COUNCIL Earl Court, Adelaide Rd., Dublin 2 or The Government Publications Sales Office.

Price: £2.02

PREFACE

The Council considers that population and labour force projections are an essential basis for economic and social policy making and has, accordingly, published *national* population and labour force projections for the period to 1986. The Council recognises that a need exists for up-dating these projections in the light of recent information on the population and the labour force. It also recognises the need for similar projections at a *regional* and *county* level which would contribute to the formulation of plans for regional development and to the integration of regional and national development.

The Council, therefore, decided to commission this Report setting out projections of population and labour force at State, regional and county level, for the period to 1991. These projections were prepared by John Blackwell and John McGregor.²

The original report prepared by the consultants was discussed at the Council in June 1981. It was subsequently decided to ask the consultants to update the report to take into account information newly available, particularly the preliminary results of the 1981 Census of Population.

¹NESC, Population and Employment Projections 1986: A Reassessment, Report No. 35,

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<sup>1977.

2</sup> John Blackwell is at the Resource and Environmental Policy Centre, University College, Dublin; at the time of writing, John McGregor was Senior Programmer, Computer Laboratory, Trinity College, Dublin.

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CHAPTER 1

INTRODUCTION1

- 1. This study has a two-fold purpose. First, it provides a new set of population projections for the State up to 1991, taking account of the results of the 1979 and 1981 Censuses of Population. Furthermore, population projections for the counties and the regions are prepared. Second, projections of the labour force are provided, taking account of the results of the 1979 Labour Force Survey. The labour force projections are made for the State and for counties and regions.
- 2. The most recent set of population projections, for the State as a whole, for the period up to 1886, is in a paper by Keating (1). Projections of population and of labour force respectively, for the State have been published in two reports by NESC (2, 3). The most recent of these reports contains revised projections of the labour force by Brendan M. Walsh, based on population projections in Keating (1). A set of population projections for the counties was published in Knaggs and Keane (4): one set of county projections only was published, for all persons and all age groups, corresponding to one of six alternative projections at national level.
- 3. The intention of this study with regard to population at subnational level is to extend the earlier work of Knaggs and Keane, by giving a number of alternative projections by sex and age group for each county, and by employing more up to date information on population trends and on the underlying data such as migration flows. The influence of different alternative assumptions about future migration is examined. The projections by county and region are designed to total to a mutually consistent set of numbers for the State.

¹Grateful acknowledgement is made to the Central Statistics Office for providing data. The authors are grateful for helpful comments received from Jon M. Blackwell, W.D. Kelly, John McKeon, Miceal Ross, J. Sexton, Brendan M. Walsh, and officials of the Department of Labour and of the Planning Department, Dublin Corporation. The usual disclaimer applies.

- 4. The second half of this study uses the preceding work on population by area to project the labour force up to 1991. The effects of variations in migration, and in labour force participation rates, on the projections are examined.
- 5. Virtually all the primary data which are used in order to obtain the projections are given in this paper, and the remainder is in the Technical Annex. With this information, together with the Technical Annex, it should be possible for the interested reader to replicate exactly all the results of this study. In recent years, some of the Regional Development Organisations and planning authorities have produced projections of population and labour force for their own areas; a set of population projections was also compiled for the Greater Cork Area Land Use and Transport Study of 1978. Planners at local level who wished to alter the basic assumptions of this paper relating to "their" area could observe the impact on the projections. The advantage of such local variants on the projections is that more detailed information can be brought to bear on the underlying assumptions for the county or region concerned. One disadvantage of such local variants is that they no longer need aggregate to a predetermined State total.

POPULATION BY COUNTY AND REGION, 1971-1981

Introduction

- 6. This chapter outlines the principal changes in population by area in the period 1971-1981. In addition, the respective contributions of natural increase (births minus deaths) and of migration are outlined. This is done partly because of its innate interest, but also because the projections employ some assumptions about the future trends of these underlying components. These assumptions are influenced by recent trends.
- 7. A few definitions are necessary. The data refer to the twenty-six counties, and there are separate data for the four County Boroughs (Limerick, Cork, Waterford, Dublin), for Dun Laoghaire Borough and for the North and South Ridings of County Tipperary. Thus, there are data for thirty two administrative units. Throughout, the population is defined at mid-April in each year.

Population 1971-81

8. Between 1971 and 1979 the population of the State increased from 2.978 million to 3.368 million. There was an exceptionally high rate of increase in this period, of 1.55 per cent per annum, on average. By contrast, in the previous inter-Censal period (1966-71) the population of the State increased by 0.64 per cent per annum, on average. In 1971-79 the rate of growth of population in Ireland was over four times the average annual rate of 0.36 per cent in the EEC as a whole over 1971-79 (5). Between 1979 and 1981 the population increased to 3.440 million: an increase of 2.1 per cent or 1.07 per cent per annum, on average. Hence, the relatively high rate of increase, by European standards, continued, although the average annual rate of increase was less than in 1971-79. Table 1 shows the trend in population for each county over 1971-1981.

¹The Technical Annex is available on request from the Council through the Secretariat. Most of the Tables in the Appendices are confined to total persons, and do not contain data for males and females, respectively. A set of tables, which contain data for males, and for females, corresponding to the Tables in Appendices B and C, is available from the Council. These tables also show the outcome of further combinations of the underlying assumptions.

¹This, and other, rates of growth in the text are compounded annually.

Table 1
Population by county and region, all persons, 1971-1981

	Area	1971	1979 000	1981	Average annu compounde (– signifies 1971-79	d annually
(1)	Donegal	108.3	121.9	124.8	1.5	1.2
(2)	Leitrim	28.4	27.8	27.6	-0.2	-0.4
(2)	Sligo	50.3	54.6	55.4	1.0	0.7
(3)	Galway	149.2	167.8	171.8	1.5	1.2
(3)	Mayo	109.5	114.0	114.5	0.5	0.2
(4)	Clare	75,0	84.9	87.5	1.6	1.5
(4)	Limerick Borough	57.2	60.7	60.7	0.7	0.0
(4)	Limerick County	83.3	96.7	100.9	1.9	2,1
	North Tipperary	54.3	58.5	59.0	0.9	0.4
(5)	Cork Borough	128.6	138.3	136.3	0.9	-0.7
	Cork County	224.2	257.9	266.0	1.8	1.6
	Kerry	112.8	120.4	122.7	0.8	1.0
(6)	Carlow	34.2	38.7	39.8	1,5	1.5
(6)	Kilkenny	61.5	69.2	70.8	1,5	1.2
(6)	South Tipperary	69.2	75.3	76.2	1.1	0.6
	Waterford Borough	32.0	32.6	38.5	0.3	0.0
(6)	Waterford County	45.3	54.7	50.2	2.4	1.4
	Wexford	86.4	96.4	99.0	1.4	1.3
(7)	Dublin Borough	567.9	544.6	525.4	-0.5	- 1.8
	Dun Laoghaire	53.2	54.2	54.4	0.3	0.1
	Dublin County	231.2	384.9	422.2	6.6	4.7
(7)	Kildare	72.0	97.2	104.1	3.8	3.5
(7)	Wicklow	66.3	84.0	87.3	3.0	2.0
(7)	Meath	71.7	90.7	95.6	3.0	2.7
(8)	Cavan	52.6	53.7	53.8	0.3	0.0
	Louth	75.0	86.1	88.4	1.8	1.3
(8)	Monaghan	46.2	50.4	51.2	1.1	0.8
(9)	Laoighis	45.3	49.9	51.2	1.2	1.2
(9)	Longford	28.3	30.8	31.1	1.1	0.6
(9)	Offaly	51.8	57.3	58.3	1.3	0.8
(9)	Roscommon	53.5	54.2	54.5	0.2	0.3
(9)	Westmeath	53.6	59.9	61.3	1,4	1.2
	Region					
	Donegal	108.3	121.9	124.8	1.5	1.2
	North West	78.6	82.5	83.0	0.6	0.3
	West	258.7	281.9	286.4	1,1	8.0
	Mid-West	269.8	300.8	308.0	1.4	1.2
	South West	465.7	516.5	525.0	1.3	0.8
	South East	328.6	366.8	374.5	1.4	1.0
	East	1062.2	1255.5	1289.0	2.1	1.3
	North East	173.8	190.2	193.3	1.1	8.0
(9)	Midlands	232.4	252.1	256.4	1.0	8.0
	State	2978.2	3368,2	3440.4	1.6	1.1

Notes: Data for "Dublin County" are for Dublin County exclusive of Dublin County Borough and Dun Laoghaire; similarly, for areas such as "Limerick County", the data relate to the County exclusive of the County Borough.

This table enables the counties to be matched up with the appropriate regions. The regions are numbered from 1 to 9, and the number of the appropriate region is given against each county. For example, North West comprises Leitrim and Sligo.

Sources: Census of Population (CP) 1979, Vol. 1; CP 1981: Preliminary Report.

9. The increase in population in any period is the natural increase — that is, births minus deaths — less net emigration (or plus net immigration). In turn, net emigration in a period is the difference between the flows of gross emigration and gross immigration in the period. For example, if the flow of gross emigration from an area — to other areas within Ireland and abroad — was 20,000 and the flow of gross immigration was 10,000, net emigration would be 10,000. Data are not available for the flows of gross migration. The data on migration, throughout, refer to net migration flows. However, zero net migration does not mean an absence of mobility, rather that the inward and outward flows are equal in magnitude.

10. The contributions of natural increase and net migration, respectively, to population change over 1971-81 can be examined. Of the population increase of 390,000 in the period 1971-79, natural increase accounted for 281,000 (or 72 per cent of the total) and net immigration accounted for 108,900. This indicates the relatively high rate of natural increase, which was 1.1 per cent per annum over 1971-79. In other words if net migration were zero, the population would increase at a rate of 1.1 per cent per annum. In the period 1979-81, the natural increase was 80,800 while the population increased by 72,200. Hence, the estimated net emigration in the two-year period 1979-81 was 8,600. Given the relatively short period, it is difficult to assess the extent to which the net emigration in 1979-81 is a turning point, by contrast with the 1971-79 period.

11. The 1971-79 period was an exceptional one in respects other than the turn around in net migration. First, in the 1960s the population growth had occurred only in the principal urban areas and in their hinterlands, and in some rural areas in the east of Ireland. But in the 1970s the growth was spread over a much wider area. Indeed, out of the 158 rural districts in the State, 128 experienced an increase in population. Those whose population declined were concentrated in the western seaboard and the North West - nevertheless, their rate of population decline was much less than formerly occurred. The turn around began in the second half of the 1960s, when there was a slowing down in the decline in population in rural areas, by contrast with big losses in the 1956-61 period. These trends are notable, in the light of the continual decline in agricultural employment. Increasing numbers of people are living in rural areas while either working nearby in nonagricultural occupations, or commuting to work elsewhere, or in retirement. With the exception of Leitrim, all counties had an increase in population in the seventies. For the first time since 1841, population increased in Cavan, Donegal, Longford, Mayo, Roscommon, and Sligo.

With the exception of Tipperary North Riding, Leitrim and Cavan, all counties had a net inflow of migration in 1971-79. By contrast, in 1966-71, there had been net out-migration from all but five counties.

- 12. Second, the population growth in the larger urban areas in the seventies was notably less than in the country as a whole. This trend was beginning to be evident in 1966-71, but was pronounced in the 1970s. The population of Dublin County Borough and Dun Laoghaire Borough fell. There was considerable decline in population in inner city areas. However, there were sharp increases in population in the areas surrounding the main urban centres. As in the 1960s, the most rapid growth in population in the 1970s occurred in Dublin County (which is used throughout to signify County Dublin less Dublin County Borough and Dun Laoghaire Borough). The population of Dublin County increased by 66 per cent in the 1971-79 period, or by 6.6 per cent a year, on average. This is over twice the rate of increase of Kildare which ranks second to Dublin County. There can be few, if any, other areas in Western Europe where population growth of this order occurred in this period. The rates of increase in the three counties contiguous to the Dublin sub-region (where this sub-region is defined as Dublin County Borough, Dun Laoghaire Borough and Dublin County), that is, Kildare, Meath and Wicklow, were in the range of 3.0 to 3.8 per cent per annum. While these rates were much less than in Dublin, they were far greater than in any other county. This all indicates that increasing numbers of workers are living in the counties surrounding the Dublin sub-region, while commuting to work in the sub-region. Around the period 1970-75, the beginning of a movement away from large cities was evident in the most highly urbanised countries - whether in the form of moves to the suburbs, or an increased desire to live in towns of intermediate size and in the hinterland of industrial centres (6). This trend, of growth in the suburbs and in rural areas close by the main urban centres, together with city - especially inner city - decline, occurred earlier in the United States. It is striking that it has occurred with such rapidity in Ireland.
- 13. In other respects, though, the 1970s saw a continuation, or an intensification of earlier trends. The rate of increase in Dublin County has already been noted this in fact exceeded the annual growth rate in the period 1966-71. The proportion of the population of the State which is in the East Region (the Dublin sub-region, Kildare, Wicklow, Meath) has continued to increase: from 34.3 per cent in 1966 to 35.7 per cent in 1961 and to 37.3 per cent in 1979. The rate of growth in the East, of 2.1 per cent per annum, was almost twice that in the rest of the country and three and a half times that of the North West. The

high growth in the East reflects a number of elements:

- (i) it has a higher than average proportion of the population of young adults (aged 20-29) which have relatively high marriage rates (in part reflecting the migration of earlier periods), thus the rate of natural increase of 1.4 per cent per annum is much higher than in any other region and contrasts with the lowest rate of 0.4 per cent per annum in the North West:
- (ii) over half of the net inward migration to the State in 1971-79 was in the East region; much of this was to County Dublin, whose rate of net immigration (per 100 average population) was nine times that of the State as a whole.

An implication of the relatively high rate of natural increase in the East is that it is likely that the increase in the share of population in the East will continue. In each region that annual rate of natural increase over 1971-79 was higher than in 1966-71, although in the case of the East and Midlands the increases were marginal. Trends in natural increase, at county level, reflect the regional variations. The highest rate, of 2.2 per cent per annum, occurred in Dublin County; this implies that its population would increase at an average annual rate of 2.2 per cent per annum, if there were zero net migration.¹

- 14. For the State as a whole, net migration accounted for 28 per cent of the increase in population in 1971-79. However, there were considerable regional differences in the relative contribution of net migration to population increase. Table 2 shows the net migration by county in 1966-1979. The regions where net migration was most significant were Donegal (where it accounted for 49 per cent of the population increase), North West (37 per cent) and the East (31 per cent). The highest rates of net immigration were, in order, in Donegal, the East and the South West. Within the Dublin sub-region, there were relatively high rates of net emigration from Dublin County Borough and Dun Laoghaire Borough. A certain proportion of this movement must have been to Dublin County. In the Dublin sub-region as a whole, net inmigration was 0.4 per 100 population in the 1970s.
- 15. In the Dublin sub-region in 1971-79, the population increased by 131,500. Of this increase, 101,900 was accounted for by natural increase and 29,600 by net in-migration. It can be noted in this regard that, in the last review of regional policy, in May 1972, the strategy which was envisaged for the period 1971-91 was that developments in the Dublin sub-region should be "such as to accommodate (only) the

¹Rates of natural increase and of net migration, respectively, on this page are average annual rates per 100 of average population.

Table 2

Net migration by county and region, 1966-1979, calculated from natural increase data

Area		1966-1971			1971-1979	
Alea	Males	Females	Persons	Males	Females	Persons
Donegal	-1527	- 1927	-3454	4167	2577	6744
Leitrim	-1020	-1141	-2161	-142	-330	-472
Sligo	758	-1045	-1803	967	999	1966
Galway	-2358	-2616	-4974	3216	2656	5872
Mayo	-4021	-3866	-7907	441	-332	109
Clare	-399	-377	-776	2778	1976	4754
Limerick Borough	-1669	-1906	-3575	-1146	-1352	- 2498
Limerick County	-433	-532	-965	2625	2145	4770
North Tipperary	-943	-832	-1775	-164	-178	-342
Cork Borough	-1004	-1002	-2006	- 709	-1014	-1723
Cork County	- 292	-887	-1179	8062	6269	14331
Kerry	-1219	1401	-2620	1283	193	1476
Cariow	- 798	- 705	-1503	391	172	563
Kilkenny	-545	- 761	-1306	1683	1228	2911
South Tipperary	- 1397	1436	-2833	1032	-314	718
Waterford Borough	133	-81	52	1207	-1419	-2626
Waterford County	296	231	527	2928	2646	1505
Wexford	- 758	-987	-1745	1059	446	1505
Dublin Borough	-18283	18691	-36974	-33734	-33433	-67167
Dun Laoghaire	~879	-967	-1846	-978	-687	-1665
Dublin County	18090	18061	36151	48338	50059	98397
Kildare	-60	325	265	7016	5411	12427
Wicklow	1406	940	2346	4205	4533	8738
Meath	206	265	471	5556	4605	10161
Cavan	-1197	-1257	-2454	-143	1013	-1156
Louth	358	79	279	1004	868	1872
Monaghan	-441	-609	1050	890	434	1324
Laoighis	-836	-600	1436	891	332	1223
Longford	- 703	-915	-1618	457	329	786
Offaly	-1395	-1605	-3000	300	-35	265
Roscommon	-1457	-1560	-3017	385	-98	287
Westmeath	-1045	-1354	-3499	864	623	1487
Region						
Donegal	-1527	- 1927	-3454	4167	2577	6744
North West	-1778	-2186	- 3964	825	669	1494
West	-6379	-6502	12881	3657	2324	5981
Mid-West	-3 444	-3647	- 7091	4093	2591	6684
South West	- 2515	-3290	-5805	8636	5448	14084
South East	-3069	-3739	-6808	5886	2759	8645
East	480	-67	413	30503	30588	60891
North East	-1280	- 1945	-3225	1751	289	2040
Midlands	-5436	-6034	-11470	2897	1151	4048
State	– 24948	-29337	- 54285	62315	48296	110611

Note: Data for the State and for individual counties differ slightly from those in CP 1971, Vol. I, Table 4, and in CP 1979, Vol. I, Table 4. This is because the natural increase data are revised in the annual RVS volume.

Sources: Report on Vital Statistics (RVS) 1971 to RVS 1977 inclusive; Quarterly Report on Births, Deaths and Marriages... (QRB) 1978 to QRB 1981 inclusive; CP 1971, Vol. I; CP 1979, Vol. 1.

natural increase of its existing population". As it happened, population increase in the Dublin sub-region was not confined to natural increase. The population of the sub-region would have been 954,000 rather than 984,000 in 1979 if natural increase only had resulted. This discrepancy is only 3 per cent, and relatively low for the following reasons. The population of Dublin County Borough declined and much of the population re-distribution took place within the sub-region. Moreover, much of the overspill of population was reflected in increased migration to adjoining counties, which are outside the sub-region. This indicates that "overspill" to adjoining counties, and the distribution of population within the sub-region have become critical issues since the last Government statement on regional policy.

16. Population change in the period 1979-81 reflected the trends of 1971-79 with respect to the decline in urban areas and the increases in the hinterlands of towns, in Dublin County and in the counties contiguous to the Dublin sub-region. With the exception of Donegal, there was net emigration from all regions, although the range of variation was small, from 200 in the North West to 2,700 in the East. Net out-migration from Dublin County Borough was 27,600 and net in-migration to Dublin County was 19,500; there was net out-migration from the Dublin sub-region as a whole of 8,300 by contrast with net in-migration of 29,600 in 1971-79.

Mortality

17. Appendix B, Table B.2 shows the trends in mortality between 1965-67 and 1978-80, as measured by the probability that a male or female in a particular age group will survive five years. Between 1965-67 and 1970-72, mortality increased (i.e., survivorship rates declined) in a number of age groups between 0 and 64, both for males and for females. Between 1970-72 and 1978-80, survivorship rates increased in all cases. Survivorship rates for those aged 65 and over increased between 1966 and 1971 and further increased between 1971 and 1979. Furthermore, between 1971 and 1979, the infant mortality rate (deaths at ages under 1 year of live born infants as a proportion of total live births) declined — from 18.0 per 1000 births in 1977 to 12.4 in 1979. While this study does not examine inter-county and inter-regional differences in mortality, it can be noted that, for those aged 65 or over, there is a higher level of mortality in urban areas (7).

¹A broad interpretation is given here to "natural increases of its existing population", since a literal reading of the Statement of May 1972 would imply that births and deaths which are a function of net migration to the sub-region should not be counted.

² Sources: RVS 1977, Table XXXIII; QRB, December Quarter, 1979; the latter data are on registered births. (Abbreviations are explained at foot of Table 2.)

Migration

18. Table 3 shows the changing patterns of migration by age in the period since 1966. This table shows the marked change from net emigration to net immigration between 1966-71 and 1971-76. Of equal interest is the contrasting patterns by age group. While there was an estimated net in-migration of 79,000 in the 1971-76 period, there was net emigration in the age groups 15-19 and 20-24, both for males and for females. This net outflow in the 15-24 age groups continued the pattern of 1966-71, though the average annual flows were smaller in magnitude. By contrast, there was heavy net in-migration in the age groups between 0 and 14 in the 1970s, and in the age group 65 and over. Again, this was a continuation of a trend in the period 1966-71, but the annual flows were much larger. Thus, the age distribution of the flows of net migration was broadly similar in the periods 1966-71 and 1971-79. There was evidently return migration of families with young children in the 1970s.

19. A critical question which projections must face is the extent to which the 1971-79 period was an aberrant one with regard to migration. A partial explanation for the change in migration would include an increase in employment opportunities and in real incomes in the Republic relative to those in Northern Ireland, an increase in migration across the Border for other reasons, and an increase in migration from Britain due to a combination of employment opportunities in the Republic and a worsening in unemployment rates in Britain relative to those in the Republic. (The link between migration flows and these forces has been shown, 8.) In the 1970s there was evidently a return flow of former migrants, aged 30-44, who had emigrated in their late teens and early twenties in the 1950s and in the early 1960s and who returned to Ireland in response to more favourable job conditions.

- 20. The components of net migration at the sub-national level are now examined. Net migration is comprised of two elements:
 - (i) Net external migration, which is the net flow of migration between the area and other countries;
 - (ii) Net internal migration, that is the net flow of migration between the area and the rest of Ireland.

When projecting the population of an area, it is desirable to make separate assumptions about trends in external and in internal migration. Thus, there is need to examine the recent trends in internal migration. Estimates are obtained as follows. Firm estimates of (total) net migration by age group by area are made for the periods since

Table 3

Estimated net migration for State, by age group and sex, 1966-1976 (a)

000 (- signifies net emigration)

Age group	Ma	iles	Fem	ales	Pers	sons
at end of period	1966-71	1971-76	1 96 6-71	1971-76	1966-71	1971-76
0 - 4	4.6	7.0	5.1	7.5	9.7	14,5
5 - 9	1.0	8.3	0.9	7.4	1.9	15.6
10 - 14	0 .0	6.0	0.1	5.3	0.1	11.3
15 - 19	- 8,5	-3.1	- 8.7	-3.9	-17.2	- 7.0
20 - 24	-22.7	-5,7	-20.5	-5.2	-43.2	-10.9
25 - 29	- 6 .5	5.8	- 5.1	5.1	-11.6	10.9
30 - 34	2.2	8.0	0.5	5.9	2.7	13.9
35 - 39	2.2	6.3	1,1	4.5	3.3	10.8
40 - 44	0.9	3.3	- 0.9	1.6	0.0	4.8
45 - 49	0.1	2.6	- 0.6	1.1	- 0.5	3.7
50 - 54	- 0.7	1.2	- 1.8	0.3	- 2.5	1.6
55 - 5 9	- 1.1	0.3	- 1.3	-0.3	- 2.4	0.1
60 - 64	- 0.3	1.8	- 1.1	1.4	- 1.4	3.2
65 and over	4.0	2.2	3.3	4.2	7.3	6.5
All ages	- 24 .8	44.0	-28.9	35.0	-53.7	79.0

(a) Data for 1971-76 are estimates, based on the trend over 1971-79; see Appendix A. There are slight differences between these data for 1966-71 and the aggregate data in

Table B.4.

Sources: CP 1971, Vol. II, Table X; Table B.5.

1966 (which are in Tables B.4 and B.5; see Appendix A for an outline of the method).

- 21. For each area, the breakdown of net migration between net external and net internal migration is not known. Some method of assigning the "known" net external migration for the State, to the counties, must be used. The method which is used is described in Appendix A, which also describes a check on the estimates by the use of an alternative method; there is a reasonable correspondence between the results under the two methods. However, estimates of net internal migration are subject to a margin of error, and in this respect are in contrast to the reasonably firm estimates of (total) net migration by area which are available.
- 22. Table 4 gives the estimates of net internal migration by area in the period since 1966. In 1971-79, the annual rates of flow of net

Table 4 Estimates of net internal migration, by county and region, all persons, 1966-1979

000

		000		
Area	Net interna	1) Il migration et emigration)	Average and	2) nual rate per age population
	1966-1971	1971-1979	1966-1971	1971-1979
(1) Donegal	- 0.7	3.4		
(2) Leitrim	- 1.5	- 1.4	- 1.2	3.8
(2) Sligo	- 0.9	0.4	-10.0 - 3.5	- 6.0
(3) Galway	- 1.4	2.1	- 1.8	1.0
(3) Mayo	- 4.9	- 2.2	- 1.8	1.7
(4) Clare	0.7	1.9	1.9	- 2.4
(4) Limerick Borough	- 2.6	- 5.1	- 9.2	3.0
(4) Limerick County	0.4	1,4	1.1	-10.9
(4) North Tipperary	- 0.9	- 2.4	- 3.5	2.0 - 5.4
(5) Cork Borough	- 0.6	- 7 .7	- 1.0	- 5.4 - 7.3
(5) Cork County	2.4	5.6	2.2	- 7.3 2.9
(5) Kerry	- 0.5	- 2.3	- 0.9	- 2.5 - 2.5
(6) Carlow	- 0.9	- 1.0	- 5.5	- 3.4
(6) Kilkenny	- 0.2	0.8	- 0.8	1.5
(6) South Tipperary	- 1,7	- 1.8	- 4.9	- 3.1
(6) Waterford Borough	0.2	- 4.3	1.6	-16.5
(6) Waterford County (6) Wexford	1.5	4.0	6.6	10.0
	- 0.3	- 1.9	- 0.7	- 2.5
(7) Dublin Borough (7) Dun Laoghaire	-26.3	-88.2	- 9.3	-19,8
(7) Duff Ladghaire (7) Dublin County	- 1.0	- 3.7	- 3.7	- 8.6
(7) Kildare	39.3	88.5	38,8	35.9
(7) Wicklow	1.6	9.0	4.6	13.3
(7) Meath	3.3	5.9	10.5	9.8
(8) Cavan	1.7	7.1	4.8	10.9
(8) Louth	- 1.6	- 3.1	- 5.9	- 7.3
(8) Monaghan	1.5	- 1.3	4.0	- 2.0
(9) Laoghis	- 0.1	- 0.2	- 0.6	- 0.6
(9) Longford	- 0.5 - 1.2	- 0.3	- 2.4	- 0.9
(9) Offaly	- 1.2	- 0.3	- 8.1	- 1.4
(9) Roscommon	- 1.7	- 1.4	- 7.3	- 3.2
(9) Westmeath	- 1.3	- 1.2	- 6.2	- 2.8
Region	1.5	- 0.5	- 4.7	- 1.1
(1) Donegal	١			
(2) North West	- 0.7	3.5	- 1.2	3.8
(3) West	- 2.4	- 0.9	- 5.9	- 1.4
(4) Mid-West	- 6.3 - 2.4	- 0.1	- 4. 8	0.0
(5) South West	1 '	- 4.2	- 1.8	- 1.8
(6) South East	1.3 - 1.5	- 4.5	0.6	- 1,1
(7) East	- 1.5 18.7	- 4.1	- 0.9	- 1.5
(8) North East	- 0.3	18.7	3.6	2.0
(9) Midlands	- 6.5	- 4.6 - 3.8	- 0.3	- 3.2
	0.5	- ა.გ	- 5 .6	- 2.0

Table B.4, 8.5.

internal migration to the East from other regions were much less than in the period 1966-71. There was a net outflow from all regions other than Donegal and the East, but the rates were relatively low. It has been established that, in the long run, movement between regions in Ireland occurs in response to income differences and the rate of growth in employment opportunities (9); the reduction in migration to the East in the 1970s reflects the marked employment increases which occurred in regions such as the West, Donegal and the North West combined and Mid-West (10). Table B.6 gives estimates of net internal migration by age, by county, in 1971-76.

23. There is need to distinguish "long-distance" internal migration from "short-distance" migration. Long-distance migration involves a change of residence and of employment and can be expected to depend on employment opportunities and Government policies, among other things. Short-distance migration involves a change of house; an example would be a move from city to suburbs. Housing availability, including local authority housing for rent, is especially likely to influence shortdistance migration - such as between Dublin County Borough and Dublin County. The decline in employment in inner city areas and the increase in employment in industrial estates outside the city centre has led residents of Dublin city centre to move to the suburbs in response to the availability of housing and in order to reduce the length of the journey to work. However, the ability to move is lower among those in local authority dwellings, due to residence requirements and the limited availability of dwellings in certain areas. Long-distance migration is likely to peak in the young adult group, aged 15-24 (for British evidence on this: 11). One conclusion is that much of the internal migration which occurs between Dublin County Borough and Dublin County is different in character from the internal migration between, say, the West and the East regions.

Nuptiality

24. Trends in the number of births reflect both marriage rates and fertility rates. The marriage rate can be expressed by the number of marriages as a proportion of the population which is "at risk", i.e. a proportion of the number of single persons aged 15-39. When this is done, the striking feature is that the marriage rate declined between 1972 and 1979 (from 38.4 per thousand to 31.3 per thousand). This was despite the high growth rate of real personal incomes per capita in the 1970s (which amounted to 3.9 per cent per annum over 1970-79), assuming that the marriage rate rises as real income per head rises (as was found in a study across Irish counties, 12).

25. Nevertheless, the proportion of married females has continued to rise. Table 5 shows the extent of the increase over time in the proportion of married females in each age group. This table also gives comparative data for other EEC countries. In the age groups 25-49, by 1979 Ireland had moved reasonably close to other EEC countries with regard to the proportions of females married, although this was not the case in the younger age groups.

Fertility

26. The number of births will depend on the number of women in the child-bearing years, and on the average number of children expected to be born to a woman over her child-bearing lifetime. Tables 6 to 9 show the trends in fertility, and a number of features are notable. First agespecific legitimate fertility rates declined in 1966-71, have continued to decline since 1971, and the rates of decline were steeper in the 1970s. If the 1966 age-specific fertility rates had existed in 1979, the number of legitimate births would have been 100,000 rather than the actual number of 69,000. Indeed. Table 8 shows that the average annual rate of decline in legitimate fertility in the 1971-79 period was exactly double the rate of decline over 1966-71, Second, the number of illegitimate births per 1000 single, widowed and divorced women increased from 4.8 in 1966 to 6.3 in 1971 and to 10.7 in 1979. Third, a summary measure of fertility in any year is the (period) total fertility rate (see Appendix A). It is an approximate measure of the average number of children which a woman would have in her lifetime, i.e., it approximates to "completed family size". Table 9 shows that this completed family size declined from 3.95 in 1966 to 3.78 in 1968, increased to 3.98 in 1971 and fell steadily to 3.24 in 1978. The average annual decline in total fertility over 1971-78 was 2.9 per cent per annum. Finally, by contrast to the proportion of females married by age, fertility rates are still far apart from the European-wide average. Appendix Table B.8 shows the extent of the difference, with fertility rates in Ireland being far greater than in other EEC countries.

child-bearing age groups, nd Ireland 1966-1979 Table 5

around 1974,

Age group	Denmark	England	Federal Rep.	France	Italy (a)	The	Scotland	-	Ireland (b)	<u>-</u>
		and Wales 1974	of Germany 1975	1975	1973	Netherlands 1975	1975	1966	1966 1971 1979	1979
7		7.0	6.1	3.5	6.8	4.5	7.9	1.6	2.1	2.7
15 - 19	4.4	0,72	51.7	444	1 44	52.5	54.0	25.2	31.0	33.6
20 - 24	787	27.50		77.8	77.0	83.0	81.1	62.0	9.89	71.9
25 - 29	70.7	, co	85.9	85.4	85.0	6.88	87.6	75.2	80.0	84.9
30 - 3 4 35 - 39	85.1	6.88	87.2	87.0	85.7	89.3	88.0	77.2	81.5	86.8
40 - 44	683	87.9	82.8	85.7	84.0	88.1	86.5	77.4	79.2	84.7
45 - 49	81.6	85.6	81.9	87.8	80.2	9298	82.7	73.4	76.1	9.62

Notes:

(b) These data are for different cohorts in each year. Thus, in 1979 the proportion married of females aged 40-44 was less than the proportion married of those aged 35-39, which is a different cohort. UN, Demographic Yearbook 1976, New York: UN, 1977, Table 41 of Special Topic Tables; UN, Demographic Yearbook: Special Issue: Historical Supplement, New York, 1979 (for France only); CP 1979, Vol. II.

Table 6

Age-specific legitimate fertility rates, 1966-1979

Age group of mother	Legitimate births per 1000 married women			Average annual rate of change in fertility (compounded annually)	
	1966	1971	1979	1966-71	1971-79
15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49	639.2 484.5 369.6 280.9 186.0 70.7 5.8	678.7 457.3 349.0 248.0 160.0 58.4 4.2	542.7 343.3 274.9 195.8 107.7 35.3 2.8	1.21 -1.15 -1.14 -2.46 -2.97 -3.75 -6.25	-2.76 -3.52 -2.94 -2.91 -4.83 -6.10 -4.94

Sources: RVS 1977; QRB, December Quarter, 1979; CSO.

Table 7
Illegitimate births per 1000 single, widowed and divorced women, 1966-1979

Age group of mother	1966	1971	1979
15-19	3.5	4.7	8.6
20-24	8.5	11.1	15.6
25-29	8.7	10.1	13.6
30-34	6.2	6.2	10.0
35-39	2.9	3.5	5.0
40-44	0.9	0.9	1.6
45-49	0.1	0.2	0.0
15-49	4.8	6.3	10.7

Sources: RVS; CSO.

Table 8
Index of legitimate fertility, 1966-1979

Index
100
91.6
69.2
Average annual % change of index
-1,7
-3.4

Sources: Table 6; CP 1979, Vol. II.

16

Table 9
Total fertility rate, 1966-1978

Year	Total fertility, per 1000 women
1966	3953.5
1967	3843.0
1968	3778.0
1969	3844.5
1970	3866.5
1971	3975.5
1972	3857,0
1973	3727.0
1974	3611.5
1975	3389.5
1976	3 29 9.0
1977	3258.5
1978	3240.5

Note: For definition of total fertility rate, see Appendix A. Source: Eurostat, Demographic Statistics 1980, 1982.

CHAPTER 3

PROJECTIONS OF POPULATION BY AREA, 1979-1991

The method

27. The projections cover two periods: 1979-1986 and 1986-1991. The "demographic component" method is used, a summary of which follows. The initial data are Census data on the population in each area in 1979, classified by fourteen age groups and by sex, together with Census data on the total population in each area in 1981, classified by sex. Estimates of the 1981 population by age group for each area are derived (see Appendix A for a note on the method). Three components of population change can be identified: deaths, births, and net migration. Thus, assumptions about future trends in mortality, fertility and net migration give the projected components of population change.

28. First, an estimate is made of the numbers in the population of 1981 who survive to be 5 years older. Survivorship rates measure the proportion of persons in a particular age group who survive five years. The rates (given in Table B.2) are applied to the base-year population by age group. Second, the number of projected live births in each subsequent year gives (after the application of survivorship rates) the "survived" population aged 0-4 after five years. Third, net migration is the sum of net external migration and net internal migration. Finally, the projected population for each area in each age group, by sex, is obtained by the addition of the following: the "survived" population from five years earlier, survived live births from the preceding five years, net external migration, net internal migration. The method is replicated to give the population after another five years.

The assumptions

29. With regard to mortality, with some exceptions, the survivorship rates of 1978-80, for quinquennial age groups up to age 65, are used for each five-year period; for the State, rates for quinquennial age groups up to age 75 are used. The exceptions relate to the survivorship rates which apply to births, and the survivorship rates for those aged 65 and over. It is assumed that the decline in infant mortality will continue, and that the average annual increase in survivorship rates applicable to births over 1979-91 will be the same as the average annual increase over 1971-79. It is also assumed that the increase in survivorship rates

for those aged 65 and over will continue over 1979-91 at the same average annual rate as in 1971-79.

30. Of the three components of population change, one can expect migration to be more volatile than either mortality or fertility. This is because migration can occur at any age (in contrast to fertility), and net migration is the balance of flows out and in. It is also arguably, the component which is most subject to change as a result of policy decisions. e.g. in relation to industrial location or to housing. Thus, it is well to test more than one set of assumptions on migration. Furthermore, as implied in paragraph 19, any assumption that the migration pattern of the 1971-79 period is repeated would imply that the underlying determinants of migration (which are suggested in that paragraph) continue on a trend. This seems implausible. Moreover, the flow of return migration to Ireland is determined partly by the stock of former migrants who are abroad. As this stock is whittled down, the return flow must decline. In the case of internal migration, there is need to balance any assumption of increased out-migration for one area with an assumption of increased in-migration to other area(s).

31. Partly as a result of the contrasting migration trends of 1971-79 and 1979-81, the main assumption on net migration is of zero net migration over all ages. Deviations from this central assumption, and their effects, can be explored. The age distribution of migration (given zero net migration overall) reflects both past trends in migration and likely labour market prospects. There have been relatively high rates of out-migration among those aged 15-24. For those aged 30-44, the marked increase in the labour force which is projected in this age group is likely to result in poorer job prospects than in the 1970s, and the rate of in-migration in this age group cannot be expected to equal that of the 1970s. There is a possibility that labour supply in Europe would decline in the late 1980s and early 1990s, giving a further impetus to out-migration from Ireland. In the period beyond 1985, a decline is expected in the population of working age (i.e. 15-59), and in the labour force, in Western Europe, particularly in the young ages (6, 13). However, any notable tightening in the labour market in Europe is less likely in the foreseeable future, given the current and likely unemployment rates in Europe. It is assumed therefore, that there will be net outmigration among those aged 15-29; that there will be net in-migration among those aged 30-44 but at a lower rate than in the 1970s; that net

¹ British Census data show that, in 1971, 709,200 residents of Great Britain were born in the Republic of Ireland, and of these, 497,500 had entered prior to 1960 (Office of Population Censuses and Surveys, *Census 1971: Great Britain: Country of Birth Tables*, 1974).

in-migration in the age group 0-14 (which is partly related to net migration at ages 30-44, as children return with families) will continue; and that net in-migration in the age group 65 and over will continue. The two alternative assumptions on migration are as follows.

External migration

Assumption |

For all age groups combined, net migration is zero, both for males and for females; the age distribution is in Table 10.

Assumption II

Average annual net emigration of 5,000 per annum for all persons (2,500 for males and 2,500 for females); the age distribution is in Table 10.

32. Two alternative assumptions on internal migration in 1981-86 and 1986-91 are made:

Internal migration

Assumption I

That the annual flows of net internal migration, by county and age group are the same as occurred in 1971-79

Assumption II

That there is zero net internal migration in each age group in each county.

How realistic is assumption I, of a continuation of recent trends in net internal migration? Table 4 has shown that rates of internal migration tended to be lower in the 1970s than in the second half of the 1960s. However the distribution of net internal migration flows between the regions was broadly similar in the two periods. If employment opportunities continue to be available in the regions, the net internal migration flows may continue to be dampened. Zero net internal migration into the East region would seem to require interventionist policies on a scale not observed to date, especially with regard to service employment. It can also be assumed that trends in short-distance migration will continue, in the absence of marked changes in housing availability.

33. The assumptions on the proportion of married females in each age group are given in Table 11. It is assumed that the proportion continues to rise in each age group; further details are in Appendix A. With regard to fertility rates, two alternative assumptions are used

Table 10

Net external migration assumptions for State, 1979-1991

000 (- signifies net emigration)

Age group at end of period	Assumption I 1981-86 and 1986-91		Assumption II 1981-86 and 1986-91		
	Males	Females	Males	Females	
0 - 4 5 - 9 10 - 14 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 55 - 59 60 - 64 65 and over	3.0 3.0 3.0 -5.0 -15.0 -5.0 6.0 0.0 0.0 0.0 0.0	3.0 3.0 3.0 -5.0 -14.0 -4.0 4.0 4.0 0.0 0.0 0.0 0.0 2.0 4.0	2.2 2.1 2.1 -5.9 -15.9 -5.9 5.1 5.1 -0.9 -0.9 -0.9 -1.1	2.2 2.1 2.1 5.9 -14.9 4.9 3.1 3.1 -0.9 -0.9 -0.9	
All ages	0.0	0.0	-12.5	-12.5	

Table 11

Proportion of females married by age group; assumptions 1979-1991

Age group	1979 (actual)	1981	1986	1991
15 - 19	2.7	2.8	3.2	3.6
20 - 24	33.6	34.2	35.9	37.5
25 - 29	71.9	72.6	74.7	76.7
30 - 34	84.9	86.1	89.0	89.0
35 - 39	86.8	88.0	89.0	89.0
40 - 44	84.7	85.9	88.0	88.0
45 - 49	79.6	80.4	62.4	84.3

Source: For 1979 data: CP 1979, Vol. II.

Assumption 1

That legitimate fertility rates decline in all age groups in line with the average annual rate of decline in 1971-79, with the exception of the ages 35-49 where half the rate of decline of 1971-79 is assumed (Table 12).

Assumption 2

That legitimate fertility rates decline in all age groups at half the average annual rate of 1971-79.

In each age group between 15 and 44, the illegitimate fertility rate is assumed to increase at half the average annual rate of the 1971-79 period. Thus, Assumption 1 has lower fertility than does Assumption 2. Assumption 1 would imply a total fertility rate of 2775 in 1986 and 2471 in 1991 (or an average annual decline of 1.9 per cent per annum over 1978-1986, and of 2.3 per cent per annum over 1986-91. Assumption 2 would imply a total fertility rate of 3017 in 1986 and 2850 in 1991 (or an average annual decline of 0.9 per cent per annum over 1978-86 and of 1.1 per cent per annum over 1986-91). There is a further check on the plausibility of the fertility assumptions: the implied completed family size is worked out. This is done in part because changes in

Table 12
Assumptions on fertility, 1979-1991

	Legitimate births per 1000 married women						
Age group of mother	,	Assumption 1			Assumption	2	
	1981	1986	1991	1981	1986	1991	
15-19	513.2	446.1	387.9	527,8	492,4	459.3	
20-24	319.6	267.1	223.3	331.3	303.2	277.4	
25-29	259.0	223.1	192.2	266.9	247,8	230,1	
30-34	184.6	159.2	137,4	190.1	176.7	164.2	
35-39	102.6	90.8	80.3	102.6	90.8	80.3	
40-44	33.2	28.4	24.3	33.2	28.4	24.3	
45 -4 9	2.7	2.4	2,1	2.7	2.4	2,1	

Age group of mother	Illegitimate births pe 1981	er 1000 single, widowed a 1986	and divorced we
	1961	1960	1991
15-19	9.3	11,2	13.6
20-24	16.3	18,1	20.1
25-29	14.1	15,5	17.0
30-34	10.6	12.4	14.4
35-39	5.2	5.9	6.6
40-44	1.7	2.1	2.5
45-49	0.0	0.0	0.0

Qualifications

34. Before the results are given, a number of qualifications should be made (see also Appendix A). First, the projections are patently dependent on the underlying assumptions. The distinction can be made between projections — "numerical consequences of the assumptions chosen . . . conditional on the assumptions being fulfilled" (14) - and predictions of what will actually happen. But while the projections here are conditional on the assumptions being realised, some of the elements about which assumptions are made are more variable than others. In particular, migration is subject to considerable change. Second, the smaller the area for which projections are made, the bigger the margin for error may be, as changes in migration can have a disproportionate effect and short-distance migration is likely to have a greater influence on the outcome in the smaller areas: this should be borne in mind when interpreting the results for those counties with relatively low population in 1981. In particular, the assumption of a continuation of flows of net internal migration is, arguably, more tenable at regional level than at the level of the individual counties (since the inter-county migration, within regions, is removed at the regional level). Third, the projections for regions and counties are likely to be subject to a greater margin of error than those for the State, as information on past internal migration is less accurate than data for the State on migration. Fourth, the further away the terminal year of the projection, the bigger is the margin of error.2

The projections

35. Projections of population for the State by age group are in Table 13 and in Appendix B, Table B.9. Under assumption I on migration and assumption 1 on fertility, the population is projected to increase from

¹These calculations terminate with the age group 40-44.

²While it is not possible to give confidence intervals for the projections, the theory of prediction indicates that confidence intervals widen as the period, over which prediction is made, lengthens.

Table 13

Population projections by broad age groups, all persons, 1979-1991

000
(In parentheses are percentages of population in the respective age groups)
Assumption 1 on fertility

Age group	1979	19	186	1991	
		1	П	1	Ш
0 - 14 15 - 29 30 - 44 45 - 64 65 + All ages Young depend- ency ratio (a) Old depend- ency ratio (b) Dependency ratio (c)	1029.9 (30.6) 823.1 (24.4) 558.0 (16.6) 595.9 (17.7) 361.4 (10.7) 3368.2 52.1 18.3	1084.6 (29.8) 892.1 (24.5) 692.9 (19.0) 591.5 (16.2) 380.2 (10.4) 3641.4 49.8 17.5 67.3		1092.3 (28.5) 933.5 (24.4) 781.6 (20.4) 624.4 (16.3) 396.0 (10.3) 3827.9 46.7 16.9	1080.6 (28.6) 922.8 (24.5) 770.8 (20.4) 610.3 (16.2) 388.4 (10.3) 3772.9 46.9 16.9

Assumption 2 on fertility

000

Age group	1979	198	3 6	1991	
		l		l	l I
0 - 14 15 - 29 30 - 44 45 - 64 65 +	1029.9 (30.6) 823.1 (24.4) 558.0 (16.6) 595.9 (17.7) 361.4 (10.7) 3368.2	591.5 (16.2)	687.5 (18.9) 584.3 (16.1)	1156.9 (29.7) 933.5 (24.0) 781.6 (20.1) 624.4 (16.0) 396.0 (10.2) 3892.5	, ,
Young dependency ratio (a) Old dependency ratio (b) Dependency	52.1 18.3	50.8 17.5	50.9 17.5	49.5 16.9	49.7 16.9
ratio (c)	70.4	68.3	68.4	66.4	66.5

Notes: I and II refer to the two assumptions on net migration. All data are defined at mid-April in each year,

- (a) Those aged 0 14 as a proportion of those aged 15 64.
- (b) Those aged 65 + as a proportion of those aged 15 64.
- (c) Those aged 0 14 plus those aged 65 + as a proportion of those aged 15 64.

Sources: CP 1979, Vol. II; Table B.9.

3.368 million in 1979 to 3.641 million in 1986 and to 3.828 million in 1991. This would amount to an average annual rate of increase of 1.07 per cent per annum over 1979-91. With assumption II on migration, the population is projected to increase to 3.773 million in 1991, implying an average annual rate of increase of 0.95 per cent per annum. By contrast, for the EEC as a whole, the projected rate of increase in the period 1975-90 is much lower — about 0.3 per cent per annum (11). In Europe as a whole, the population is expected to grow by about 0.3 to 0.4 per cent per annum between 1975 and the end of the century (6).

36. The age distribution of the population, and in particular the dependency ratios, are of interest, especially as regards the implications for the social services. Under assumption I on migration, the proportion of the population aged 0-14, and the proportion aged 65 and over, would decline. The "young dependency" ratio (those aged 0-14 as a proportion of those aged 15-64) would decline from 52.1 to 46.7, and the "old dependency" ratio would fall from 18.3 to 16.9. The dependency ratios are not sensitive to the different assumptions on net migration. Under assumption 2 on fertility, the young dependency ratio would fall, although the decline would not be as marked. While the Tables show the projected numbers aged 65 and over, the following tabulation shows the projected numbers aged 75 and over.

Population projections for those aged 65 and over, with different assumptions on migration, 1979-1991 000

Age group	1979	19	986	19	991
		ı	11	I	11
			Males		
65-69	65.0	59.4	58.9	59.6	58.3
70-74	45.8	50.3	49.8	49.2	48.4
75 and over	52.2	58.1	57.2	62.8	61,1
1			Females		
65-69	68.8	67.2	66.8	69.3	68.0
70-74	52.5	61.6	61,1	61.9	61.0
75 and over	77,1	83.7	82.8	93.2	91.5
			Persons		
65-69	133,8	126.6	125,7	128.9	126.3
70-74	98.3	111.9	110.9	111.1	109.4
75 and over	129.3	141.8	140.0	156.0	152.6

This shows that the number of persons aged 75 and over is projected to increase much faster than the population as a whole: by 20.6 per cent over 1979-91 (for migration assumption I) by comparison with 13.6 per cent for the population as a whole.

37. Chart 1 shows the projected change in the population by broad age group. An index of population ageing is the ratio of the number of persons aged 65 and over to the number of persons aged 0-14: this ratio is projected to increase from 0.35 in 1979 to 0.36 in 1991. An indication of the relative "youthfulness" of the population is the ratio of the numbers aged 30-44 to the numbers aged 15-29: having fallen to 0.68 in 1979, this ratio is projected to rise to 0.84 in 1991. Thus, the population becomes more weighted towards the early middle-aged. This is also seen from the projected increase in population aged 30-44 of 40.1 per cent, by comparison with a 13.4 per cent projected increase for those aged 15-29. The population of working age, i.e., 15-64, is projected to increase by 18.3 per cent between 1979 and 1991, under assumption I on migration, compared with an increase of 13.6 per cent in total population. This has implications for the projected rise in the labour force. The impact of population change on the labour force can also be assessed by calculating the ratio of the population aged 15-24 to the population aged 55-64: this approximates to entrants to the labour force as a ratio of leavers from the labour force (or the replacement ratio). This ratio is projected to rise from 2.00 in 1979 to 2.34 in 1991, i.e., a rise in the number of entrants to the labout force, relative to the numbers who leave, is projected.

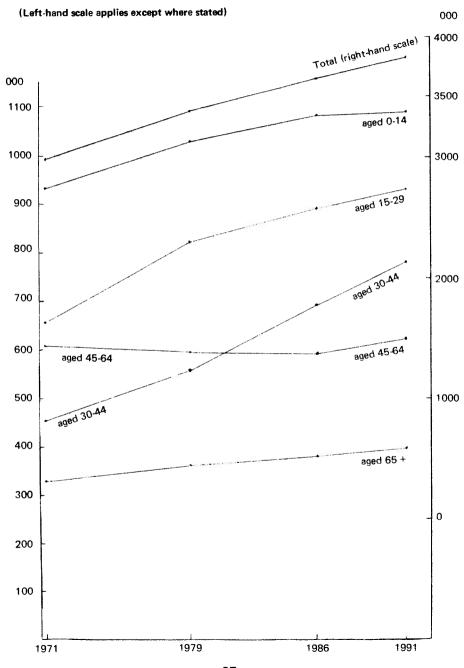
38. The results of assumption 2 on fertility are that the projected population aged 0-4 in 1991 would be higher by 44,000 and the projected population aged 5-9 in 1991 would be higher by 21,000. Thus, the projections are sensitive to the assumptions on fertility. The projected annual average number of births, and the crude birth rate (births as a proportion of total population) are as follows (for assumption I on migration):

		Projected, given fertility assumption			
	1976-81(a)		nption I 1986-91		nption 2 1986-91
Annual average number of births	70,600	72,800	71,600	77,000	80,400
Crude birth rate per 000 population	21.2	20.6	19.2	21.7	21.3

Note: (a) Average annual births over calendar years 1976-1980 inclusive are used (source: RVS 1977; QRB).

39. Table 14 shows the population projections for the regions, while data for the individual counties are in Appendix B, Tables B.10 to B.13. Under assumption I on net external migration, the projected average annual rate of growth varies from 1.5 per cent in the East to

Chart 1
Population projections by broad age group, 1971-1991



26

Table 14

Population projections by region, all persons, 1979-1991

Assumption 1 on fertility

Assumption I on internal migration

Area 1979		1991 Assumption on external migration II		Average annual rate of change (compounded annually 1979-1991 Assumption on external migration	
		000		%	
Donegal North West West Mid-West South West South East East North East Midlands	121.9 82.5 281.9 300.8 516.5 366.8 1255.5 190.2	139.1 85.9 305.2 334.3 567.3 410.6 1504.9 206.7	137.1 84.6 300.8 329.4 559.0 404.6 1483.6 203.7	1.1 0.3 0.7 0.9 0.8 0.9 1.5 0.7	1.0 0.2 0.5 0.8 0.7 0.8 1.4
State	252.1 3368.2	274.0 3827.9	270.0 3772.9	0.7	0.6 1.0

Assumption II on internal migration, assumption I on external migration

	000	% difference from projection with ass. I on internal migration
Donegal	134.5	-3.3
North West	86.9	1.2
West	304.7	-0.2
Mid-West	339.0	1.4
South West	573.0	1.0
South East	416.6	1.5
East	1472.4	-2.2
North East	213.4	3.2
Midlands	278.9	1.8

Sources: CP 1979, Vol. I; Table B. 11.

- 0.3 per cent in the North West. It is projected that the proportion of the population in the East would increase from 35.7 per cent in 1971 and 37.3 per cent in 1979 to 38.5 per cent in 1986 and 39.3 per cent in 1991.
- 40. This can be put in context by comparison with the NESC recommendation (15) that the strategy with regard to the concentration of population in the East region should be to contain the share of the East region to 37.5 per cent in 1986. The target of 37.5 per cent in that report is based on a projection that the share of the population in the East would rise from an estimated 36.6 per cent in 1975 to 38.4 per cent in 1986 on the assumption of continuing internal migration (16, p. 97). The more detailed projections in this study suggest that the proportion of the population in the East in 1986 on the basis of a continuation of net internal migration would be about the same as that projected in the above NESC report. Table 14 shows the sensitivity of the projections to different assumptions on internal migration. The population of the East would be 2.2 per cent lower in 1991 under an assumption of zero net internal migration.
- 41. At the county level (Table 15), the projected change in population over 1979-91 varies from 67.7 per cent in Dublin County (or an average annual rate of increase of 4.4 per cent per annum) to a decline of 5.8 per cent (on average, 0.5 per cent per annum) in Leitrim. The population of the Dublin sub-region is projected to increase from 983.7 thousand in 1979 to 1141 thousand in 1991: an increase of 16 per cent or 1.2 per cent per annum. While the population of Dublin County Borough is projected to continue to fall, there is a good deal of uncertainty about this, given the prevalence of "short-distance" migration. There is a "lower bound" to the population of Dublin County Borough, set by the housing stock. The current upper capacity in Dublin County set effectively by availability of drainage is a population of some 700,000, while the projection in Table 15 gives 646,000 in 1991.
- 42. A target for the population of the Dublin sub-region was set in the last Government review of regional policy (of 4 May 1972), which stated that the Government accepted certain population ranges in 1981 for the main urban centres as a planning base: for the Dublin sub-region the estimated 1991 population range was 1125-1200 thousand, compared with a State figure of 3600-3800 thousand. The projections for the sub-region are close to mid-way in that range. However, as indicated in paragraph 15, the distribution of population within the sub-region and within the East region as a whole, have become the critical planning issues.

Table 15
Population projections by county, all persons, 1979-1991

Assumption I on external migration Assumption I on internal migration Assumption 1 on fertility

Area	1979 Thou	1991 Usands	Average annual % rate of change (compounded annually) 1979-1991
Donegal	121.9	139.1	1.1
Leitrim	27.8	26.2	-0.5
Sligo	54.6	59.7	0.7
Galway	167.8	188.6	1.0
Mayo	114.0	116.7	0.2
Clare	84.9	97.9	1.2
Limerick Borough	60.7	61.1	0.1
Limerick County	96.7	114.2	1,4
North Tipperary	58.5	61.0	0.4
Cork Borough	138.3	139.5	0.1
Cork County	257.9	300.4	1.3
Kerry	120.4	127.3	0.5
Carlow	38.7	44.0	1.1
Kilkenny	69.2	79.0	1.1
South Tipperary	75,3	81.0	0.6
Waterford Borough	32.6	37.2	1,1
Waterford County	54.7	61.8	1.0
Wexford	96.4	107.6	0.9
Dublin Borough	544.6	442.4	-1.7
Dun Laoghaire	54.2	52.5	-0,3
Dublin County	384.9	645.6	4.4
Kildare	97.2	135.6	2.8
Wicklow	84.0	109.3	2.2
Meath	90.7	119.6	2.3
Cavan	53.7	52,7	-0.2
Louth	86.1	98.6	1.1
Monaghan	50.4	55.4	0.8
Laoighis	49,9	55.6	0.9
Longford	30.8	33.4	0.7
Offaly	57.3	62.7	0.7
Roscommon	54.2	54.6	0.1
Westmeath	59.9	67.8	1.0
State	3368.2	3827.9	1.1

CHAPTER 4

LABOUR FORCE BY COUNTY AND REGION, 1971-1979

Introduction

43. This chapter examines the trends in the labour force, that is those who are employed together with those who are seeking a job. One qualification: data are given for the 32 administrative units, but for areas such as the Dublin sub-region the local labour force is defined over an area spanned by a number of counties, which in the case of the Dublin sub-region would include Counties Wicklow and Kildare. In general, the labour force of each County Borough is not an independent entity but forms a labour force together with the county in question.

Labour force over time

44. The labour force increased from 1114 thousand in 1971 to an estimated 1221 thousand in 1979¹: after adjusting the 1971 data to make them comparable with 1979 (Appendix A), there was an average annual increase of 1.56 per cent per annum. This is far higher than the rate of increase in the EEC as a whole, where the rate of increase was 0.55 per cent a year, on average, between 1971 and 1978 (5). The female labour force (having adjusted the 1971 numbers) increased by 2.2 per cent per annum, on average in this period. Some of this increase is likely to have been in part-time employment. In 1979, an estimated 58,000 persons in the labour force worked part-time, of whom 41,000 were women (of whom, in turn, 36,000 worked 30 hours or less per week, source: Labour Force Survey). By 1979 the female labour force (including first job seekers) was an estimated 342,000 out of a total of 1,235,000.

45. Table 16 shows the relative change over time in the labour force by county and region since 1971. (The construction of the 1979 estimates of the labour force by area is described in Appendix A.) Over the period 1971-79, the average annual increase in the labour force varied from 2.4 per cent in the East to 0.1 per cent in the North West.

These data exclude first job seekers.

Table 16

Proportionate change in labour force by county and region, all persons, 1971-1979

Average annual percentage increase Area in labour force (-signifies a decrease) 1971-1979 0.8 Donegal 0.9 Leitrim 0.7 Sligo 1.2 Gaiway 0.0 Mavo 1.0 Clare 1.5 Limerick Borough 16 Limerick County 0.7 North Tipperary 1.7 Cork Borough 1.4 Cork County 0.5 Kerry 1.7 Carlow 1.4 Kilkenny 1.0 South Tipperary 0.7 Waterford Borough 2.0 Waterford County 1.2 Wexford 0.3 **Dublin Borough** 0.8 Dun Laoghaire 7.1 **Dublin County** 3.8 Kildare Wicklow 2.9 Meath 2.8 0.0 Cavan 1.9 Louth Monaghan 0.7 1.0 Laoighis 0.6 Lonaford 1.1 Offaly Roscommon -0.4 1.5 Westmeath Region Donegal 0.8 North West 0.1 0.7 West Mid-West 1.2 1.3 South West South East 1.3 2.4 East 1.0 North East

Note: The data for 1971 are calculated for the labour force excluding those "not yet at work". The rates for 1971-79 are calculated from the estimated 1979 labour force where it excludes those looking for first regular job. The 1971-79 rates employ

0.8

1.6

an adjustment to the 1971 labour force; see Appendix A.

Sources: CP 1971, Vol. V. Table 3A, 3B, 5A, 5B; Table C.2.

Midlands

State

Activity rates

46. The changes which occur in the labour force reflect two elements: changes in the numbers aged 15-64, and changes in activity rates (i.e., labour force participation rates) or the proportion of the population which in the labour force. Table 17 shows the trends in activity rates since 1966 and Chart 2 shows the trends since 1975.

47. For males, there was a sharp break in the trend in activity rates after 1971. However, there are problems of comparability between the 1971 data and the data for 1975 and subsequent years. 1 Activity rates among males aged 15-19 fell between 1975 and 1979, reflecting increased participation in education. The early 1970s were affected by the raising of the school leaving age from 14 to 15 in 1972. Between 1975 and 1979, the participation rate in education for males aged 15-19 increased from 42.3 per cent to 46.0 per cent.² There is little evidence of a noticeable increase in participation for males aged 20-24: male participation in education in this age group was virtually unchanged between 1975 and 1979 (moving from 8.9 per cent to 9.0 per cent). There is one difficulty in interpreting these trends: 1979 was a year of relatively high demand for labour which could have pulled an above average proportion of males into the labour force. Activity rates among males aged 25-54 declined between 1966 and 1979. Since 1971, activity rates for males aged 55-64 have declined more sharply. The most marked decline occurred among males aged 65 and over, from 48 per cent in 1966 to 26 per cent in 1979. There are likely to be a number of reasons for the decline in activity rates for those aged 55 and over. First, there was a decline in the proportion of the labour force which is at work in agriculture, and the agricultural labour force contains a relatively high proportion of people aged over 64. Second, there have been increases in the level of State pensions in real terms (17). Moreover, the State has encouraged the development of privately funded pension schemes by giving tax allowances to employers and employees. and there has been a big increase in the number and range of private pension schemes. Third, there have been changes in eligibility. The qualifying age for the Old Age Pension in 1973 fell from 70 to 67. leading to an estimated 40,000 new pensioners and in 1973 the means qualifications for pensions were eased, leading to 12,000 new pensioners.

¹The rates after 1971 come from the Labour Force Surveys. It is likely that the activity rates which are based on the Labour Force Survey are lower than Census-based activity rates would be (see Appendix A). This is in part because the Labour Force Survey is based on an interview; by contrast, the Census is based on self-enumeration. There may thus be higher activity rates in the age group 65 and over from a Census of Population than from a survey based on interview.

²Source: Department of Education, Statistical Reports.

Table 17

Activity rates by sex and age, 1966-1979

Age group	1966	1971	1975	Adjusted 1975	1977	1979
			Males			
15 - 19 20 - 24 25 - 34 35 - 44 45 - 54 55 - 64 65 and over 15 and over	61.5 89.4 97.3 97.8 96.8 90.0 48.4 83.3	50.7 88.9 97.2 97.6 96.5 91.0 43.9 81.3	47.3 (53.0) 90.1 (92.0) 97.2 96.6 94.0 83.8 28.2 77.3 (78.4)	47.1 (52.8) 89.8 (91.7) 96.7 96.1 92.4 82.3 26.9 76.5 (77.5)	44.1 (49.2) 87.6 (88.9) 96.9 95.8 92.5 81.7 26.3 75.9 (76.8)	46.2 (50.1) 89.9 (91.2) 96.9 95.7 91.2 77.9 26.0 75.9 (76.6)
			Females			
15 - 19 20 - 24 25 - 34 35 - 44 45 - 54 55 - 64 65 and over 15 and over	53.6 66.8 29.0 18.4 20.2 21.8 13.2 28.7	44.9 65.0 28.5 19.1 20.8 21.3 11.3 27.8	42.0 (47.4) 66.0 (67.1) 30.5 22.3 24.6 20.9 7.2 28.5 (29.4)	41.8 (47.3) 65.7 (66.9) 29.9 22.0 23.9 20.1 6.1 27.9 (28.8)	38.1 (41.3) 65.8 (66.4) 31.4 21.2 23.7 20.1 5.6 27.7 (28.2)	38.8 (41.9) 68.0 (68.6) 33.4 22.9 24.0 20.1 4.6 28.7 (29.2)

Notes: The activity rates in parentheses for 1975 onwards include, in the labour force, those looking for first regular job. The labour forces for 1966 and 1971 are not directly comparable with those for 1975, 1977 and 1979; if re-calculated according to the Labour Force Survey concepts of 1975 et seq., the labour forces of 1966 and 1971 would be lower: see Appendix A. On adjustments to 1975 activity rates (column headed "Adjusted 1975"), see Appendix A.

Sources: Table C. 1; Labour Force Survey; 1979 Results (LFS 1979)

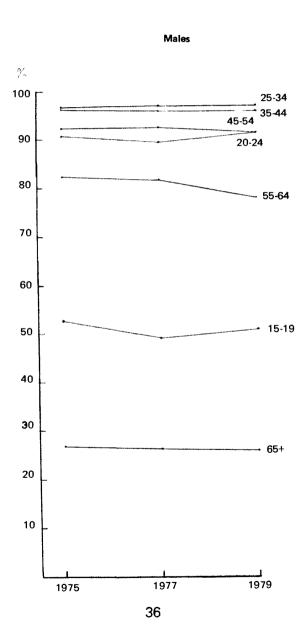
The change in pension age has an effect not only through its effects on benefits but through affecting attitudes on when people should retire. Fourth, changes in unemployment can influence activity rates. There are two possible effects of an increase in unemployment: an "added worker" effect, as additional family members enter the labour force in order to keep up income, and a "discouraged worker" effect as workers drop out of the labour force. In practice, the discouraged worker effect is likely to be more important (18). The effects of job prospects on activity are likely to be greatest at the younger and the older age groups, due to social pressures and less financial insecurity. There may also be labour demand effects — an unknown number of employers may have encouraged early retirement by various incentives in order to adjust the size of their work force. People may also have

dropped out of the labour force due to discrimination by age. Finally, it can be argued (13) that part of the decline has been involuntary for reasons other than discrimination: compulsory retirement, or tax and social security regulations which put high effective tax rates on older wage earners. For males as a whole, activity rates declined between 1975 and 1979.

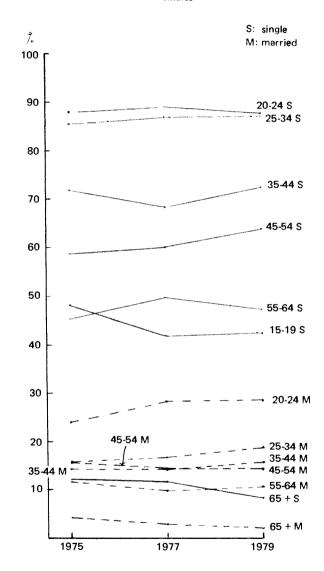
48. In the case of females, there is a contrast between the broad age group 20-54 and the age group 65 and over. Activity rates for those aged 20-54 increased between 1971 and 1979. Between 1975 and 1979, the activity rates of females aged 15-19 declined, a reflection of the increased participation rate in education for females in this age group, from 49.4 per cent in 1975 to 54.7 per cent in 1979. Table 18 and Chart 2 show the trend in activity rates for women since 1977, classified by marital status and age. This Table shows the much higher activity rates among single women than among married women. Over time, activity rates for single women aged 20-64 have been relatively stable. In the case of married women, activity rates for those aged 20-44 are on a rising trend, while there have been declines in activity for those aged 45-64. A number of elements are likely to have resulted in the rise in activity rates for women aged 20-54. First, there was the removal of the marriage bar in the public service from 31 July 1973. Second, there was the impact of equal pay legislation (in force 31 December 1975), and anti-discrimination legislation (into operation 1 July 1977). Third, there has been a decline in average family size, together with improved child-care and other child related facilities. There is likely to have been a greater social acceptability of women with dependent children being in the measured labour force. Fourth, the availability of labour-saving devices in the home and of collective services such as nurseries have facilitated the entry or re-entry of married women to the labour force. Fifth, the the number of part-time jobs is likely to have increased over time; this would have facilitated labour force re-entry for married women. Sixth, there is likely to have been a slight increase in women's labour force due to the relaxation, from 1 October 1978, of the rules governing the application for Unemployment Benefit by single women and by widows. Finally, there have been changes in economic structure. The proportion of employment in agriculture has declined, while the proportion in services has increased. Many women who entered the labour market have found employment in services, which have offered considerable employment opportunities for women.¹ Nevertheless, the

¹Between 1975 and 1979, total employment of women increased by 25,000, of which 18,000 was in the service sector (LFS 1979).

Activity Rates, 1975-1979



Females



Notes: Included in the labour force are those looking for first regular job. Adjusted 1975

rates are used.

Sources: Tables 17, 18.

Table 18 Activity rates by marital status and age, females 1975-1979 $\sum_{n=1}^{\infty}$

Age group	1975	Single Adjusted 1975	le 1977	1979	1975	Married Adjusted 1975	ied 1977	1979	1975	Widowed Adjusted 1975	ved 1977	1979
15.19	42.6 (48.2)	42.4 (48.1)	38.5 (41.8)	39.2 (42.4)	24.5 (25.7)	25.0 (25.0)	n.a.	п.а.	n.a.	n.a.	n.a.	n.a.
20-24	86.6 (88.2)	86.3 (88.0)	87.7 (88.7)	86.6 (87.5)	24.1 (24.3)	23.8 (24.0)	28.4 (28.4)	28.5 (28.5)	n.a.	n,a.	n.a.	n.a.
25-34	9.98	85.4	9.98	86.9	16.0	15.9	16.7	18.7	n.a.	n,a.	n.a.	n.a.
35-44	73.0	71.8	68.2	72.2	14.4	14.3	14.3	15.6	43.5	37.1	41.1	51.6
45-54	62.7	58.7	0.09	63.6	15.7	15.6	14.4	14.4	43.6	42.0	38.4	40.4
55-64	48.0	45.2	49.6	47.1	11,7	11.6	6.6	10.7	26.0	25.3	24.4	24.0
65 and over	15.9	12.2	11.7	8.4	4.5	4.1	2.9	2.0	5.0	4.5	4.4	4.1
		7E	4									

votes. On aujusteu 1970 lates, see App n.a.: not available Source: LFS 1979. activity rates of women are still much lower than the Western Europe average. If the activity rate for women in Ireland were equal to that the rest of the EEC in 1977 (22), the female force would be high by 103,000, that is, by some 32 per cent.

- 49. There was a slight decline in the activity rate for women age 55-64 between 1971 and 1979, while again a marked decline occurre in the 65 and over age group between 1966 and 1979. The reasons for this decline in activity rates are likely to be the ones which were give for the fall in male activity rates in these age groups. The activit rate for all women aged 15 and over increased slightly between 197 and 1979, if first job seekers are excluded.
- 50. The relative contributions of the population and activity rate components to change in the labour force in 1971-79 can be estimated a follows. Due to population change, there was an increase in the labour force of 172,000 in this period. As a result of changes in activity rates there was a decline in the labour force of 65,000 in the period. The net effect of these two components is an increase in labour force of 107,000. With regard to the component due to changes in activity rates, a decline of 66,000 occurred among males. In other words, if there had been no change in activity rates, the labour force would have increased by 72,000 rather than by 107,000 in this period.

¹These calculations relate to the 1971 labour force of 1114 thousand and the 1979 labour force of 1221 thousand (paragraph 44).

CHAPTER 5

PROJECTIONS OF LABOUR FORCE BY AREA, 1979-1991

- 51. Projections of the labour force are obtained by combining the projections of population (Chapter 3) with assumptions about the future trend in activity rates. From the earlier discussion, there are many influences which will affect activity rates in future. Given the relative paucity of empirical work, it is not possible to use a formal method of projecting activity rates. There is, however, empirical work by Walsh (3, 19) which gives some pointers, as follows. For both males and females, the activity rate in the short run rises as unemployment falls. Census data give no support to the "additional worker" hypothesis, and show that female activity rises as the labour market tightens (as measured by reductions in unemployment and in emigration rates) and is higher, the greater the female-intensity of industry; the latter point indicates that the search for a job is easier for women where there is a high ratio of female-intensive industries. Of some relevance are the predictions of Tussing (20) that in the period 1974-86, educational participation will rise at ages 15-17 (at rates not much different from recent years) and at ages 18 and over (at faster rates than in recent years). It is also likely that, at some time in the future, the State pension age will be reduced from 66 to 65.
- 52. Future trends in women's activity rates will also depend on many different elements for instance, the extent to which married women continue at work, the degree to which they return to the labour force after absence due to child rearing, the flexibility of employers with regard to part-time working, and the continued availability of service employment and part-time employment opportunities. Now that women are less likely to drop out of the labour force following on marriage, the presence of young children becomes an important determinant of the activity rates of married women aged 20-34; hence, family size, which is expected to fall, and the timing of births will continue to influence activity rates. Consequent on the introduction of income splitting for married couples in 1980, and the resulting fall in marginal tax rates on income tax paid by married women, there could be expected to be an increase in women's activity rates.

Assumption A

That age-specific activity rates continue to change in line with change over 1975-1979 in most age groups, though at a lower average annual change; further details are in Appendix A.

Assumption B

That activity rates remain at their 1979 values.

The assumed activity rates are given in Table 19. The assumptions are made separately for single, married, and widowed females. In this regard, even in the case of assumption B, where activity rates are held constant with marital status, women's aggregate activity rates are assumed to fall. The reason for this is that there is an assumed increase in the

Table 19
Assumptions on activity rates by sex and age, 1979-1991

		Assumption /	Δ,		Assumption E	3
Age group	1981	1986	1991	1981	1986	1991
			Males	_		
15-19	49.4	47.7	46.1	50.1	50,1	50.1
20-24	91.1	90.8	90.5	91.2	91.2	91.2
25.34	96.9	96.9	96.9	96.9	96.9	96.9
35-44	95.6	95.4	95.1	95.7	95.7	95.7
45.54	90.9	90.2	89.4	91.2	91.2	91,2
55-64	76.8	74.1	71.3	77.9	77.9	77.9
65 and over	25.6	24.4	23.3	26.0	26.0	26.0
			Females	•		
15.19	40.6	37.0	33.6	41.9	41.8	41.8
20-24	67.5	67.2	67.2	67.2	66.2	65.2
25-34	33.4	33.2	33.2	32.8	31.0	29.3
35-44	22.9	22.0	21,3	22.6	20.8	19.0
45-54	23.7	22.3	20.8	23.7	22.6	21.6
55-64	20.0	19.0	18.0	20.1	19.4	18.8
65 and over	4.2	3.4	2.8	4.6	4.6	4.5

Note: The activity rates for those aged 15-24 include, in the labour force, those looking for first regular job.

proportion of married women, where activity rates are much lower than in the case of single women, even though, in a number of age groups, married women's activity rates are rising.

- 54. The difference between the outcome under assumptions A and B respectively will be principally reflected in differences in the labour force aged 15-24 and 55 and over. The intention here is to examine the implications of likely changes in activity rates in the medium-run. It must be noted, though, that there can be cyclical changes in activity rates in response to changes in aggregate demand for labour. These demand factors are especially likely to affect activity rates of females, and of males in the older age groups. The labour force includes first job seekers, and activity rates as defined for Labour Force Survey purposes are used. This is defensible since, for many purposes (such as estimates of job requirements), the change in the labour force, rather than the magnitude of the base, is the critical issue.
- 55. If two sets of assumptions on external migration, two on internal migration, and two on activity rates were accepted, there would be eight alternative projections of the labour force for each area. In order to concentrate on exploring the implication of different levels of internal migration, together with different assumptions on activity rates, detailed results are given for assumption I on external migration only, while the sensitivity of the outcome to different assumptions on external migration is assessed.
- 56. Table 20 summarises the labour force projections. The projections under assumption A are that the labour force would increase from 1,235 thousand in 1979 to 1,332 thousand in 1986 and 1,407 thousand

Table 20
Labour force projections, all persons, by broad age group, 1979-1991
Assumption I on migration
Assumption A on activity

Age group	Labou 00		Average annual changs in labour force (000)	Average annual % change (compounded annually) in labour force,
	1979	1991	1979-1991	1979-1991
15-24	359.6	376.2	1.4	0.4
25-44	506.0	667.8	13.5	2.3
45-64	317.7	316.8	-0.1	0.0
65+	51.5	45.8	-0.5	-1.0
Total	1234.9	1406.6	14.3	1.1

Note: Data include first job seekers.

- in 1991. If assumption B held (i.e., with activity rates at their 1979 values), the labour force would increase to 1,349 thousand in 1986 and 1,434 thousand in 1991, i.e., it would be slightly higher. Hence, the outcome is not very sensitive to the activity rates which are chosen. Nor is it very sensitive to the migration assumption. For assumption II on migration (with assumption A on activity), the labour force in 1991 would be 1,386 rather than 1,407 thousand, i.e., it would be lower by 21,000. Under assumption A the average annual rate of increase in the labour force would be 1.09 per cent per annum over 1979-91. This is far higher than the rate of increase of 0.6 per cent a year which is projected for the EEC over 1975-90 on the assumption that female activity rates continue to rise while male rates fall (13).
- 57. For assumption A on activity, the male labour force is projected to rise by 16.6 per cent over the period 1979-91, while the female labour force is projected to rise by 7.0 per cent over the same period. One of the most striking features of the projections is that virtually all of the labour force increase (162,000 persons) is projected to occur in the age group 25-44. This is a reflection of the projected population increase in these ages, and means that there are likely to be adverse job prospects for those in these age groups.
- 58. These projections underline the high growth rate of the potential labour force in Ireland in the foreseeable future. If women's activity rates moved up towards the European average, the growth could be even greater. By contrast, two things could occur which would mean a slower growth of the labour force. First, if employment opportunities increase slowly, certain people - especially those in relatively young and in relatively old age groups, and married women - may drop out of the labour force, at least temporarily. As stated above, in the past, if unemployment rose or incomes fell, relative to those elsewhere, emigration tended to increase, but this is a less likely option for the foreseeable future. Second, there are relatively high activity rates in Ireland, compared to the EEC as a whole, for those aged 15-24 and for males aged 55 and over (22). Admittedly, some of this reflects a low participation rate in third level education in Ireland. However, if these Irish activity rates fell towards the EEC rates, the growth in the labour force would be lower.
- 59. Table 21 shows the projections by region for 1991, and the detailed results for counties and regions are in Appendix C, Tables C.3 to C.6. (Details on the method are in Appendix A). The projected increase in the labour force varies from 18 per cent in the East over 1979-91 to 3 per cent in the North West.

Table 21

Projections of labour force by region, all persons, 1979-1991

Assumption I on external migration, Assumption I on internal migration,
Assumption A on activity

Area	1979 Estimated 0	1991	Aver annu char (compo annua 1979-86	al [™] % nge unded
Donegal North West West Mid-West South West South East East North East Midlands	42.4 29.8 98.1 106.7 184.5 129.8 482.8 72.0 88.8	48.9 30.7 107.1 120.5 207.1 147.6 568.9 78.6 97.3	1.1 0.3 0.7 1.1 1.0 1.2 1.3 0.7	1.3 0.2 0.7 1.0 1.0 1.4 0.7
State	1234.9	1406.6	1,1	1.1

Vote:

Data include first job seekers.

Sources: Tables C. 2, C. 4.

CHAPTER 6

SUMMARY

Population trends, 1971-1981

In 1971-79 the population increased by 1.55 per cent per annum. on average, by comparison with 0.36 per cent per annum for the EEC as a whole over 1971-79. In the 1971-79 period, net in-migration was 108,900. There was a high rate of natural increase (births minus deaths) in 1971-79 of 1.1 per cent per annum. In 1979-81, the population increased by 1.1 per cent per annum, on average, and there was net emigration of 8,600. In contrast with the 1960s, population growth has been spread widely over the country. It has been particularly rapid in Dublin County. The population of many urban areas has been declining.

Population projections, 1979-1991: assumptions

Projections are made for two consecutive five-year periods: 1981-86 and 1986-91. Assumptions are made about future trends in mortality, migration, nuptiality and fertility. The key assumptions are as follows.

Mortality

It is assumed that infant mortality continues to decline, and that mortality continues to decline at ages 65 and over. In the age groups 5-64, survivorship rates of 1979 are used.

Net migration

For the country as a whole, two alternative assumptions are made. Assumption I is that over the decade 1981-91, net migration is zero over all age groups, while being positive in age groups 0-14, 30-39 and 60 and over. Assumption II is that net emigration is 5,000 per annum. Two alternative assumptions are made about internal migration. Assumption I is that the annual flows of net internal migration by county and age group are the same as in 1971-79; Assumption II is of zero net migration in each county and age group.

Nuptiality

The proportion of females married in each age group is assumed to continue along the rising trend of 1971-79.

Fertility

Two alternative assumptions are made on fertility. Assumption 1 is that age-specific legitimate fertility rates decline in line with the rate of decline over 1971-79, with lower rates of decline assumed at ages 35-49. Assumption 2 is that the rates decline in all age groups at half the average annual rate of 1971-79. In both cases, the illegitimate fertility rate is assumed to increase at half the average annual rate of 1971-79.

The projections are dependent on these underlying assumptions, and it is possible for people to differ about the choice of assumptions, leading to different alternative projections. These projections are, however, consistent insofar as the internal migration assumptions for the various counties balance out at zero.

Population projections

Under migration assumption I, the population is projected to increase from 3.368 million in 1979 to 3.641 million in 1986 and 3.828 million in 1991, an average annual increase of 1.07 per cent per annum. By contrast, for the EEC as a whole over 1975-90, the population is projected to increase by 0.3 per cent per annum, on average. Under assumption II on migration the population is projected to increase at 0.95 per cent per annum. The outcome of the projections is sensitive to the assumptions on fertility. Under assumption 2 on fertility, the population aged 0-9 in 1991 would be higher by 65,000. Under assumption 1, the average annual number of births would be roughly constant, while under assumption 2 it would increase by some 10 to 11 per cent, comparing the average annual number over 1981-91 with the current annual number.

At the regional level, the projected average annual increase in population varies from 1.5 per cent in the East to 0.3 per cent in the North West. A substantial rise in population is projected for Dublin County.

Some implications of the population projections

Some of the implications for social policy arise from the age patterns. Both young dependency and old dependency are projected to decline. However, the population aged 75 and over is projected to increase at

At the regional level, the share of the East in the population is projected to continue to rise. The projections for the Dublin sub-region are within the 1991 range set by the last Government review of regional policy in May 1972. However, the distribution of population within the sub-region and within the East region as a whole have become the critical planning issues.

Labour force trends, 1971-1979

Between 1971 and 1979 the labour force increased at an average annual rate of 1.56 per cent per annum, by contrast with a rate of increase of 0.55 per cent per annum in the EEC as a whole in 1971-79. Growth in population numbers in the working age groups were partly offset by declining activity rates (participation rates in the labour force), particularly for males aged 15-19 and 55 and over, and for females aged 15-19 and 65 and over. Activity rates for women aged 20-54 increased between 1971 and 1979.

Labour force projections, 1979-1991: assumptions

The key assumptions, in addition to those referred to earlier on population, concern activity rates. Two alternative assumptions are made. Assumption A is that age-specific rates continue to change in line with change over 1975-79 in most age groups, though at a lower average annual change. Assumption B is that activity rates remain at their 1979 values. This would imply that women's activity rates would fall, as it is assumed that the proportion of women married (where activity rates are much lower than average) would rise.

Labour force projections

For assumption I on migration and assumption A on activity, the labour force is projected to increase from 1.235 million in 1979 to 1.332 million in 1986 and 1.407 million in 1991. Over the period 1979-91 the projected average annual rate of increase is 1.09 per cent per annum. This is far higher than the projected increase of 0.6 per cent per annum.

for the EEC as a whole over 1975-90. The projections are not particularly sensitive to the range of assumptions on net migration and on activity rates.

Some implications of the labour force projections

The projections underline the high growth rate of the potential labour force in Ireland over the foreseeable future. Virtually all of the labour force increase is projected to occur in the age group 25-44. This is a reflection of the projected population increase in these ages, and means that there are likely to be adverse job prospects for those in these age groups.

If women's activity rates moved up towards the European average, the labour force growth could be even greater. By contrast, two things could occur which would mean a slower growth of the labour force. First, if employment opportunities increase slowly, certain people may drop out of the labour force. Second, if Irish activity rates for those aged 15-24 and for males aged 55 and over fell towards EEC rates, the growth in the labour force would be lower.

APPENDIX A

NOTES ON METHOD

Net migration by county and region (Table B.4)

The data on net migration by county and region over 1966-1971 are obtained as follows. The number of males, and of females, in each age group who would survive from 1966 to 1971 (using the mid-points of factors derived from the 1965-1967 Life Table and the 1970-72 Life Table, respectively) are calculated, as are the number of male, and of female births in the period mid-April 1966 to mid-April 1971 who would survive to 1971. This gives the hypothetical population which would have occurred in each county in 1971 if net migration were zero for each age group. The difference between the actual and the hypothetical population of 1971 is the estimate of net migration by age group. There are slight discrepancies between the net migration estimates, by county, for all persons in Table B.4 and those given in the Census of Population volume. The discrepancies arise due to the use of survivorship rates for the data in Table B.4, including the use of a single rate for males, and for females, respectively, aged 65 and over. In this method, those who migrate inwards and who die before the Census are not recorded, nor are those who emigrate and return between Censuses, or those who make multiple moves between areas between Censuses.

Net migration by county and region, 1971-79 (Table B.5)

Eight-year survivorship rates — the mid-points of factors from the 1970-72 Life Table and for 1978-80, respectively, are applied to the 1971 population data to obtain an expected population, without migration, in 1979. (Eight-year survivorship data are in the Technical Annex.) Within each age group and sex, net external migration of the State is allocated to the counties as follows. For the first age group, the allocator is the proportion of births of the State in the county in question between April 1976 and April 1979. For the second age group, the allocator is the proportion of births of the State in the county in question between April 1971 and April 1976. For the age group 8-12, the allocator is the population aged 0-4 in 1971, and similarly for higher age groups in 1979. Then net internal migration is obtained for each area by subtracting net external migration from net migration, for each age group.

Estimates of net internal migration by county and region, 1971-76 (Table B.6)

We begin with data in Table B.5 for the "non-standard" age groups. By taking fiveeighths of these numbers, estimates of net migration in 1971-76 in Table B.5, for "standard" age groups, are obtained, except in the case of the first non-standard age group 0-2 where the factor used is unity.

A check on the estimates of net internal migration by area (Table B.7)

The estimates on net internal migration by area for all age groups combined, can be checked. Table B.7 shows the results of the use of an alternative method of estimating net internal migration. This method employs the only firm information which is

available on internal migration by county, which relates to the year 1970-71 only. (This is apart from the information on "lifetime migration", which is available from birth place data and which relates to migration over an unspecified period. But Hughes and Walsh show that, at regional level, "the broad pattern of internal migration revealed in the responses to the question on usual residence one year previously in the 1971 Census has prevailed for many years in the past": 13, Section 2.) There is a reasonable correspondence between the estimated flows of net internal migration under the two methods. The results suggest, in turn, that the method used to allocate net external migration to the counties is not an unreasonable one.

Index of legitimate fertility (Table 8)

This index takes account of the different age-specific fertility rates, and the different numbers of women in the child-bearing age groups, over time. The index is obtained by combining the age-specific fertility rates of a base year (in this case 1966) with the numbers of married women in the respective age groups in other years. This gives an expected number of births, if age-specific fertility rates remained unchanged. The ratio of actual to expected births, expressed as a percentage, is the index.

Population projections (Chapter 3)

The first step is to obtain estimates of population by age group, by county, 1981. Two-year survivorship rates for 1978-80 are applied to the 1979 population data. (The survivorship rates are in the Technical Annex.) Data on actual births by county in the period April 1979-March 1981 are used. The initial external migration assumption for 1979-81 (given in the Technical Annex together with its allocation) is zero net migration over all age groups, with the age distribution related to that for 1971-79. This yields a "first round" estimate of population by sex and age, in each county in 1981. From CP 1981: Preliminary Report, the aggregate population by sex in each county is known. For each county and sex, the population in each age group is adjusted by the quotient of the Census 1981 number and the first round estimate of total population. The numbers in Assumption II on net external migration are obtained for each sex by reducing the numbers under Assumption I by the quotient of 12.5 thousand and 14 (the number of age groups), with a subsequent slight adjustment to the 0-4 age group to achieve a rounded net emigration of 12.5 thousand. In making assumptions on internal migration, for 1981-86 and 1986-91, it is necessary to deal with the flows of migration, rather than the rate of internal migration per 1,000 population, since any uncomplicated assumption on the latter yields a State total for internal migration which does not equal zero. The allocator for net external migration 1981-86 is as follows: for the first age group, births over April 1981-April 1986; for the remaining age groups except 65+, the population in the previous age group in 1981; for the age group 65+, the population aged 60+ in 1981. This method is replicated for 1986-91.

Assumptions on nuptiality (Table 11)

In most age groups, the proportions ever-married are extrapolated linearly (in percentage point terms) based on the 1971-79 trend. The proportion married/ever-

married of 1979 is then applied. The proportion widowed in each age group in 1979 is used. However, the data in Table 5 on nuptiality in other EEC countries are used as a check, and in the case of each of the age groups between 30 and 44, where the extrapolated rates for 1986 and 1991 would have exceeded the "EEC" rates of Table 5, the assumed Irish rates are held at around the "EEC" rates of Table 5.

Births

An assumption is made on the ratio of male to total births where the ratio of 0.514 (over 1976-June 1981 inclusive) is used. Births in the initial and in the final year of a five year period are averaged and multiplied by five to get births over the five year period. There is an adjustment to nuptiality in each county through multiplying each age-specific State rate by the ratio of the county rate to the State rate. This adjustment means that aggregation of births across counties, which yields the State numbers, is slightly different from the numbers which would be obtained if calculations were done at the State level alone. The *period total fertility rate* for any year is the sum of the age-specific fertility rates of the different generations of women who were in the child bearing age group in that year. It is the average number of live born children per woman who would be born to a group of women if, throughout the ages 15-49, they experienced the age-specific fertility rates of that year. The total fertility rate was 3241 in 1978: hence, a cohort of 1000 women would bear 3241 children in their lifetime on average, assuming that they bear children at each age at the rates of 1978.

Projected population aged 75 and over (Paragraph 36)

Five year survivorship rates are used to derive projections for those aged 65-69 and 70-74. The projections of those aged 65+ are used as a control total, with the projections for those aged 75+ being derived as a residual. Half of the net migration assumption for those aged 65+ is allocated to those aged 65-69 and half is allocated to those aged 70-74.

Estimates of labour force by county 1979 (Chapters 4 and 5)

The activity rates of Table 17 for 1979 are used, together with population data for 1979 and details of the labour force in each county in 1971. It is not possible to employ simply the method of adjusting each county's age-specific activity rates in accordance with the proportionate change in age-specific activity rates for the State, since this would not result in an aggregate labour force equal to that of the State. The estimates of the labour force in each county in 1979 are obtained as follows. The 1971 activity rates, for each county, are adjusted upwards or downwards in accordance with the estimated trends in activity rates for the State. Within each group, the 1971 activity rates in the counties are multiplied by the same factor. The factor chosen is one which yields an aggregate labour force equal to the product of the activity rate and the State population in that age group.

In estimating activity rates for 1971 in the 15-19 age group, the labour force aged 15-19 must be obtained indirectly, since the Census data are published for the age group 14-19. The adjustments are made by multiplying the labour force aged

14-19 in each county by the proportion of the labour force aged 14-19 in the State which was aged 15-19 in 1971. This is done for each sex.

There are two checks on the plausibility of these estimates of the 1979 labour force by area. First, they aggregate to 1,235 thousand (including first job seekers) for the State. This is very close to the CSO estimate of 1,219 thousand for the corresponding labour force as some 14,000 first job seekers need to be added to that CSO estimate for comparability, making 1,233 thousand. Second, the derived estimates of labour force in each region in 1979 can be compared with the estimates from the Labour Force Survey 1979 (which are subject to sampling error). A comparison of the two sets of estimates is as follows.

Labour force 1979, all persons (including those looking for first regular job)

Region	Thousands Labour Force Survey	This study
Donegal and North West	74.8	72.2
West	102.7	98.1
Mid-West	108.4	106.7
South West	187.4	184.5
South East	128,8	129.8
East	475,1	482.8
Of which Dublin sub-region	381.5	384.9
North East	69.1	72.0
Midlands	87.1	88.8
State	1235,1	1234.9

Source: LFS 1979.

The two sets of estimates are very close to one another.

Percentage change in labour force 1971-79 (Table 16)

New estimates of the labour force, based on LFS concepts, were issued in December 1980 by the CSO; the former data were Census-based. The revised data show lower unemployment and lower numbers at work in agriculture. In order to compare the 1971 labour force with that of 1979, the 1971 labour force must be adjusted downwards. The adjustments of Sexton (21) are used, with the exception of the exclusion of 14 year olds, which have already been excluded. As a result, the 1971 labour force in each county is reduced by 3.9 per cent in the case of males and by 0.9 per cent in the case of females.

Adjusted activity rates for 1975 (Tables 17, 18)

An adjustment is made to the 1975 labour force estimates. This is in part because the 1975 LFS unemployment estimates are not directly comparable with those of 1977 and 1979. Some of the estimated unemployment of 1975 was reclassified as "unable to work due to permanent sickness or disability" in 1977 and 1979, the latter being a new heading. It is estimated (LFS 1979) that the number of persons in the "unemployed" category in 1975 would have been approximately 15,000 less if the new classification had been used. Hence, the adjustment reduces the 1975 labour force by 15,000. This is distributed among males and females for broad age

groups according to the distribution of those "unable to work due to permanent sickness or disability" (LFS 1979, Table 5 for 1977 data); in turn, the data for females are distributed by marital status (using LFS 1979, Table 7 for 1977 data); and in turn the data are distributed to the age groups used in this study by using the distribution of those gainfully occupied by age, and by marital status for females (using LFS 1979, Table 8 for 1977 data).

Components of change in the labour force (Paragraph 50)

These components are estimated by calculating the change in age-specific population multiplied by the activity rates of 1966, and by calculating the change in age-specific activity rates multiplied by the population of 1979.

Activity rates 1979-91 (Table 19)

In cases where activity rates are assumed to change, the linear extrapolation equals half of the average annual change (in percentage point terms) in 1975-79. The following are the exceptions: males aged 25-34, where the rate is held at its 1979 value, and males aged 65+ where the extrapolation is of the average annual change (in percentage point terms). In the case of married females aged 15-19, widowed females aged 15-34 and married females aged 65+ for 1986 and 1991, the rates are assumed; in Assumption B the rate for married females aged 15-19 is assumed at 25 in 1979.

Projections of labour force by county 1979-1991 (Chapter 5)

These projections are obtained in a manner analogous to that which is used to estimate the 1979 labour force by county. The estimated 1979 activity rates for each county by age and sex (which are derived from the labour force estimates for 1979 together with the population data for the same year) are adjusted in accordance with the projected State trends in activity rates for 1979-86. The resulting 1986 activity rates, by county, are adjusted in accordance with projected State trends for 1986-91.

Possible elaborations

Undeniably, further refinements could be made to the projections (even though this would not ensure that the predictions would, ex post, be any better). Further work could be done on the possibility of developing "differential" factors, whereby an allowance is made for areas whose past pattern of age-specific mortality (or fertility) differed from the State trend. The problem with incorporating such differential factors in projections such as these is the desirability of ensuring that the projections still "add up" to the State total. This problem would exist unless one was prepared to resort to a more complicated routine of successive approximations to the projected State population.

It would be desirable in future work to aim for a behavioural assumption about net migration. Hughes and Walsh (9) show that long-run internal migration changes in response to rates of employment growth between regions, rather than in response to differences in unemployment rates between regions. Thus, a complete specification could require a set of regional employment projections, followed by changes in the migration assumptions. Apart from the innate complexity of this (since some method of successive approximation would be needed), such an approach

would require up to date information on service employment by region, which is is not available.

The projections employ no formal relation between labour demand and activity rates. However, activity rates, especially for females, change in response to labour market conditions (19). Three types of adjustment are possible to discrepancies between the supply of, and the demand for, labour in a region: changes in net emigration, in activity rates and in unemployment rates. As in the case of the effects of changes in labour demand on migration, the effects of changes in labour demand on activity rates would have to be handled by an iterative method. There are other possible interdependencies which are not taken account of in this work. For instance, a decline in fertility could be associated with a rise in the marriage rate. And changes in fertility and in the activity rates of married women are likely to be associated.

Table B.1 Population by county and region, by age group, all persons, `

		OUNEGAL	LEITRIM	SLIGO	GALWAY	MAYO	CI.ARF	LIMPRICKED	I WEDICKO	TANGE GEOGRAP		CORREDE	CORRCO	KERKY	CARLOW	KILKENNY	TIPPERARYS	WATERFORD8	WATERFORDC	WEXFORD	OUBLINADR	DUNLAGIRE	OUBLINCO	KILOARE	HC.TXCT.8	200	MANAC	H 1201	NA LA MANA	STOR I	0404040		INVIOLOGICA	SPATE STREET			DONEGAL	NORTHWEST	WEST.	TOWN	SOUTHERS	SOUTHEAST	TO A P	TO ARTHUR	SOME TOTAL	CONTRACTO	24.44.0
AGE03539	,	6115	1254	2662	8438	5271	4482	3094	5343	2002	1150	001.	13/80	6440	6961	3601	3605	1735	2962	5094	26464	2787	26439	5765	4942	5073	2438	4732	2475	2487	1440	27.21	2455	2940			6115	3916	13709	15722	26879	18969	71470	96.45	10053	1	178478
AGE03034		445/	1465	3297	10305	6195	5781	3650	6558	3533	9144	1770	7383	1997	0.447	7004	4515	886	00/5	6149	30381	3076	34366	7854	6293	6633	3070	5901	3041	2919	1874	3414	2850	3692			7344	4762	16500	19522	33325	23299	98603	12012	14749		220116
AGEP2529	1777	10/1	0601	1361	11105	6755	5818	4191	7062	3723	9448	18072	7618	2677	0774	9 2 2 4	0000	07/7	00.0	9550	16685	3255	35935	7889	6417	6638	329b	6167	3549	3247	2020	3662	3007	4097			1767	5156	17860	20794	35138	24601	99065	13012	16033		239426
AGED2024	7860	1763	0.00	00/0	13140	929/	2467	5409	e.750	4189	13215	17605	R 36.3	2957	5014	5362	3000	36.60	990	0000	99566	1795	71687	7633	€104	9099	3827	6877	3676	3688	1984	4115	3416	4506		;	7860	5513	20832	21815	39183	26662	112317	14380	17709		265271
AGE:01519	10383	2212	9040	000+	1000	1666	2411	9089	9136	5413	15228	21696	10210	3724	6308	7207	3615	4763	0.40	3000	0.00	7090	16776	9151	082/	8194	4710	8055	4488	4631	2802	5652	4668	5863			10383	7180	72994	27266	47134	34249	124293	17253	23616	317340	500/10
AGED1014	12190	2473	5161	16461		14/01	8118	16491	9425	5843	14576	24690	11287	3918	2469	7853	3606	5554	10048	52209	5043	40931	31001	51001	#878	9483	5149	//88	4859	5228	3065	£235	5130	6397		12100	06171	# COCEC	70717	58867	50553	37926	125965	18885	26055	336293	1 1 1 1 1 1
AGED59	12798	2453	5059	16.997	C 0 0 0 1		0000	8040	11,273	£061	13863	27288	11772	4286	7247	7802	3305	5817	10516	46966	4370	49555	11712	0110	6 T F G	#CCO1	0 0	0006	7000	2985	3061	6 7 4 3	5138	£ 280		12798	25.42	07000	31766	00010	67670	28973	132576	14619	26104	350140	
AGEP04	12927	2389	5165	16635	10767	1010	10.00	0000	0.00	1100	9/7/1	18117	11694	7867	7269	7751	2917	€202	10358	39923	3929	51707	12017	96.25	10709	60701	6440	0000	0070	7170	313/	6179	4814	0810		12927	7554	27402	21560	51757	10000	10000	1001	19914	79667	343475	
COUNTIES	DONEGAL	LEITRIM	2010	GALWAY	MAYO	CI.ARF	LIMERICKSO	LIMERICKAN	TIPPEDAPAN		20220	מימים יי	T K K	CARLUM	T I L NE L N I	TIPPERARYS	MATERFORD8	MATERFORDC	WEXFORD	OUBLINBOR	DUNLAUIRE	CUBLINCO	KILUARE	WICKLOW	HEATH	NAVAC	HI DO'I	NONDRUM	ADIC	04030801	201010	TO MACOUNTS	ME STAFF ATC		REGIONS	ODNEGAL	NORTHWEST	WEST	MIDWEST	SOUTHWEST	SOUTHEAST	T & A P	TOWNTHOOM	SONG ICLIA	CONTROCTE	STATE	

140 1207								
CONFIGAL	5.308	5062	5291	5869	9065	17121	121941	DONEGAL
LEITHIM	1286	1325	1431	1667	1707	4830	27844	LEITRIM
81160	2408	2443	2733	2816	2768	7819	54610	SLIGO
CALWAY	75¢R	7392	7406	7674	7564	21144	167838	GALWAY
MAYO	4824	5072	5317	6003	t-323	18041	114019	MAY
CLARE	3924	3853	3874	4105	3868	10734	84919	CLARE
LIMEFICKBO	2928	280€	2753	2620	2112	5553	60665	LIMFPICKBO
LIMERICKOD	4444	4238	4340	4670	4220	10635	96742	LIMERICKOD
TIFFEFARYN	2758	2785	2878	2994	2561	6924	58476	TIPPERARYN
COFF BOR	7117	010ta	1125	6181	4890	13353	138267	COPKBOR
CHERGO	12093	11046	11444	12273	11385	30294	257851	CORKCO
FERRY	5450	5473	5773	6.134	0.490	16760	120356	KERR
CAFLD#	1775	1750	1724	1743	1449	3847	38668	CARLOW
FILEENNY	3124	3081	3256	3408	3026	7595	69156	FILKENNY
TIFFERARIS	3392	3487	3623	3863	3299	8551	75265	TIPPERARYS
*ATENFORD8	1729	1590	1467	1437	1146	3211	32617	WATERFORDS
MATEFFOEDC	2526	2468	2392	2560	2285	5981	54661	WATFRFORDC
MEXFORD	4473	4213	4326	4411	3479	11121	96421	WEXFORD
DUFLIFFUR	2c55c	27522	27730	26812	22424	57567	544586	DIFLINBOR
DUALAUIRE	2840	285t	2854	2684	25.10	7417	54244	DIINLADIRE
1 UPP INCO	20102	15336	12652	10862	8548	18502	384853	DUBLINCO
FILIARE	436.9	3701	3572	3612	3059	6836	97185	KILDARE
#1CFFD#	3668	3572	3512	3444	3012	8051	83950	MICKION
MEATH	42¢0	3782	3714	3730	3356	7983	90715	MEATH
CAVAN	2475	2553	2814	2995	2859	7258	53720	CAVAN
1.0014	3953	3675	3784	4004	3315	7828	86135	LOUTH
HOPACHAN	2188	2356	2440	2511	2288	6215	50376	MUNAGHAN
LADIS	2249	2339	2356	2510	2178	5510	49936	1.A01S
1.ONGFORD	1360	1387	1525	1640	1517	3947	30785	LUNGFORD
OF FALY	2649	2585	2725	2834	2384	5894	57342	OFFALY
KUSCOMMON	2511	2698	2959	3083	2982	8478	54189	ROSCOMMON
WESTMEATH	2758	2689	2896	2916	2366	6305	58885	WESTMEATH
RECTONS								
DOMEGAL	5308	5062	5291	5869	9069	17121	121941	PONEGAL
NOFTHWEST	3688	3768	4164	4483	4475	12649	82454	NOPTHWEST
WEST	12392	12464	12723	13677	13887	39235	281857	WEST
WIDWEST	14054	13682	13845	14389	12761	33846	300802	*IOWEST
SOUTHWEST	24655	23825	23342	24588	22765	60407	516474	SOUTHWEST
SOUTHEAST	17019	16589	16788	17422	15084	40326	366788	SHUTHEAST
EASI	62122	56769	54034	51144	42909	106356	1755533	EAST
NIFTHEAST	8616	8584	9038	9510	8462	21301	190231	NORTHEAST
MIDLANDS	11553	11698	12461	12983	11427	30134	252137	WIDLANDS
STATE	159407	152441	151686	154065	137676	361375	3368217	STATE

Table B.2

Five-year survivorship rates by sex, 1965-67, 1970-72, 1978-80.

Age group		Male		7		
	1965-67	1970-72	1978-80	1965-67	Female 1970-72	1978-8
0 - 4 5 - 9 10 - 14 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 55 - 59 60 - 64 65 - 69 70 - 74	.996375 .998020 .997298 .9954315 .994515 .994225 .992061 .987288 .980720 .965304 .942634 .903855 .849803 .775984 .681923 .444634	.996299 .997827 .996855 .994656 .994072 .994051 .993113 .987411 .978035 .963422 .941750 .903650 .847150 .775708 .677015	.9971 7 4 .998297 .997492 .995442 .994554 .994782 .993666 .989714 .967697 .944871 .910666 .864232 .792272 .683254 .455387	.996821 .998576 .998515 .997984 .997166 .995862 .994400 .990759 .984660 .974195 .962659 .940138 .909024 .845226 .745240	.997025 .998679 .998178 .997468 .996999 .996418 .995044 .991512 .985373 .975265 .963284 .940372 .908422 .856550 .759840	.99784 .99887. .99875. .998798. .99798. .997580. .996409. .988252. .979309. .968249. .949077. .922294. .871990.
35 and over	.613149	.633631	.641092	.674846	.683842	.522738 .696047

Note: The following survivorship rates apply to all births in a five year interval to give the total aged 0-4 at the end of that interval:

<i>Interval</i> 1965-67 to	Males	Females
1970-72 1970-72 to	.971536	.977770
1975-77	.978152	.982246

Sources: "Irish Life Tables, 1970-1972", Irish Statistical Bulletin, March 1976; "Irish Life Tables, 1965-1967", Irish Statistical Bulletin, March 1972.

Table B.3 Births by sex, by county, 1966-1981

	_																																	
April 1979 – March 1981	Females	2549	473	1012	3511	2147	1759	1206	2232	1306	2491	5570	2314	977	1400	1524	697	1129	2255	9488	825	10091	7561	1966	2130	1065	1984	066	1008	613	1746	968	1389	70804
April March	Maies	2674	514	1075	3720	2260	1778	1249	2297	1368	5609	5963	2532	1034	1416	1577	784	1230	2411	9949	698	10974	2858	2123	2288	1147	2111	1155	1056	705	1288	910	1496	75420
April 1971 — March 1979	Females	8950	1732	3890	13063	2886	6495	5141	8326	4731	10751	20541	8839	3499	5111	5910	2985	3964	8186	42697	3831	32644	8942	7213	7442	4116	7542	3582	3756	2334	4707	3258	4991	267065
April 1971 - March 1979	Males	9548	1906	4000	13529	8271	6832	5205	8693	5191	11572	21669	9340	3712	5431	6134	3086	4226	8681	45164	4063	34694	9696	7582	7872	4161	1867	3930	3902	2560	4969	3416	5058	282170
April 1966 – March 1971	Females	4930	1033	2097	7120	4744	3525	3585	3865	2694	7356	10781	4932	1993	2955	3573	1904	2001	4666	30792	3099	12869	4142	3382	3759	2391	4376	2194	2166	1412	2862	1936	2881	152015
April March	Males	5063	1144	2299	7521	4763	3627	3893	4107	2994	7987	11254	5176	2078	3069	3732	2037	2218	5045	32924	3250	13847	4404	3619	3994	2408	4516	2210	2476	1432	2973	2204	3189	161453
	Area	Donegal	Leitrim	Sligo	Galway	Mavo	Clare	Limerick Borough	Limerick County	North Tipperary	Cork Sorough	Cork County	Kerry	Carlow	Kilkennv	South Tipperary	Waterford Sorough	Waterford County	Wexford	Dublin 8orough	Dun Laoghaire	Dublin County	Kildare	Wicklow	Meath	Cavan	Louth	Monaghan	Laoighis	Longford	Offalv	Roscommon	Westmeath	State

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The data relate to the population normally resident in each area. The data for 1978 onwards are subject to minor revisions, since they are based on quarter of registration rather than quarter of occurrence.

HVS 1977, ORB, CSO. Note:

Sources

Table B.4

Net migration by county and region, by age group, all persons, 1966-1971

		4 C. T. 25 W	AGED1014	AGED1519	AGE F 2024	AGE:P2529	ACE03034	AGF 113539	
DONEGAL	1094	94	-15	-1356	-3087	88.	174	÷	0
LEITRIM	141	-20	-52	-592	-1034	-163	-	21.	14.04.04.1
SLIGO	308	43	-54	-723	-1481	-t-3	or or	- 6	10115
GALWAY	447	263	227	-1387	-4030	-814	223	114	×43.140
MAYO	512	-51	-165	-1869	-4926	-742	-24		> > >
CLARE	452	195	168	-640	-1675	45	328	295	104.10
LIMERICK80	-622	-383	-187	-385	-£19	-46.1	-283	? -	CHAULAUNITE
LIMERICKCO	859	586	16	-1117	-1975	178	414	246	L ALL CLASS
TIFPERARYN	10	18	-26	-105	-1192	-239	6	126	TIPPEEEFY
COFKBOR	-342	-232	-12	230	-237	-415	-323	• 75	JUH M J
CORKCO	1478	705	210	-1667	-3870	1,2	. A. A.	2,95	1400
KERRY	630	225	25	-1231	0642-	-88	273	274	, a
CARLON	-100	-66	-50	-450	-h77	-112	49	-20	. TAK.
KILKENNY	530	98	÷	- 795	-1192	-122	146	P. 5.	KIIKFER
TIFFERANTS	25	-55	-38	-1066	-1726	-122	3	96	TIPPEFARYS
WATERFORDS	-51	53	เก	c	-80	- 1.7	32	-13	#ATFF FIIPID
MATERFURDE	643	303	75	-386	-726	164	228	162	A TFPPPDF11
M.E.XFORD	217	114	-66	-1135	-1366	æ 2	25.1	113	JAN TAN
OUBLINGOR	-7441	-4527	-2174	2925	201	-1317₽	-5932	-2484	GDM 11 IMIG
DUNLAGIRE	-1207	-84	157	183	-540	P117-	-205	7.1	Bashy Ish
DONT TRANS	8291	4097	1892	1623	1263	F778	5286	2531	CDAT INCO
A LUCAKE	481	264	95	60 4-	666-	239	153	258	KIIDARE
# 10 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	605	440	201	-311	-432	244	404	808	*10.11.01.
	027	228	82	-540	-1186	328	284	238	NFATH
	161	0	17.	406-	-1452	-235	64	53	ヤタンなし
1 4 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	9.5	197	112	752	-533	06-	211	7.2	#T-FILE
E 4 10 4 1	647	. I	-24	-439	-738	-49	63	1.2	₩ONACHA
2000	754	/ 0	7 !	-t.82	106-	•173	7.5	<u>•</u>	1.A01S
201000	61.	55	/ 4-	-533	868 -	-133	-17	47	LONGFORD
	21.	-234	-194	-806	-1316	-203	35	- 13	11 t. t. b L k
20 4 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	000	ę.	76.	-992	-1938	-227	69	er er	POSCOMMON
E 1 4 3 4 1 9 3 4	-137	15	6	-680	-1327	-192	67	65	MFSTWFAT
REGIONS									
DONEGAL	1094	94	51.	-1356	-3087	4.5	171	-	C Second
NORTHWEST	449	23	-106	-1315	-2515	-32€			D T T T E G C I
WEST	656	212	62	-3256	4503		501	206	S U
MIDWEST	669	119	31	-2847	-5.361	-480	45.0	554	. C. 4 (C. 1)
SOUTHWEST	1766	869	223	-2668	-1006	- 451	593	762	SOUTHERS
SOUTHEAST	1291	410	-80	-3832	-5827	161-	71)9	420	SOUTHEAST
EAST	1489	418	243	3471	-1297	- F 3 9 B	\$	922	V. 4
NURTHEAST	574	291	19	-1595	-2723	-374	113	137	MUPTHEAST
MICLANDS	996	-193	-331	-3693	- €.380	+65b	229	198	WIDLANDS
STATE	9287	2072	0	1000			:		

	DONEGAL	LEITRIM	51.160	X 4 3 1 4 0			T A X E	LIMERICKBO	LIMERICKCO	TIPPERARYN	CORKROR	CORKCO	KERRY	30.104	> 10 10 4 1 1 2	LENERAL	TIPPERAKIS	WATERFORDS	WATERFORDC	WEXFORD	PUPLINBOR	DUNLADIRE	DMBLINGO	KILDARE	3C:1XC:3	H L W . SW	2474		H1007	MONAGHAN	LAUIS	1,0NGFORD	OFFALY	RUSCOMMON	WESTMEATH			DONEGAL	NORTHWEST	WEST	MIDWEST	SOUTHWEST	SOUTHEAST	FAST	NORTHEAST	MIDLANDS		STATE	
ALLAGES	-2566	1917	1745	60.1	0011	- 1003	-478	-3624	-1039	-1826	-2623	-1136	-2413	7117	7/61	-1273	-2876	-259	758	-1639	-37439	0.00	26.693	2000	777	1077	***	7167-	170	-875	-1246	-1647	-2787	-2563	-2146			-2566	-3662	-11106	14967	-6171	-6761	300	-3117	08501-		-50411	
AGEDOVE 6-5	a	2 4	0 0	4/7	7 1	572	323	7 6	134	189	- 611		213	- I	7	-12	66	21	239	280	080	346	\$ P. 4.	16.	200	* (5)	266	242	208	115	7.1	98	184	289	242			2 3 3	445	4	08.5			2 40	1 . C	000	7/5	1 400	patient
AGE 06 06 4		671	7.5	7	99	œ.	-51	16-	-57	-12	110	007	671	7.	<u>-</u>	±2.	-18	'	41-		000		0	13.1	£ .	69	-78	01-	E	-44	-23	90.	0.4	-	1.7	ì		133	105		7 .	117.	701-	061		001	69I t	-1440	
ACEDS559	ć	97.	-35	33	64-	08-	64-	101-	-	701	7. 0	197-	-177	-32	-10	-15	· -		05		10.0	7	-15	407	-23	8	-15	-76	-29	4	-	77	201	; ; ;	35.	67		č	97.	7.	671-	-361	-460	-306	890-	-171	-210	-2251	
AITED5054		-126	-121	-92	-257	-202	-		71.1		r :	-8-	-126	08-	4-	c	0 4 -	64.	- -	4	5 ·	666-	-20	528	-51	96	34	-192	. d	0.0		= 5	6	- S	-103	Ş			-126	-213	-459	-208	-287	09-	-418	-174	-415	-2 366	
ACF 1:4549		-73	-8-	0.4-	129	. ~		66	/ o ! -	٠-	-14	54.	103	10	55.	4 0 1		7 ·	-	1	21	-1069	6.2	722	87	117	3.5	, ,	ìċ	1, 5	4	90	-43	-42	-6-	-32			-73	-121	96	-32	44	-50	+1 €8	73	-152	\$1.7 -	
AGEU4044		27	64-	-17	100	67.	D (9	-236	112	26	-106	600	4.2		r .	60	28	-57	82	47	-1473	41	1269	101	176	101	101	•	24	6	-15	-27	-127	-19	-36			7.2	-8-	16-	-50	S C C C	205	217	33	-224		-
K 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	227	CONFIGAT	ar artis	00000	25.170	CALTA	. AYO	CLARE	LINEFICABO	LIMERICACO	TILLERALYN	of a succi	00100	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20.00	*C1+¥C	FILFLENY	TIFFRAMYS	SCHOF1FFA	SATERFORDS	CHURTHA	STEEL STEEL	2011 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	CU 11 13 13	2000	306,401.	* 10.0 C C C C C C C C C C C C C C C C C C	MEAIN	CAVAN	HI:::01	MOTABLE	LACIS	THEGRORD	UFFALY	FOSCOWNDS	KI STIVEATH	F1 C1 (MS		CONFIGAL	NIT THEFT	E S T S	T.S. 44.3.1.3	# 10 a 3 a 1 a 1 a a a	1000 1000	FAST	TOWN THE	K.11-1,43325		2141£

Note: White data are given to the last digit, accuracy at this level is not implied.

Net migration by county and region, by age group, all persons, 1971-1979

Table B.5

COUNTIES	AGED02	AGED37	AGED812	AGE01317	AGED1822	AGED2327	AGED2832	AGED3337	
DONEGAL	704	1870	1626	870	-1643	-1651	199	1121	DONE CAT.
LEITRIM	61	239	187	-148	-769	-673	1.35	001	MI BELGU
SL160	75	392	534	316	-686	668-	493	5.42	21.100
GALWAY	-20	834	1797	1394	-736	-2671	876	1439	CALMAY
MAYO	220	1254	1034	159	-2840	-3394	687	1089	MAYD
CLARE	442	1047	887	450	-1282	-645	1266	825	C1.ARE
LIMERICKBO	06-	-691	-263	124	-134	-811	-578	-322	LIMERICKBO
LIMERICKCD	-424	641	1006	613	-1250	669-	1408	1256	LIMEPICKCD
TIPPERARYN	-209	126	345	67	086-	-R30	135	260	TIPPFRARYN
CORKBOR	68-	-1377	-423	161	2042	-594	-1626	-547	CORKBOR
CORKCO	223	2629	2684	1329	-2800	-1275	3578	2936	COPICO
KERRY	91	844	945	401	-2264	-2242	707	784	KERPY
CARLOW	80	-39	170	œ	-413	-258	358	271	CARLOW
KICKENNY	462	843	630	316	€ 863	-604	999	583	KILKFNNY
TIPPERARIS	285	351	440	286	-1617	-1042	347	489	TIPPFHARYS
WATERFORDS	- 385	-778	-272	278	-66	-471	-588	-405	WATERFORDS
WATERFORDC	541	1227	834	5.50	-208	+34	106	477	MATERFORDS
WEXFORD	10 O	212	540	174	-1438	-89.1	265	579	WEXFORD
DUBLINBOR	-4224	-14696	-5155	-2156	7320	-4266	-21294	-RR79	DURI, I NROR
DUNCAUIRE	-275	066-	-283	383	551	-667	-1038	-233	DUNGADIPE
DOBLINCO	3182	13304	9583	6378	5172	14915	20557	11174	DURI, INCO
KILDARE	45	1001	1591	1330	594	1068	2316	1783	KILDARE
MICKLOW	18	658	1177	689	-221	495	1462	1280	WICKLOW
MEATH	482	1635	1534	1003	-441	20	1787	1457	MEATH
NAVAN	1 -	170	184	-73	-1183	-1019	231	238	CAVAN
HIGO	.	-48	432	222	-135	-256	66	326	LOUTH
MONAGHAN	351	637	325	163	-603	-362	224	291	MONAGHAN
CAUIS	308	617	258	238	-767	-416	293	342	LAGIS
LONGFORD	16	179	241	285	864-	-4R7	323	322	LONGFORD
OFFALY	198	380	210	337	-1038	-801	217	282	OFFALY
ROSCOMMON	441	875	465	69	-1626	-1405	355	404	ROSCOMMON
WESTWEATH	-176	268	646	463	988-	-770	581	804	WESTMFATH
REGIONS									
DONEGAL	704	1870	1626	870	-1643	1651	799	1131	OOMEGAI
NORTHWEST	136	631	121	168	-1455	-1572	80.7		LYGMILLOCK
WEST	200	2088	2831	1553	1576	5.004.5	24.5	90.90	EV63
MIDWEST	-281	1123	1975	1254	1546	2885	2231	2010	TOBBUTH
TREMETERS	215	9600	3000		2000	1007	1677	411.7	* 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SOUTHEAST	757	7101	2000	1691	7700	1115	2659	31.23	TO SMELLINGS
FARE	-1.5	2.	72.77	7161	0700	A766.	7977	1677	SULL HEADS
	71/1	511	/ ** ** **	979/	12975	6265	3790	6582	EAST
40404	200	VC/	146	31.2	-1921	-1637	554	858	NOPTHEAST
MIULANUS	181	2319	1820	1392	-5015	-3879	1829	1848	MIDLANDS
STATE	2186	13815	23909	16.978	-12328	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	35071	0	is to the contract of the cont
!	,	,	10161	0.701	07671	00041	16130	90117	31¥10

764 481 423 119 4 1212 549 1212 5549 1214 257 128 277 158 397 167 171	272 30	214	219	000	874	0007	140000
	ç		,	,		070	DUNECAL
)	09	-62	50	8 0	-552	LEITRIM
	4	16	54	68	348	1955	SLIGO
	388	٦	-22	535	1304	6813	CALWAY
	203	6). 11	565	829	897	MAYD
	140	26	-13	178	263	4478	CLARE
	52	69-	98-	-28	53	-3020	LIMERICKBD
	230	140	41	81	-15	4283	LIMERICKCD
	32	-1 *	-	27	132	009-	TIPPERARYN
	35	-158	-197	08-	194	-2921	CORKBOR
	442	150	7	425	585	13323	CDRKCO
	133	191	-23	325	359	1232	KERRY
	20	39	-19	43	-47	222	PAPI.DE
	161	88	36	96	2	2854	KILKFNRY
	96	9 7	-74	: =		7 7	2×04030014
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	. 7 .	20.	ָרָ הַיּ	000	200	7105-	MAIERFURDS
	+ 0	9/1	57	671	78	7855	MATERFORDC
	60	90	4	139	504	17.75	WEXTORD
1927 -1868	-1212	-1164	-1374	986-	- 305	-68186	DUBLINBOR
	2	- 34	14	- SO	408	-1849	DUNLACIRE
	1802	1006	737	1056	2527	96266	DUBLINCO
	322	87	ŗ.	ŧ3	66	11817	KILDARE
	310	210	31	194	629	8426	WICKLOW
	245	171	-27	159	182	6696	MEATH
	31	-19	-80	2	-186	-1483	CAVAN
	143	94	28	112	184	1588	LOUTH
	33	-42	-100	99	~	1276	MONAGHAN
	43	-16	22	15	23	1188	LAOIS
	46	7	-	4	57	555	LONGFORD
	92	14	-77	32	132	357	OFFALY
331 77	104	54	-35	88	75	272	ROSCDMMON
	86	36	-39	10	-51	1259	WESTMEATH
	272	214	219	000	R 7.4	1020	DONFGAL
	601	1 36		0.00	356	1401	TODAREO.
	591		œ	1100	2133	1110	1043
	0.4	100	- 5.6	25.8	433	5.141	TSERVIN
	6.10	183	-221	0.04	11.28	11634	COURTHEST
	080	127	0.7	34.0	484	7 3 1 2	SOUTHERST
	1542	276	-624	570	15.70	59203	FAST
	207	~	-152	179	-	1381	NORTHEAST
1314 449	383	87	-130	191	236	3631	MIDLANDS
16175	4711	45.	-1042	766	7228	404405	37.4.7.2
		607	****			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2

Meares CP 1979, Vol. 11.

Net internal migration by county and region, by age group, all persons, 1971-1976 Table B.6 8

	DONFGAL	LETTRIK	SILIGO	GALWAY	MAYO	CLARE	LIMERICKBO	LIMERICKCD	TIPPERARYN	CORKBOR	CORKCD	KERRY	CARLON	KILKENNY	LIPPERARIS	TALERI OROB	MATERFORDS	MEXICHO	OUBLIBBOR	DUMLAUINE	DOMITMON	KILDARE	*01301*	H 43 K	NA VAN	RIDGI	Z W H D W H D W	LADIS	CONCEURO	ETRAGO COMPANDIA		B 1 4 3 E 1 6 D F		DONEGAL	KORTHWEST	FERST	AT DEEST	SOUTHWEST	SOUTHEAST	EAST	AORTHEASE ATOLANDS		STATE
AGED3539	0.15	00.0-	0,12	0.29	0.21	0.12	-0.28	0.20	00.0-	-0.51	0.31	01.0	50.0	0.0	6 6		* * * * * * * * * * * * * * * * * * * *		0.00	3	E 7 0	7**0	57.	0.0		71.0-	10.01	50.0	50.0		000	•	!	0.15	0.11	00.0	0.04	60.0-	00.0	69.0-	-0.16 0.13	:	00°U
AGPD3034	0.27	0.03	o. 1.	0.31	0.33	0.20	-0-47	0.42	-0-05	16.01	200	000	70.0			0	0.01	- a	0.00				, o	0	-		000	64.0	200		0	•	;	17.0		• 0 •	C.	£ 0.	20.0	.1.7	0.20		0°09
AGEP 2529	0.17	0.01	0.16	0.07	0.14	9.26	6.57	74.0	80.0	F			0.02	0	0.48	0.42	60.0	80	40.0	12,09	1.17	0.67	0.87	00.0	-0.22	00.0-	0.05	0.12	0.01	60.0	0.20		0.17		0.22		70.0				64.0		00.0
AGED2024	-0.62	-0.32	-0.37	-1.04	-1.67	-0-13	77.0-	0.0			96.0	-0.02	0	-0.41	-0-17	0.14	-0.22	-3.36	-0.21	10.11	0.95	0.55	0.30	** 0-	0.13	-0.05	60.0-	-0.19	-0.30	-0.67	-0.26		-0.62	04	-2.73	77	8 0	60	8.34	97.0	-1.53		00.0
AGE D1519	-0.76	-0.41	-0.30	90.0-	-1-48	10.0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	90.0	04	20	-1.12	-0,16	44.0-	-0.82	0.03	-0.20	19.0-	90.09	0.47	3.81	0.56	0.03	-0.08	09.0-	0.10	-0.26	-0.35	-0.36	-0.50	-0.87	-0.40		-0.76	-0.71	-1.54	-1.57	-0.72	-2.26	10.85	-0.75	-2.50		00.0
ACED1014	0.18	-0-17	0.03	9.00	c7.0-	7 6 6			0.40	0.07	-0-11	-0.12	-0°01	0.11	0.05	٥.18	-0.20	-3,35	90.0	2.98	0.55	0.18	0,35	-0.21	-0.13	-0.05	-0.01	0.08	0.01	-0.12	60.0		0.18	-0.14	0.11	-0.15	-0.43	00.0	0.19	-0.40	0.0	:	00.0
AGF (159	0.50	0.01	0.11	7.0	8	07.0-	0.22	90	26.0-	95.0	60.0	LO.0-	60.0	-0°00	-0.34	0.29	-0.12	-5.81	-0.41	4.36	0.57	0.38	0.56	-0.11	-0.14	-0.01	-0.07	0.02	-0.14	90.0	0.13		0.50	0.12	09.0	-0.10	-0.27	-0.22	-0.34	-0.27	00.0	;	00.0
ACP F-0-4	1.41	4.	· 1	1 0	0.5	0.0	0.23	-0-12	-1.97	1.59	0,39	-0.21	(4.57	* 0 * 0	-0.93	1.02	-0.21	-17.08	-1.20	11.74	0.53	0.49	1.26	-0.03	-0.43	0.45	0.42	0.05	0.13	0.10	0.02		1.41	0.34	1.02	-0.15	0.02	0.28	-4.24	-0.02	1.34	•	00.0
COUNTIES	DONEGAL	E T E T E E	20170			LIMERICKBO	LIMFRICKCO	TIPPERAPYN	COPKBOR	COFKIO	FEPRY	CAFLOM	P.I.CKEN4Y	TIFFERARYS	WATFFFURDR	MATERFURDE	WEXFORD	DINE I INBOR	DUMLADIRE	CONTINCO	11.1.A.P.E	FICFED*	MEATH	CAVAN	LCUTH	MONAGHAN	CADIS	1.0FGF 0R0	OFFALY	NOTE DOOL	ML.STMEATH	REG10NS	PUNEGAL	NOTTHEEST	MEST	MIDWEST	SUUTHWEST	SOUTHEAST	EAST	NORTHEAST	HIDLANDS		31416

	PONEGAL	LEITFIR	STIG0	CALWAY	MAYO	CLARE	LIMPRICKBO	LIMERICKCO	TTDFFRARYN	SOR MACE	CENTROL	7000	30.104	V 4 1 K 2 K 3 K 4 K 4 K 4 K 4 K 4 K 4 K 4 K 4 K 4	TIPEDADYS	00000000000		0009857	OCCUPATIONS	TOTAL PROPERTY	DANIEL TRICK	2010112	3440314	EDG WOOT		8 W A A A	HLDG'I	MARCHAN	LAN1S	LINGFORD	IFFALY	FUSCOMMON	MESTMEATH			PONFGAL	SUPTHWEST	WEST	KIDWEST	SHITHREST	SUITHEAST	EAST	HIPTHEAST	MINITANDS		STATE
ALLAGES	2,31	-0.81	0.30	1.45	-1.13	1.23	-3.48	1.29	40		***		64.01	77.0		2.0		7	77 03-	9 9 0	10.14			9.0	•	16.1-	66.0-	-0-17	-0.22	-0.17	-0.93	-0.75	-0.16			2.31	-0.50	0.32	-2,35	-2.72	-2.75	11.04	-3.02	-2.25		0.05
AGEDOVR65	0.28	-0.07	60.0	0.50	0.24	00.0-	-0.05			0.0	01.0	11.01	0.01	60.01	0 0	60.0	50.0			97.	1.		*0.0-	67.0	-0.01	-0.23	00.0-	60.0-	-0.07	-0.02	10.01	80.0-	-0.13			0.28	0.02	0.74	-0.27	-0.25	-0.35	0.52	-0.34	-0.33		00.0
AGLD6064	0.20	00.0	00.00	61.0	0.23	0.0	50.0	60.0	70.01	70.01	7.0	000	900	00.0	000	00.0	00.0	10.0	10.0	70.1-	00.0	50.0	-0.01	10.0	0.0	-0.05	0.01	00.0-	-0.03	00.0-	-0.02	00°0-	£0.03			0.20	00.0	0.43	-0.07	00.0	0.0-	0.39	0.0	60.0-		00.0
AGE:05559	0.16	-0.03	0.04	0	40.0		• • •		500	10.0	60.0-	co*o	10.01	# 0 ° 0 -	50°0	60.0-	0.0-	70.0	90.0	-0.73	0.02	30.0	0.01	0.03	00.0-	E0.0-	0.03	-0.05	0.02	00.0	-0.03	-0.00	-0.01			0.16	0.01	0.06	0.02	0.01	000	-0-	- C - D-2	-0.02	•	00*3
ACEP5054	0,-10	0.02				70.0		00.0	9:10	-0.02	-0.13	0.02	80.0	c c	(D.)	00.0	-0°03	60.0	00.0-	-0.87	-0.03	0.57	0.03	6.11	0°08	-0.02	0.03	+0°0-	-0.02	0.0-	00.0-	0.01	00.0			0.10	0.0	20.0	10.0		70.0		3	-6-03	•	00.0
AGE1-4549	0.07		1000	00.01	01.0	70.0	10.0	60.0-	90°C	-c.03	-0.10	50°9	-0.02	-c.02	60.0	-0.01	♦0°0-	0.04	0.03	-1.32	00.0-	0.8A	0.13	0.13	80°0	-0.03	0.01	-0.02	-0.02	00.0	00.0	00.0	00.0	•		100		10.01	71.0	000			70.0	0.00	•	00.0
ACE1-4044	11 3		70.0	36.0	61.	70° U	0.0	01.0-	°.13	+0.0-	-0.30	0.15	£0.0	0.01	00.0-	00.0	60°0-	0.10	40.	-1.95	+0.0-	1.19	0.17	٥.18	(, 22	+0-0-	-C.03	00.0			• •	20-0-		•				70.0	100	90.0	11.0	70.0	77°u-	80.0		00.0
COUNTIES	14 0.3340.3	100000000000000000000000000000000000000	LEITRIM	51.150	CALMAY	MAYO	CLARE	LIMERICKBO	LIMEPICKCO	TIPFEHARYN	CURKBOR	CORKCO	KEPRY	CAFLOX	KILLENNY	TIPPERARYS	WATEFFOFOB	WATERFORDS	WEXFORD	DUBLINGOR	DURLADIRE	1 UF1, IMCD	KILUARE	301XU13	MEAIS	XVAL	1001	HUND CHAN	3104	01041	200 10 NOT	101110000	20 CO	2 T W 2 W 1 O 2 W	FEGIONS		1001100	NOT THESE	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WIUWES!	SOUTHWEST	SOUTHEAST	EAST	NORTHEASE	CONVICTA	STATE

second decimal place being decimal places

Table B.7 Comparison of two methods of estimating net internal migration, all persons, 1966-1971

Area	Method used in text	Method based on 1970-71 migrants
		migranta
Donegal	- 658	- 1270
Leitrim	-1468	- 965
Sligo	- 896	- 730
Galway	-1371	- 705
Mayo	-4910	- 3125
Clare	720	330
Limerick Borough and County	-2175	- 2320
North Tipperary	- 942	- 1305
Cork Borough and County	1791	805
Kerry	- 498	- 1595
Carlow	- 926	- 1050
Kilkenny	- 246	- 1285
South Tipperary	-1697	- 2040
Waterford Borough and County	1699	1405
Wexford	- 290	- 1500
Dublin sub-region	12063	16465
Kildare	1591	2650
Wicklow	3341	2550
Meath	1661	1500
Cavan	-1565	- 1010
Louth	1450	- 315
Monaghan	- 149	- 740
Laoghis	- 538	- 865
Longford	-1155	- 980
Offaly	-1898	- 1425
Roscommon	-1706	- 1090
Westmeath	-1252	- 1390
Region	1202	- 1390
Donegal	- 658	- 1270
North West	-2364	- 1270 - 1695
West	-6281	
Mid-West	1	- 3830
South West	-2397	- 3295
South East	1293	- 790
East	-1460	- 4470
North East	18656	23165
Midlands	- 264	- 2065
Wildiands	- 6549	- 5750

Notes: (1) The numbers are not intended to be accurate to the last digit, but are given in this manner in order to facilitate comparison.

(2) Column (2) is derived as follows. Inward migrants for 1970-71 are derived from CP 1971, Volume XI, Table 2, column 4; outward migrants from same source, Table 4, last row. This enables net internal migration for the year 1970-71 to be calculated. This is multiplied by 5 to obtain an estimate of net internal migration in 1966-71.

Table B.8

Ireland 1978 21.8 126.3 201.7 167.8 96.5 31.2 2.8 95.9 3240.5 Northern Ireland 1977 30.1 132.2 174.3 103.2 48.2 12.3 0.7 73.7 n.a. Live birth rates specific for age of mother, EEC countries around 1979 Netherlands 1980 9.2 80.8 143.4 67.8 17.7 3.5 0.4 1614.0 The 25.1 111.6 119.0 72.8 30.5 8.7 0.7 53.0 1845.0 Italy 1978 Great Britain 1980 31.1 113.9 135.3 70.9 22.4 4.7 0.4 1893.5 57.2 18.1 123.0 145.0 75.2 26.4 5.4 0.4 France 1980 1967.0 62.1 Denmark Federal Rep. 1980 of Germany 1979 15.4 78.1 101.6 59.8 17.6 4.1 38.9 1379.1 16.8 101.7 117.9 54.6 15.7 2.4 1546.0 46.8 Belgium 1978 23.4 16.0 124.3 54.1 17.4 3.8 0.3 52.2 1691.0 Age of mother 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 Total fertility 15 - 49

UN, Demographic Yearbook 1979, New York: UN, 1980 (for Northern Ireland data only); Eurostat, Demographic Statistics 1980, 1982.

Sources:

Table B.9

Population projections, with different assumptions on migration, 1979-1991

Assumption 1 on fertility

000

	ı	Mal			
Age group	1979	1	986	19	991
			11	1	11
0 - 4	175.6	187.9	186.5	182.6	100.0
5 - 9	179.1	183.9	183.0	190.4	180.8
10 - 14	172,3	183.1	182.2	186.6	188.1
15 - 19	162.3	168.9	168.0	177.6	184.8
20 - 24	135.8	151.0	150.1	153.1	175,8
25 - 29	121,6	134,9	134.0	145.2	151.3
30 - 34	112.7	131.4	130.5	140.2	143.4
35 - 39	91.8	124.4	123.5	1	138.4
40 - 44	81.8	98.9	98.0	136.6	134.8
45 - 49	77.8	83.2	82.3	123.2	121.4
50 - 54	75.6	74.7		97.2	95.4
55 - 59	76.1	70.5	73.8	80.5	78.8
60 - 64	67.8		69.6	70.6	68.8
65 +	163.0	67.8	66.9	66.2	64.5
	,00,0	167.7	165.9	171.6	167.9
All ages	1693.3	1828.4	1814.3	1921.6	1894.2

,		Fema	ales		
Age group	1979	1	986	19	991
		l	11	ı	11
0 - 4	167.8	178.2	176.8	172,8	171.
5-9	171.1	176.2	175.3	180.8	171.
10 - 14	164.0	175,3	174.4	179.0	177.
15 - 19	155,1	160.6	159.7	170.1	168.
20 - 24	130.5	145.6	144.7	146.3	144.
25 - 29	117,8	131,1	130.2	141.3	139.
30 - 34	107.4	126,3	125.4	134.8	133.
35 - 39	86.7	117.8	116.9	129.9	128.
40 - 44	77.6	94.1	93.2	117.0	115.
45 - 49	74.7	79.1	78.2	93.0	91.
50 - 54	76,1	71.9	71.0	77.5	75.
55 - 59	77.9	71.4	70.5	69.6	67.
60 - 64	69.9	73.0	72.1	69.8	68.
65 +	198.4	212.5	210.7	224.4	220.
All ages	1674.9	1813.1	1799.1	1906.2	1878.8

Persons

Age group	1979	19	986	1 19	91
		l I	П	1	II
0 - 4	343.5	366.2	363.3	355.4	352.0
5 - 9	350,1	360.1	358.3	371.2	366.6
10 - 14	336,3	358.4	356.5	365.6	362.0
15 - 19	317.4	329.4	327.7	347.7	344.1
20 - 24	266,3	296.6	294.8	299.4	295.8
25 - 29	239.4	266.0	264.2	286.5	282.9
30 - 34	220.1	257.7	255.9	275,0	271.4
35 - 39	178.5	242.2	240.4	266.4	262.8
40 - 44	159.4	193,1	191,3	240.2	236.6
45 - 49	152,4	162.3	160.5	190.2	186.7
50 - 54	151,7	146.6	144.8	158.0	154.4
55 - 59	154.1	141.9	140.1	140.2	136.7
60 - 64	137.7	140.7	138.9	135.9	132,5
65 +	361.4	380,2	376.7	396.0	388.4
All ages	3368.2	3641.4	3613.4	3827.9	3772.9

Assumption 2 on fertility

000

8					
			1986	19	991
Age group	1979	1	11	1	П
0 - 4	175.6	198.7	Males 197.2	205.1	203.1
5 - 9	179.1	183.9	183.0	201.1	198.7
All ages	1693.3	1839.1	1825.0	1954.8	1927.1
			Females		
0 - 4	167.8	188.4	186.9	194.2	192.3
5 - 9	171.1	176.2	175.3	190.9	188.6
All ages	1674.9	1823.2	1809.2	1937.7	1909,9
			Persons		
0 - 4	343,5	387.0	384.1	399.3	395.4
5 - 9	350.1	360.1	358.3	392.1	387.3
All ages	3368.2	3662.3	3634.2	3892.5	3837.0

Note: In the case of Assumption 2 on fertility, only age groups 0 - 4 and 5 - 9 (the latter in 1991 only) differ from the results under Assumption 1.

				000					
COUNTIES	AGEDO4	AGED59	AGEP1014	AGE-D1519	AGI'T 2024	AGE02529	AGEP 3034	AGE:03539	
DONECAL	13.52	13.79	13.48	11.42	6.67	8.21	8.37	8.22	TACANOO
LEITRIM	2.23	2.43	2.30	1.94	1.77	. E	1.68	1.58	KETTE IN
SLIGO	5.39	5.42	5.28	4.69	4.23	4.16	3,81	3.77	St 160
GALHAY	16.46	18.06	17.78	16.07	13.65	13.87	12,38	11.59	CALHAY
DIV.	10.44	11.10	10.93	8.97	7.79	8.01	7.50	7.08	MAYO
LINEDICKED	7.0	7.45	16.6	7.55	6.79	90.0	9	6.58	CLARE
LIMEDICKOD	B/*C	1.0	20.	200	0.0		4.15	3.74	L1MERICKRO
TIPPERARYN	20.01	4.23	11.12		1.3	4.,	1.7.	7.47	LIMERICKCO
CORKBOR	12.06	11.39	19.54	14 97		100	2 0	7.°°	TIPPERARY.
CORKCO	28.58	29.59	28.61	23.94	21.41	76 d.	4 0 0	10 66	CORPEDE
KERRY	11.46	12,18	12.06	10.03	5) W. C.	70.0	90° 1	NO SECTION AND AND AND AND AND AND AND AND AND AN
CARLDW	4.31	4.62	4.30	3.75	3.45	3,17	2.87	2.43	*C.194.C
KILKENNY	7.87	7.4	7.50	6.41	6. F. O	5.32	5.19	4.93	KITCHENNA
TIPPERARYS	7.8	7.79	8°0¢	6.53	475	5,36	5.36	96	TIPPERAPYS
WATERFORDS	3.24	3.46	3.60	3.97	3.17	2.78	7.41	7.17	LATERFORDS
MATERICHOS	6.62	98.5	5.78	4.67	4.39	3.64	3.83	1.72	MATEPFOPDC
MEATURU CHELTHON	10.41	10.98	10.53	L2.6	1.31	4.97	6.67	6.55	KEXFORD
CONTRACT	31.11	36.44	38.73	51.86	45.40	41.4.7	37.88	20°06	0091.14808
CONT. I MILLO	74.40	7.0	4.27	20.0	4.73	4.23	7	3.09	DUNE ACT PE
KILDARE	14.13	104	40.00 44.64	1 d	5 T T T	44.23	11.75	42.23	D06617800
WICKLOW	11.40	16.52	10.21	10.95 8.47	0 4	z ,	1°°1	9.22	KII.DARF
MEATH	12.58	11.83	11.00		7 0) · ·	5 0	7 - 1 2	ATCK10A
CAVAR	4.63	5.26	4.97	4.24	. 4 . C	3.63	/ • h	70.7	4.4
LOUIH	9.75	9.77	9.51	0.05	7.64	1.0	4.43		T F T T
MONAGHAM	2.60	5.43	5.19	4.45	4.19	14.5	3.73	44.	RAHUASCS
LADIS	5.54	5.26	5.43	4.73	4.57	3.67	3.46	11.	1.4015
LONGFORD	3.10	3.28	3.23	2.52	2.56	2,16	2,15	2.10	TAGFURD
OFFALY	6.20	6.13	6.53	5.30	5.25	4.22	3.92	1,62	HFFALY
KORCOMACK	5.12	4.82	5.02	4.15	3.Ff	3.01	3,39	3.14	ROSCOMMON
HEBINEAL II	•••	R/•4	6.51	5.73	5.41	4.74	1.45	4.18	WFSTWEATH
REGIONS									
DONEGAL	13.52	13,79	13.48	11.42	6.67	3	71 3		1400
NORTHWEST	7.62	7.86	7.58	6.64	000	5.97		77.	TO SHORT OF IT
HEST	26.91	29.16	28.72	25.04	21.45	0.1.0	0	9	
MIDWEST	31.46	32.57	32.73	27.88	25.43	22.5¢	21.76		2 C G 3 C E S
SOUTHWEST	52.12	53,16	53.22	48.96	43.60	39.28	37.61	35.84	CONTRACTOR
SOUTHEAST	40,31	40.15	39.79	34.62	32.58	27.24.	26,36	24.99	SOUTHEAST
CASI	147.74	136.62	136.37	134.66	120.26	1.08.38	106.89	98,41	LAST
MUNICIPAL AND A	66.53	20.47	19.68	17.75	15.88	14.05	13.68	12,95	VORTHEAST
one and	10.44	52.92	26.73	22.45	21.57	18.41	17.58	16.18	MIDLANDS
STATE	366.15	360.10	358,35	329.44	704.58	256.04	257.58	242.18	3TATA

	DOMEGAL.		LEITRIM	SLIGO	GALWAY	O.A.C.W	CLARE	LIMERICKBO	LIMERICKCO	TIPPERARYN	CORKBOR	CORKCO	KERRY	CARLOW	X I L'K ENN X	TIPPERARYS	HATERFORDS	WATERFORDC	MEXFORD	DIPLINBOR	DUNCAOIRE	D1811800	KILDARE	#ICKCOM	MEATH	CAVAN	LOOTH	MONAGHAM	LAGIS	LUNGFORD	OFFALY	ROSCOMMON	WESTMEATH		PONEGAL	MORTHWEST	HEST	MIDWEST	SOUTHWEST	SOUTHEAST	EAST	NURTHEAST	MIDLANDS	STATE	
ALLAGES	132 12	31.50	26.89	57.57	180,38	115.68	92.84	61.22	107.69	60.09	138.37	283.69	125.27	41.92	75.01	78.17	38.01	55.98	103,53	487.57	53.63	533.11	119,95	38.45	107.68	53*56	93.86	53.40	53.42	32.24	60.58	54.51	64.57		132,12	84.47	296.06	321.86	547,34	393.25	1400.41	200.54	265,34	3641.42	
AGEPUVRES	17.63		4.7	30 ° 8	22.23	52.30	41.14	7.74	11. 17	7.08	13.56	31.68	17.51	3.49	P.14	A.R2	3.75	5.64	11.41	57.34	7.12	24.74	7.99	6 H . R	ъо . в	7.28	8.75	n.26	5.P4	4.11	6.32	H.46	h.40		17,63	12.72	40.63	35,35	62.96	41.7H	115.61	22,32	11.72	3411.24	
ACE1 6/164	76	5 () ·	04.	2.55	7.11	67	3.75		0.7	04 6	4.	11.12	49.7	1.63	3.04	3.46	1.51	2.18	4.07	22.01	2.53	11.59	3.42	3,32	3.62	2.50	3.12	7.31	7.26	1.44	2.55	2.71	24.7		36.36	3.96	12.50	13.11	22.10	1 47	47.12	£ • £ 3	11.65	146.73	
AGI D5559	4	0.0	1.27	2.53	56 - 4	000		0 0	310		4	66.41	~	1.56	3.04	3,31	1.56	1.36	4.00	24.11	2.70	13.97	3.17	3,36	3,53	2.45	3.47	2.10	2.25	1.36	7.11	2.14	2.57		21.5	3,61	11.65	12.86	22.07	15.51	51.15	e. 11	11.36	141.67	
AGET-5054	30 4	0.00	1.21	7.33	ac o	9.5	20.		7 .	07.	5-7		0,7	, J.	2.94	3.21	1.78	2.35	4°08	23.70	2.64	17.01	3.87	3.06	3.40	2.35	3.57	2,15	2.14	1.32	4.46	2.51	2.59		4.98	3,55	11.04	13.19	22,69	15.94	55,47	80°8	11.04	140.62	
AGFD4549	1	25.6	1.22	2,50	10.1		7 7	7 (7 0	, r.	* 0	7.	1.77	3.23	3,38	96.1	2.37		23.41	2.17	24.07	4.93	4.37	4.50	2,29	4.17	2.16	2.23	1.31	2.5H	2,39	7.15		5, 52	1.72	12.83	14.21	24.64	17,34	64.10	8 t4	11.27	142,31	
AGET 4044	;	04.1	1.28	2 84		,	000	, ·				20.0	6	2 1 4	00	30	36	3,63	 	23.71	2.83	31.90	66.9	5.71	د. د	3.50	60.3	2.10	6.1.7	1.53	3.40	2.54	3.21		90	6.4	1.8	17.17	29.03	26.58	17.26	10.26	12.99	193.06	
COUNTIES	1	T STANCE	LEITRIM	SLIGO	CAL WAY	C> 43	344.17	CRACIONE	CONCIDENT	TANGED PORT		CONTROL	KERK	CAFLOW	KILKENNY	TIPPERARYS	WATERFORDS	WATERFOROC	WEXFORD	DUBLINBOR	DUNLADIRE	DUBLINGO	KILDARE	WICKLOW	MEATH	CAVAN	LOUTH	MONAGHAN	LAOIS	LONGFORD	DFFALY	ROSCOMMON	WESTMEATH	REGIONS	DONE GAL.	NOPTHEST	WEST	MIDWEST	SOUTHWEST	SOUTHEAST	EAST	NORTHEAST	MIDLANDS	STATE	

Table B.11 Projected population by county and region, by age group, all persons, 1991: assumptions I on external migration, I on internal migration, I on fertility

COUNTIES	Act 1004	7.64.059	AREE 1014	AGE1-1519	AGE,1 2024	AGE1.2529	AGED3034	AGFD3539	
DONEGAL	13.18	14.21	14.19	12.32	9.75	9.51	9.76	8.81	DONEGAL
LEITRIM	2.10	2.27	2.24	1.82	1.44	1.73	1.90	1.73	(EITRIM
SLIGO	5.29	5.58	5.54	4.82	0 % E	4.25	4.47	4.06	SL160
GALHAY	16.13	17.12	18.70	17.19	13.55	13.26	14.65	13.10	GALWAY
MA YO	10.02	16.77	11.02	77.0	ب. 4.د	19.1	9.0	6.	0.4
CLARE	67.5	200	50° 4			7 0 7	, r	0.03	TAMPOT CRAPE
LINCETCKOO	. e	50.11	11.75	16.22		4	0.00	8	LIMERICKTO
TIPE-ERAPYN	5.32	5.5	1.17	5,34	5.0	4.5t	4.20	4.02	PIPPERARYN
COPKEOR	11.16	11.27	11.16	13.77	13,72	11.19	1.1	9.55	COPKBOR
CORKCO	27.98	29.57	30.11	26.55	21.79	22.22	20.45	20.57	CORKCO
KEKRY	10.85	11.72	12.25	10.57	9.16	8.85	89.8	8 . 6 S	X EDRY
CARLOR	4.26	4.29	4 i	4. U.S.	A. A.	1.4. L	3,30	2.94	*CARLO*
KILVENNY	7.71	٠٠٠	7.51	7.87	ž (26.4	00.0	0 n	T SEE A WILL OF FA
TIPPEFARYS	7.44	18.0	8.02	00.4		24.0	7.00	29.00	LATERIA
0.40.40.44.44.44.44.44.44.44.44.44.44.44	79.7	2		0.00	0 2 4	4.4.7	4.04	01.4	AATEREDROS
CONC. TANK	10.01	16.43	10.94	. 50° -	07-4	8.12	7 19	68.0	WEXFORD
DUELINGUE	22.95	25,73	33.65	43,63	13.77	28.05	34.76	35.34	DUBLINBOR
DUNLAGIRE	3,34	3.44	3.83	4.61	4.35	3.73	3.98	3.65	DUMLACIPE
07:ELI1.70	79.70	80.09	£4.31	tiv.17	67.4	54.73	46.15	45.33	DIRLINGO
FILDARE	14.34	14.90	14.45	13.61	11.,92	10.60	10.03	9.75	KILDARE
F1CKLU#	11.41	11.94	16.85	\$0.0 0	5.75	α. 	7.43	7.46	*ICKLO*
HEATH	17.71	13,32	12.37	11.17	-	70°6	e. 9	H. 25	E E E E E
2474U	4.36	4.	2 . S	4.22	3.41	2	3.91	5.5.	Y WAY
1001	87.6		£ .	20.0	900		2.5	, a	
AURACHA.	0.3. 2.4. R	2 H	, v	4.4	7.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* · ·	3.75	LAOIS
00030401	600	7 -	2 4 5	77		04.0	. c	2.26	04040401
OFFALY	40.0	4	5.5	5 K3	4.52	. C	4.32	4.01	OFFALY
RUSCOFFICE	4.94	5.26	4.77	00.5	3.00	3.83	3.82	3.57	RUSCUMMON
HESTHEATH	٠, 3د	6.68	86*1	5.91	4.04	5,43	2.00	4.69	WESTMFATH
REGIORS									
DONEGAL	13.18	14.21	14.19	12,32	4.75	14.0	8.16	α, α	PHNEGAL
NOPTHWEST	7,39	7.86	7.84	6.65	5,34	5, 9H	6.37	۲. 80	NOPTHWEST
WEST	26,15	27.89	29.12	26.32	20.04	20.94	23.26	21.08	WEST
MIDWEST	36.25	31.79	32.91	30.18	24.56	25.09	23.43	22.54	MIDWEST
SOUTHWEST	50.01	52.56	53,54	50.91	43.6A	42.24	40.55	38°18	SOHTHWEST
SOUTHEAST	39.04	40.04	46.77	36.34	30.64	31.R	28.21	27.24	SOUTHEAST
EAST	144.48	149.45	139.50	143.16	130.73	114.25	110.74	200	10 K 10 T 10 C 10
NURTHEAST	19.01	66.61	24.37	73.03	0.4.0	11.0	14.32	c - c - c - c - c - c - c - c - c - c -	WIDI ANDS
2000001	. 0.67	10.07	7.00	0.00		•	•	•	
STATE	355,44	371.24	365,59	347.67	299.40	284.46	275.02	2: 4. 10	STATE

	PONEGAL	LEITRIM	SLIGD	GALWAY	MAYD	CLARE	LIMERICKBO	LIMERICKCD	TIPPERARYN	CORKBOR	COPKCD	KERRY	CARLDW	FILKENNY	TIPPERARYS	WATFREDROB	MATERFORDC	WEXFORD	PUBLINEDR	DIMI, ADIRE	PUBLINCO	FILDARE	*ICKLD#	MEATH	CAVAN	LOUTH	MUNAGHAM	LADIS	1,0WGFDRD	DFFALY	RUSCOMMON	W. STMEATH		POWEGAL	NORTHWEST	MEST	HIDWEST	SUITHMEST	SOITHEAST	EAST	NORTHEAST	MIDLANDS	STATE
ALLAGES	139.05	26.19	59.69	188.56	116.66	97.89	61.14	114,22	61.01	139.54	300.40	127,31	43.96	79.03	66.09	37,16	61.80	107.63	442.36	52.47	645.59	135.55	109.27	119.59	52.65	98.58	55.44	55.59	33,36	62.66	54.56	67.17		139,05	85.88	305,23	334,26	567,26	410.60	1504.86	206.69	273.96	3827.85
AGEROVR65	17.70	4.50	8.02	22,73	18.24	11,25	0.12	11.68	7.36	14.27	32.46	17.44	4.21	8.43	9.15	3,96	5.94	11.83	59.46	7.87	30.07	8.70	9.06	9.05	7.17	9.57	6.40	6.05	4.17	6.73	8.29	6.80		17.70	12,53	40.97	36.43	64.19	43.54	125,43	23,15	32.05	396.02
AGEDE064	5.08	1.22	2.43	98.9	4.92	3.54	2.36	3.87	2.45	5,38	10.58	5.17	1.50	2.92	3.11	1.44	1.91	3.90	22.10	2.60	13.93	3,31	3.29	3.42	2.29	3,34	2.08	2.12	1.30	2.30	2.62	2.43		5.08	3.65	11,78	12.25	21.15	14.81	48.67	7.73	10,79	135,94
AGED5559	4.92	1.13	2.27	69.9	4.50	3.54	2.46	4.11	2.50	5.79	10.80	5.07	1.55	2.85	3.04	1.67	2.17	3.96	22.01	2,55	17,35	3,71	3.54	3.73	2.21	3.45	2.00	2.06	1.27	2.32	2,39	2.46		4.92	3.40	11.20	12,63	21.67	15.27	52,91	7.67	10,53	140.22
AGED5054	5.48	1.21	2.47	7.68	4.72	4.00	2.66	4.64	2.49	6.43	12.10	5.43	1.73	3.18	3.29	1.87	2.40	4.49	21.95	2.66	24.00	₩.	4.37	4.4	2.20	4.10	2.06	2.14	1.26	2.50	2.34	2.68		5.48	3.68	12.41	13.82	23.97	16.98	62.30	8.37	10.94	157.98
AGED4549	6.17	1.25	2.80	9.21	5.51	4.93	2.95	4.09	2.93	6.62	15.51	6.38	5.09	3.97	3.80	1.90	3.03	5,51	22.04	2.78	32.32	7.02	5.76	90.9	2.49	2.04	2.53	2.63	1.51	2.96	2.51	3.17		6.77	4.05	14.72	16.91	28.52	20.32	76.03	10.01	12.80	190.23
ACH 4044	F.32	1,53	3.75	11.64	7.05	03.	3.01	7.54	3.05	7.74	14,65	4.02	2.42	4.47	4.94	2.46	3.79	₹5°-2	26,85	3.02	43.67	9,31	7.25	7.63	3.29	(. 12	3.42	3.05	2,06	3.60	3.09	4.18		н.32	5.29	18,70	21,41	35,42	24.45	97,37	12,75	16.00	240.16
COUNTIES	PUMEGAL	LEI FF 1.4	SL150	GALFA	MAYO	CLARE	LIMERICKBO	LIMERICACU	TIFFEFAPYN	CURKBOR	COLLEGO	FERRY	CARLON	FILKENNY	TIPTERAFIS	KATERFULDB	MATEPFUFOC	WEXFORD	CUPLIMEOR	DUNCAUIRE	CUBLINCO	KILDARE	MICKEDA	VEALS	CAVAN	Напа	MUNACHAN	LAUIS	LCNGFORD	OFFALY	ROSCOMMON	WESTMEATH	REGIONS	DDNECAL	NOPTHEEST	#ES I	MIDMEST	SDUTHWEST	SOUTHEAST	EAST	NDRTHEAST	MIDLANDS	STATE

Table B.12 Projected population by county and region, by age group, all persons, 1986: assumptions II on external migration, I on internal migration, I on fertility

DOMEGAL 13.42 13.72 13.42 11.35 19.61 19.15 19.15 13	COUNTIES	AGED04	AGED59	AGI 11114	AGF1-1519	AGF1 2024	AGED2524	AGED3034	AGED3539	
2.22 2.29 4.09 <td< td=""><td>DDWEGAL</td><td>13.42</td><td>13.72</td><td>13.42</td><td>11.35</td><td>9.61</td><td>8,15</td><td>15. 8</td><td>4.</td><td>1</td></td<>	DDWEGAL	13.42	13.72	13.42	11.35	9.61	8,15	15. 8	4.	1
1, 1,	LEITHIM	2.21	2.42	2.29	1.93	1.76	1 70		07.0	UDACEAL
1, 3	SLISD	5,35	5.40	5.25	4.67	4.20	4.4	1001	1.57	LEITRIM
10, 37 11, 105 10, 88 9.91 7,77 7,95 7,430 7,131 7,5	CALWAY	16,33	17,97	17.69	15.98	13.56		B / • C	3.74	SLICO
9.42 9.40 1.3.1 1.0.7 8.40 1.3.5 1.0.7 6.02 1.0.9 1.0.	MAYD	16,37	11,05	10,88	8,91	7.73	20.0	12.30	11.51	CALWAY
10,572 1,572 1,574	CLARE	9.42	04.6	9.46	7.51	75		C+•/	60.	MAYD
1.40 11.41 11.07 1.60 1.40 1.40 1.60 1.40 1.40 1.60 1.40 1.40 1.60 1.40 1.40 1.60 1.40 1.60 1.60 1.40 1.60	IMERICKBO	5.72	5.38	90.0	4.		70.0	96.5	6.53	CLARE
5.49	IKERICKOO	16,57	11.41	11.07	. a	10.0	7	•	3.71	LIMERICKOO
11.95 11.33 12.47 14.00 13.05 14.01 3.87 3.87 3.70 3.70 3.87 11.33 12.47 14.00 13.05 14.01 3.87 3.87 3.70 3.87 11.33 12.47 14.00 13.05 11.30 11.	IFFERARYN	5.49	2	90	2	50.	0 .	7.66	7.41	LIMERICKCD
25.48 25.44 25.46 25.40 25.40 25.40 25.40 25.40 25.40 25.40 25.20 11.40 9.66 8.04 4.28 4.66 4.28 3.73 5.20 5.20 2.30 2.61 4.89 7.81 7.75 7.75 7.75 7.75 7.75 4.89 4.89 8.20 4.89 8.21 4.89 8.21 4.89 8.21 4.89 4.89 9.21 9.21	CORKEDR	11,95	11.33	12.47	00.01	£ 10	#0.4	3.87	3.70	TIPPERARY
11. 34 12.12 12.00 4.28 13.73 14.8 119.46 19.52 14.28 14.8 11.39 12.12 12.10 4.28 13.73 14.8 13.19 12.19 12.15 12.10 4.28 13.73 14.8 13.19 12.19	COF- 30	35.45	20 34	4.80	00	CO. 1	11.90	99.6	8.04	CDRKBOR
4.28 4.28 3.73 3.43 3.15 9.80 7.78 7.40 4.28 3.73 3.48 3.18 4.89 7.78 7.78 7.40 4.37 5.28 5.16 4.89 10.32 3.45 3.59 4.64 4.36 5.23 5.16 4.89 10.32 31.69 3.76 4.26 5.20 5.13 4.89 36.72 3.49 4.26 5.20 4.70 5.39 5.16 3.72 3.49 4.12 4.12 3.50 5.28 5.18 3.72 3.49 4.12 4.19	KEI RY	11,38	12.12	30.01	08.62	21.28	18.81	19.46	19.52	CORKCO
7.81 7.38 7.40 6.37 5.40 5.28 5.28 2.64 1.25 16.59 1.35 1.45 5.28 5.28 5.28 1.25 16.59 1.50 16.59 1.50 16.50	CARLD#	4.28	4.60			z r	8.29	8.21	8.00	KERRY
7.76 7.75 4.62 6.75 5.16 4.89 1.71 3.45 3.59 3.74 5.18 5.16 4.89 1.52 3.45 3.59 3.74 5.75 3.39 3.74 2.76 2.39 2.15 1.53 31.23 3.59 3.74 3.79 4.99 41.93 3.79 4.99 41.93 3.79 4.99 41.93 3.79 4.99 41.93 3.79 4.99 41.93 3.79 4.99 4.19 4.	*ILFEMNY	7.81	7.38	1		7 .	3.15	2.85	2.61	CARLON
1.21 3.45 3.54 3.74 2.75 4.94 10.31 3.45 3.54 3.75 3.75 3.74 2.76 2.76 3.75 3	IF PERARYS	7.78	7 75	200	75.	9 0	5.28	5,16	4.89	KILKEHRY
10.32 10.93 10.48 9.21 6.76 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	A TEP FUADB	3.21	4.4	705	2 10	5 ° C	5.33	5.32	4.94	TIPPERARYS
110.32 10.93 11.48 9.21 5.45 1.40 1.40 3.69 4.7 1.40 1.40 1.40 1.40 1.40 1.40 1.40 1.40	TEPFORDS	F. 5.	- C	, 	7 4	* · ·	2.76	2,39	2,15	WATERFORDS
36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 36.72 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 37.56 28.81 41.93 <td< td=""><td>WEXFORD</td><td>10,32</td><td>10.93</td><td>24</td><td>* 0</td><td>4</td><td>1.62</td><td>3.80</td><td>3.69</td><td>*ATERFORDE</td></td<>	WEXFORD	10,32	10.93	24	* 0	4	1.62	3.80	3.69	*ATERFORDE
3.76 3.69 4.28 5.00 4.71 41.28 37.56 28.81 14.24 13.64 5.00 4.71 41.28 37.56 28.81 14.24 13.48 10.18 45.37 43.93 41.49 41.99 11.33 10.47 10.18 6.42 7.60 41.49 41.99 4.56 5.23 4.49 4.21 4.00 3.74 7.48 7.67 5.56 5.21 4.42 4.00 3.79 3.44 3.24 3.24 3.44 3.24 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15	UELINEOR	36.72	36.23	3.5	17.13	97.	6.92	6.52	6.50	WEXFORD
14.24 6.1.13 57.11 45.37 43.43 39.44 41.49 3.06 19.39 11.32 11.34 10.16 11.51 6.44 7.69 6.94 41.49 41.93 4.02 11.37 11.55 6.44 7.69 6.94 7.67 4.06 5.23 4.94 4.21 7.60 6.94 7.67 5.26 5.24 4.21 7.60 6.94 7.67 7.67 5.26 5.27 4.24 4.21 3.79 3.24 3.24 3.24 5.20 5.41 5.17 4.2 4.17 3.79 3.44 3.24 3	UNLADIRE	3,76	64.5	4 (4	10.10	7 3 - 1 - 1	41.28	37.56	28.81	DURLINBOR
14.02 13.62 13.38 10.31 4.193 41.49 41.93 41.93 10.10 13.10 10.10 6.24 7.00 6.49 41.93 41.93 10.34 11.35 7.60 6.43 7.48 6.94 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.0	PUBLIECO	74.24	61.14	57.11	20.01	7	4.19	3.61	3.06	DUNLAGIRE
11.33 10.47 10.16 6.44 7.61 6.94 6.94 7.15 7.61 7.49 7.48 6.94 7.15 7.62	KILDARE	14.02	13.62	2	10.01	7	40.06	41.49	41.93	DUBLINCO
12.49	WICKLOA	11,33	10 47	40.00	16.0	7.11	8.43	8,95	9.15	KILDARE
4.50 5.23 4.94 4.21 7.41 7.55 7.62 7.62 7.62 7.62 7.62 7.62 7.62 7.62	MEATH	12,49	11.77	1 55	74.0	94.	و ن ا ع	96.9	7.07	WICKI, DW
5.56 5.41 5.17 4.42 4.17 5.00 6.43 5.14 5.124 5.16 5.20 5.21 5.40 6.41 5.17 4.42 4.17 5.00 6.43 5.10 5.20 5.21 5.40 6.41 5.10 6.43 5.40 5.20 6.41 5.10 6.41 5.10 6.41 5.10 5.20 6.41 5.10 6.41 5.10 5.21 5.40 5.21 5.40 5.21 5.40 5.20 5.21 5.40 5.41 5.10 5.40 5.41 5.41 5.42 5.41 5.40 5.41 5.42 6.41 5.42 6.42 6.41 5.42 6.42 6.41 5.42 6.42 6.42 6.42 6.42 6.42 6.42 6.42 6	CAVAN	9.00	5,23	76.7			7.4H	7.55	7.62	MEATH
5.56 5.41 5.17 4.42 4.17 3.57 6.16 6.16 6.16 6.16 6.16 6.16 6.16 6.1	LOUTH	9.08	6.73	47.0	100	60°	6/ 1	3.44	3.24	CAVAN
13.42 13.72 13.43 13.59 13.69 13.89	MDNAGIIAN	5.56	4.1	21.1	70.4	0.	10.0	6.43	6.16	1,DUTH
13.07 3.26 3.21 2.51 2.51 2.51 3.09 3.09 3.09 3.09 5.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	LADIS	5.50	5.23	07.50	70.	100	7 .	3.70	3,43	MONACHAN
6.10 6.10 6.50 5.27 5.21 4.19 2.13 2.08 5.08 4.79 6.41 5.09 5.27 5.21 4.19 2.13 2.08 6.41 0.75 6.41 4.12 3.63 3.58 3.59 3.59 0.41 0.75 6.41 0.75 6.41 4.71 4.71 4.42 3.59 3.59 0.41 0.75 7.57 7.82 7.54 0.52 7.54 0.51 0.52 7.54 0	LONGFORD	3.07	3.26			0.4	£4.5	3.63	3.09	LADIS
5.08 4.79 4.99 4.12 3.13 3.15 3.39 3.59 3.59 6.41 0.75 7.48 5.09 5.37 4.71 4.42 4.15 3.13 4.71 4.42 4.15 3.15 4.15 4.15 4.15 4.15 4.15 4.15 4.15 4	UFFALT	6.16	6.10	2	10.7	* · ·	2.14	2.13	2.08	LONGFORD
13.42 13.72 13.42 11.35 9.61 4.71 4.42 4.15 13.42 13.72 13.42 11.35 9.61 8.15 8.31 8.16 22.70 29.02 28.58 24.90 21.74 19.76 18.34 31.21 22.40 32.5¢ 27.71 22.41 21.61 21.37 46.00 39.95 34.62 32.37 27.08 26.18 24.80 46.59 135.94 135.69 133.89 119.56 10.19 26.18 56.25 26.35 22.31 21.53 16.14 97.68 56.25 26.35 22.31 21.53 16.20 56.34 356.54 327.65 274.78 74.13 56.35 36.57 36.56 32.76 56.36 32.37 27.08 27.37 56.37 356.54 327.65 274.78 74.76 56.37 36.58 327.65 274.78 74.76 56.36 36.56 327.65 274.78 74.76 56.37 36.58 327.65 274.78 74.76 56.36 36.56 327.65 274.78 74.76 56.36 36.56 327.65 274.78 74.78 56.37 36.58 327.65 274.78 74.78 56.36 36.58 377.65 377.65 56.36 36.58 377.65 377.65 56.36 36.58 377.65 377.65 56.37 36.58 377.65 377.65 56.37 36.58 377.65 56.37 36.58 377.65 56.37 36.58 377.65 56.37 36.58 56.37 36.58 56.37 36.58 56.37 36.58 56.37 36.58 56.37 36.58 56.37 36.58 56.37 36.58 56.37 36.58 56.38 56.38 36.58 56.38 56.38 56.38 56.38 56.38 56.38 56.38 56.38 56.38	SCOMMON	5.08	4.79	00.4		170	51.	9.89	3.59	DFFALY
13.42 13.72 13.42 11.35 9.61 8.15 8.31 8.16 7.57 7.82 7.54 6.66 5.96 5.96 5.95 5.32 5.46 5.32 15.70 21.70 21.74 19.76 18.54 5.32 31.71 52.90 21.30 21.74 19.76 18.54 51.71 52.90 52.90 21.30 21.74 19.76 18.54 6.60 13.95 13.85 13.85 13.85 13.85 13.85 13.85 13.85 13.85 13.85 13.85 13.85 13.85 15.06 13.85 13.85 13.85 15.06 13.85 13.85 15.06 13.85 13.85 15.06 13.85 13.85 15.06 13.85 13.85 15.06 13.85 13.85 15.06 13.85 13.85 13.85 13.85 15.06 13.85 13.85 13.85 15.06 13.85 13.85 13.85 15.06 13.85 13.8	ESTMEATH	6.41	6.75	4.48	5.09	5.37	¥0.4	3.3/	3.12	ROSCOMMON
13,42 13,72 13,42 11,35 9,61 8,15 8,31 8,16 7,57 7,82 7,54 6,66 5,96 5,96 5,36 5,32 20,70 29,02 28,59 24,90 21,37 19,76 18,54 31,21 32,40 32,56 27,31 22,27 21,41 21,61 21,37 40,00 39,95 39,57 34,42 32,37 27,48 25,13 37,34 35,57 146,59 135,94 135,69 133,39 119,58 10,16 26,18 26,	GIDNS						•	7	¢. 15	*EST*EATH
7.57 7.82 7.54 6.66 5.94 8.15 8.15 8.16 5.32 2.0.7 2.0.7 2.0.0 2.1.74 19.76 5.32 2.0.7 2.0.0 2.1.74 19.76 18.34 31.32 1.0.2 2.2.40 2.1.74 19.76 18.34 5.17 52.90 52.95 42.80 43.33 34.01 37.34 35.57 44.59 135.94 135.69 135.94 135.69 135.94 135.69 135.94 135.94 135.69 13.99 117.65 13.79 117.65 13.59 12.85 26.25 26.15 26.59 22.31 21.53 116.70 17.46 16.06 36.34 356.54 327.65 294.78 22.3	DONEGAL	13,42	13,72	13.42	11. 35	0		;		
20.70 29.02 28.58 24.90 21.30 21.74 19.76 18.54 51.21 22.40 21.74 19.76 18.54 51.71 52.90 21.30 21.74 19.76 18.54 64.00 39.95 39.50 34.42 32.37 27.48 26.18 24.80 19.84 20.34 19.58 135.69 135.	DETHWEST	7.57	7.82	7.54	4	100	0.0	15.0	9.16	DDNEGAL
31.21 32.40 32.50 27.71 25.27 24.74 19.76 18.54 45.71 52.90 52.95 40.68 40.33 30.01 37.34 35.57 40.69 19.56 19.37 40.00 19.95 39.50 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 19.59 107.69 107.69 19.59 17.65 107.69 19.59 17.65 107.69 19.59 17.65 10.50 19.59 17.65 10.50 19.59 17.65 10.50 10	MEST	26.70	29.02	28.58	20.00	2000		5.46	5.32	NORTHWEST
51.71 52.90 52.95 40.00 71.37 21.61 21.57 40.00 39.95 39.50 37.37 30.01 37.34 35.57 40.00 39.95 39.50 34.42 32.37 22.08 26.18 24.80 135.94 135.69 135.96 109.86 107.63 106.14 97.68 26.25 26.15 26.59 22.31 21.53 116.70 17.46 16.06 36.34 356.54 327.65 204.78	FIDMEST	31,21	32.40	32.54	27 76	20.17	21.74	19.76	18.54	WEST
40,00 39.95 39.57 14.42 32.37 27.08 25.37 34.35 35.57 146.59 135.94 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 135.69 12.85 26.25 26.15 26.59 22.31 215.3 14.27 17.46 16.06 36.34 356.54 327.65 294.78 26.5	DUTHWEST	51.71	52.90	5.2 95	0 7 0 7	77.07	14.77	21.61	21.37	MIDMEST
146.59 135.94 135.69 137.45 17.55 17.48 24.80 24.80 11.84 20.30 19.58 17.65 15.78 13.95 13.59 13.89 26.25 26.15 26.59 22.31 21.53 18.20 17.46 16.06 36.34 356.54 327.65 294.78 74.15	DUTHEAST	40.00	39,95	65 61	4 47	5.00	70.70	37.34	35.57	SOUTHWEST
19.84 20.36 19.58 13.45 119.58 110.6.14 97.68 26.25 26.15 26.59 22.31 21.53 16.76 13.59 12.85 15.34 358.30 356.54 327.65 294.78 26.5	EAST	146.59	135.94	136.60	74.60	36.31	27.08	26.18	24.80	SOUTHEAST
26.25 26.15 26.59 12.31 13.45 13.59 12.85 363.34 359.30 356.54 327.65 294.78 72.1.	DRIHEAST	19,84	20.36	30.0	BK****	114.08	107.63	106.14	97.68	EAST
363,34 358,30 356,54 327,65 294,78 22.7.	TDLANDS	26,25	26,15	26.59	22 21	8/100	13,45	13.59	12.85	NOPTHEAST
363,34 358,30 356,54 327,65 294,78					16.33	66.17	14.74	17.46	16.06	MIDLANDS
	STATE	363,34	358,30	356.54	327,65	294.78				

2.30 2.50 4.72 5.12 SLIGO 4.89 6.87 7.02 2.04 11.00 GALMAY 4.81 5.32 18.24 14.78 GALMAY 3.65 3.73 11.04 9.74 LIMERICKO 4.20 4.02 3.33 5.64 6.71 LIMERICKO 4.20 4.02 11.26 10.87 LIMERICKO 2.57 2.65 7.01 10.87 LIMERICKO 2.50 6.25 13.25 13.25 LIMERICKO 2.65 7.01 13.29 13.25 CORKOR 1.51 1.54 1.51 17.55 CORKOR 2.55 5.57 13.59 28.54 CORKOR 2.51 1.51 1.51 17.43 KLIKERIY 2.52 1.51 1.54 17.43 KLIKERIY 2.53 4.00 4.02 11.31 102.73 MATREFORD 2.54 2.57 3.24 17.43
4.87 7.02 22.04 119.00 4.83 5.12 11.04 22.04 119.00 2.13 3.02 2.03 11.26 0.071 1.04 2.13 11.26 2.071 1.06 2.13 11.26 2.071 1.06 2.071 1.06 2.071 1.07 2.07 11.26 2.07 11.26 2.07 11.27 11.26 2.07 11.27 11.26 2.07 11.27 11.26 2.07 11.27 11.27 11.27 11.27 11.29 2.15 2.15 2.15 2.15 2.15 2.15 2.15 2.15
3.02 3.73 3.02 3.74 4.02 2.33 5.08 6.71 1.04 4.02 11.20 10.87 10.8
2,49 2,33 5,68 66.71 10.8 2.55 2.65 1.0.8 10.87 1.0.8 10.87 1.0.8
4.02 4.23 11.2b 106.87 10.87 10.87 10.87 10.87 10.87 10.87 10.85 10.87 10.87 10.85
2.55 2.65 7.01 13.95 281.25 10.85 10.85 10.27 13.42 13.25 15
5.69
10.85 10.37 31.59 281.54 15.4 15.4 15.4 15.4 15.4 15.4 15.4
15.25 5.57 17.36 1124.29 15.4 15.4 1.36 1124.29 3.00 3.05 8.06 1.371 17.19 17.19 15.4 1.39 2.15 3.71 17.19 17.19 23.79 22.60 55.58 8.19 23.79 22.60 55.75 63.19 23.79 22.60 55.75 53.19 33.42 3.38 7.75 53.19 33.42 3.48 11.35 24.51 529.60 33.42 3.58 8.90 106.90 33.42 3.58 8.90 106.90 22.40 22.78 8.20 52.99 22.72 22.78 8.30.2 22.70 7.55 8.30.2 22.70 7.55 8.30.2 22.70 7.55 8.30.2 22.70 2.57 8.39 54.07 22.54 2.54 5.54 6.39 54.07
3.27 3.42 4.29 4.1.39 4.1.39 3.27 3.42 3.42 3.42 3.42 3.42 3.42 3.42 3.42
3.20 3.22 H.76 78.15 1.54 1.50 1.54 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.54 1.55 1.
1.23 1.50 5.59 1.70 4.02 1.71 1.71 1.72 1.72 1.73 1.72 1.73 1.73 1.73 1.73 1.73 1.73 1.73 1.73
4.07 4.07 11.31 102.33 23.79 22.60 56.75 83.19 23.79 22.60 56.75 83.19 13.41 11.45 24.51 529.60 3.34 3.78 11.9.09 3.34 3.78 7.71 10.09 3.42 3.58 8.91 06.90 2.42 2.78 7.21 52.09 2.27 8.20 93.19 1.34 1.42 8.20 83.02 1.34 2.55 8.20 52.09
23.79 22.60 55.75 483.23 3.42 3.34 114.55 53.19 53.19 3.34 3.34 3.38 7.91 119.09 3.32 3.48 3.58 7.51 119.09 3.48 3.48 3.58 7.51 119.09 2.45 7.51 119.09 3.48 7.51 7.51 119.09 7.51 7.51 7.51 7.51 7.51 7.51 7.51 7.51
2.66 2.50 7.55 53.19 3.42 3.37 8.81 119.09 3.48 3.58 8.90 106.90 2.42 2.54 7.21 52.84 3.43 3.57 8.66 93.14 2.42 2.58 8.66 93.14 2.22 2.28 5.78 53.09 2.40 2.57 8.50 60.11 2.70 2.57 8.39 60.11 2.54 2.64 6.39 64.07
13.811 11.45 24.51 529.60 3.32 3.78 8.81 97.119.09 3.42 3.58 8.81 97.21 3.43 3.57 8.66 91 2.25 2.78 52.09 2.70 2.70 7.52 60.11 2.70 2.54 60.11
3.42 3.3P 7.91 119.09 3.42 3.5P 8.90 106.90 2.42 2.27 8.22 8.29 2.22 2.23 8.7P 8.50 2.40 2.57 8.39 60.11 2.54 2.64 5.57 6.39 64.07
3.32 3.76 8.81 97.74 3.39 8.39 8.40 106.90 2.42 2.24 7.21 52.89 53.09 2.22 2.23 5.78 5.78 53.09 1.34 1.42 4.08 31.98 2.70 2.57 8.39 54.07 2.54 2.54 6.39
3.48 3.58 8.40 106.90 3.42 2.54 7.21 52.84 3.43 8.62 2.28 8.2.2 2.28 8.2.2 2.29 8.2.2 2.24 5.2.40 2.57 8.39 60.11 2.54 2.54 5.54 6.39
2.42 2.54 7.21 52.84 3.14 3.2.15 2.78 52.84 52.87 52.87 52.02 2.23 5.78 53.02 5.40 5.24 5.25 60.11 52.54 5.54 6.39 64.07
3.43 3.67 8.60 93.14 2.12 2.23 5.78 53.09 2.22 2.23 5.78 53.09 2.40 2.57 60.11 2.70 2.64 6.39 64.07
7.15 2.28 5.29 7.22 2.29 1.34 1.42 4.08 53.02 2.40 7.57 6.21 2.70 2.67 8.39 54.07 2.54 2.64 6.39
2.22 2.78 53.02 2.40 2.57 6.26 60.11 2.54 2.67 8.39 54.07 2.54 2.64 6.39 64.07
1.34 1.42 4.08 31.98 2.40 2.57 6.26 60.11 2.70 2.57 8.39 54.07 2.54 2.54 6.39 64.07
2.70 2.57 e.26 60.11 2.54 2.64 b.30 64.07
2.10 2.54 H.34 54.07 2.54 2.64 6.39 64.07
2.54 2.64 6.39 64.07
5.29 17.48 131.12
5.29 17.48 131.12 3.91 12.60 83.80
5.29 17.48 131.12 DON 3.91 12.64 83.80 HORTH 12.35 40.28 293.79
5.29 17.48 131.12 3.91 12.44 83.80 HC 12.35 40.28 293.79 12.44 35.01 319.34
5.29 17.48 131.12 DON 3.91 12.40 83.80 MORTH 12.35 40.28 293.79 12.94 35.01 319.35 MID 21.82 62.38 543.09 SOUTH
5.29 17.48 131.12 DON 3.91 12.40 8.80 HORTH 12.35 40.28 29.79 MID 12.44 35.01 319.35 MID 21.82 54.38 543.09 SOUTH 15.76 41.37 30.20 SOUTH
5.29 17.48 131.12 3.91 12.66 83.80 12.35 40.28 293.79 12.44 55.01 319.35 21.82 62.38 543.09 15.76 14.37 390.20
5.29 17.48 131.12 3.91 12.60 83.80 12.35 40.28 293.79 12.44 35.01 319.35 21.82 62.38 540.09 15.76 41.37 390.20 44.81 114.47 1389.77 5.51 22.10 198.97
5.03 5.29 17.48 131.12 DONEGAL 13.75 12.35 40.28 293.79 HORMEGST 12.70 12.35 40.28 293.79 HORMEGST 25.79 21.82 62.38 543.09 SOUTHEGST 15.31 15.76 41.37 390.20 SOUTHEGST 50.50 4.81 114.47 1389.77 EAST 67.12.10 19.89.71 HORMEGST 11.25 11.56 31.27 HOLMANDS

Table B. 13 Projected population by county and region, by age group, all persons, 1991: assumptions II on external migrations, I on internal migrations, I on internal

				8	2				
UHINTIES	AGED04	AGENS9	AGEP1014	AGE 0.1519	AGI D2.624	AGE:2529	AGED3034	AGE D3539	
LOITECAL	40 61	14.05	14.05	12.19	1, 62	ot o	8.65	9.70	DONEGAL
MIGHT	2.08	2.24	2.27	1.79	1.42	1.71	1.88	1.71	LFTTRIM
51.150	5.23	5.52	5.49	4.77	3.84	4.10	4.41	00.4	20100
CALKAY	15.96	10.90	18.57	17.01	13,38	13.1.0	11.46	12,93	CALFAY
MAYO	6.63	10.64	10.91	0.01	4.3	7.57	R.50	7.87	0 A 4 .
CLARE	9,16	9.71	9.54	8.51	40.	7.14	6.39	6.25	CLAPE
LIPERICESO	5.11	5.29	5.29	5,43	5.57	4.	4.65	* o * o	CH # 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,1 MI P 1CK 30	10.37	15.88	11.64	10.11	00.7	 	60.7	, c	LIMEN LONG
TILFELARYN	5.26	5.49	r. 1	5.5		- C	4	5.0	000000000000000000000000000000000000000
CUEKROP	11.04	11.10	11.05	- 3.64 - 5.4	13.57	ης	47.11	7.00	
CLEAGO	27.73	29.22	72.57	17. 17	70.1	2 X	75.4	40.4	7. 25 de
FEFRE F	10.75	11.00	24.42	70.		3.4	3.26	2.90	CAPFOR
AUT IND	77.	10.1	7.43	1.75	بند ا	5	5.53	5.36	RELIEFARY
F1006 0 0 0 V S	7.36	7.78	7.04	(. 92	2.0	+4.	5.52	5.54	FIPPEPAPYS
1. A TEC FOUND	2.77	2.89	3.54	3.50	3.40	3.14	7.11	3.26	8045169164
A TFFFIIED.	19.9	6.94	100	5.34	4.34		- ·	\$ (1) \$	LATER DROC
25 12 13 13 13 13 13 13 13 13 13 13 13 13 13	96.6	10.29	14.83	***	- I - I	** i. * i.	1.00	5.15	*FXFIPRII
PUEL IN B 38	22,47	25.18	33.25	43.23	43.24	37.45	33,02	11.75	DUBLITHE
PET, LAUTRE	3,30	3.38	3.79	4.57	6 × V	3.07	3°65	59.65 5.55	Sell-INC
11141.1423	79.17	79.27	1,3,73	99.67	3.7.6	54.20	1.00	0,000	
K JI, I'ARE	14.22	14.73	14.32	13.48		2 d	, ,	60.	20 - 40 - 4
*10FLJ#	11.32	11.81	10.76	50°	e - - :	40°/	- 46 - 1	· 1	# V 4.1
MF A LE	12.61	13.17	57.21			. ~	. X		MANA
AVA	75.4	70.4	0 4 0	200	# #	77	. S.	4.	12.11
34.001	9.20	70.7	4	4.73	3.0.0	000	3.49	4.7.1	4 Dr. AGPAR
A LITACITA	5.42	. 40	5.27	4 5	5 T	4.4.	3.74	3.76	IADIS
0.000.000	10.	3.12	98.64	2.74	70.07		7.31	2.21	COLCERP
0.00 May 0.0	66.5	0.4	2.17	5,77	7.4		4.27	1.95	116.5014
MC WALLOW	4.89	5.20	4.72	3.01	10.6	- 7×	3.77	3.53	PUSCOPERIN
SH STSEATH	6.29	09*9	16.	4.0	1.47	3F*5	1.6.4	4.63	AFSTHIA PD
E+131111'S									
140 3000	30 64	14 05	14 1.5	12.19	9.62	0) 0	Z.	H 711	Oppur GAI.
TO THE TIME	7.32	7.76	7.76	1, 5.7	42.4	7 4.	1.24	5.72	ASPANTANESS
\$ 50 in 1	25.89	27,55	29.43	26.113	19.76	70.17	72.47	20. AO	F. 5.3.
TSUSTIA	29.92	31,39	32.58	29.HS	24.45	74.76	23.13	22.24	15 12 15
SINTHEEST	49.53	51.91	53.01	50.37	13.11	41.72	411.02	38.26	TOTAL TITLE
SHIFTERASE	38.65	40.14	40.37	35.04			7 d d d d	= 5.45	100 PT 11170
F,AST	143.10	147.57	138.13	7/ 17	15.4.11		11.4.40	67*401	THEAST
- DETHEAST XIOLANDS	18.83	19.75 26.49	21.11	23. E	15.27	21.15	80°51	16.07	WIFI, ANDS
		•							
STATE	352.00	306.64	362,111	344.07	245.42	742.87	771.43	262.81	STATE

	14000000	1045545	LEITRIA	SL160	343		OIVE	CLARE	LIMERICKOO	LIMFRICKCO	TIPPERARYN	WCBXWCC		2000	ייייייייייייייייייייייייייייייייייייייי	LARLUR	X I LYENN	TIPPERAPIS	WATERFORDS	WATFREDRDC	WEXFORD	PHPLIN60P	PHINLADIRE	DUBLINCO	KILDARE	#C13C13	H-4-4		14101	24204202	# C 4 -	01041	3.4000	OF FALS	NO SECURIO	MENTHEATH		PONEGAL	NORTHWEST	WEST	HIDNES?	SOUTHERST	SCOTARART.	1 H 4 4	* CRATERIA	# 10 CAR 00	=======================================	
ALLAGES		13/.11	25.78	58.83		10.001	114.96	96.51	60,14	112,59	60.04	8. 7.	00.00	740.17	175.43	4 3 . 32	77.91	79.79	36,55	60.97	104.07	434.29	51.62	50 854	000	76.70		70.811	00.10	D	20.0	54.81	/8.7	61.76	53,74	66.19		137.11	84.61	300,84	329,36	559.01	404.64	1483.64	203.67	340.44	1111111	:
AGEDUVE 65		17.34	4.42	1		77.33	17.93	11,04	66.5	11.45	-	300		۲۶ ۰ ۲۶	17.12	4.12	8.24	70°a	3.44	5,82	11.60	58.2(7.73	LV 0C		70.00		7 1	70.7	35°	2 ·	6.43	4.0	65.4	۵.14	94.4		17.39	12,30	40.26	35.73	62.46	42.68	122.49	23.49	31.42	****	
AC) 1-1 054		4.95	1.14	7.4	16.	٠ ٠	₽. 8€	3.45	0.30	47			+7·0	10.37	5.04	1.4	2.45	3,03	1.40	1.85	0×*0	21.50				77.5	3.71	3,33	62	3.26	£0.	70.7	1.27	2.24	2.55	7.34		40	4	64.11	11.63	20.61	14.43	47.41	7.1	· .		
AGI 115559		4. Cα	1.10		7 7 . 7	£ • 25	4,39	3.45	2 30			7.07	4°°	10.53	4 95	1.51	3.7 B	2.0c	1.63	2.12	3.87	21.43	3 4		56.51	70.5	. 4°	3.64	2.5	. A.	1.95	2.61	1.24	2.20	2,33	2.40		6		10.01	12.31	21.12	3 4 4	11.57	7.47	16.36	1 31 . 10	,
6/1,05054		5,3(= =		7.41	7.51	4.62		• 5 • 4 • 5	. 4.4	7		47°1	11.85	5,31	1.7	3,11	3.21	1.83	2.35	02.7	1	7.0	7 .	75.4×	6.	4.27	4.37	2.15	4.01	7.05	60.0	1.23	+4.	2.29	29.62		å	0.7		13.51	23.43	16.61	, C.		10.70	154.44	
AGI 114549		1,14	- 2		+/.	2°.04	f. 46	- T		7.0	n o	7.4.7	. 49	15,22	(17°)	50.6	3.89	3.72	£ .	80.0	4.4	3 - 6		6 / 9 /	31.74	ر ا ا	5. t 6	5.97	2.44	40.4	2.48	7.58	1.48	2,91	2.41	3,11		•		7 4 45	7	80.10	0 0 -	0.4.7	0	12.50	4	
ACR.1 4044		8.20		• • • •	3.60	11.48	. 0.			2.5	64.	C 4 • M	7.45	10,30	7.	2.59	1.80	- X	0	1.74			05.37	7.3	47.46	±. ±	7.15	7.72	3,15	£3° 1	3,37	3,01	2,03	3.54	3.05	4.12		3	2.0	17.0	0.00	00 72	24.40	0.40	12.54	14.77	234 56	1
COURTIES		CONFIGAL	200	ET1137	St.130	GALHAY	CANN				C146.F.J.C.C.D	TIPFERARYN	COFKLUR	COLLCD	KEREY	CARLO	FILKEHNY	TIPLERECS	WATER CLOB	WATE LEGED	200383.7	ACTAIN TOTAL	STATE TO	UPELAUIRE	DOI: LICO	F11,PARE	*CT +DI#	MEATH	CAVAN	LUITH	MONAGHAN	LAUIS	LONGFURD	OFFALY	EUSCOHMON	WESTMEATH	REGIONS		1402000	103140N	TO LINE	LO.SPILLION	COUNTRACE	104311000	NOUTHEAST	MIDLANDS	41414	2 T B

Table C.1 Activity rates by county and region, by age group and sex, 1971 Males

	COUNTIES	DONEGAL	LEITRIM	SLIGD	CALMAX	2	204	3441	DENITURE.	LIMERICACO	TIPFERARYN	CORKBOR	CORKCO	KEKRY	CARLOW	KILKENNY	TICCEDARYS		TATION OF THE	*ATENFORDE	WEXFURO	DUBLINEOR	DUNLAGIRE	DUBLINCO	K 1 LOARE	WICKLOR	MF.A.TH	24240		# 1001 H	MUNACHAN	CAUL	LONG! ORD	OFFALY	FUSCOMMON	MESTMEATH		FEGIONS.	DUNEGAL	NOFTHWEST	WEST	MIDWEST	SOUTHWEST	SOUTH AST			NUTHERD	MIDLANDS	1 T Y & .7	11010
	ALLAGES	79.53	82.50	100			80.03	80.08	79.52	81.42	81.88	78.60	81.04	78.08	01.42		07.10	100	83.85	81.10	81.73	82.24	78.58	82.87	84.81	84.10	70		83.61	82.80	83.10	80.69	81.69	83.03	81.35	70.15	21.6		79.53	80.93	79.62	77.00	4 00 0	00.67	91.00	#2.4/	83,15	81.14		81.28
	AGEDOVR65	47.06	50 70	2 6 2		0000	57.56	47.55	30.04	43.76	46.88	25.89	41.97	41.63	43 30			17.4	26.70	39.01	42.53	32,52	31.47	33.13	42.38	60	20.04	10. R	55.75	35,38	49.43	43.87	53.99	48.64	50 54		43.01		47.06	89	57.19		* 0	E	41.00	35,33	47.58	20.66	:	43.42
	AGED5564	91.63	80 %	000	60.00	7/06	93.14	90.25	85,66	91.27	91.34	84.82	90.35			50.00	50.00	90.17	87.85	90,32	86.68	93.27	92.93	92.20	1 4 1 5		20.60	93.01	93,32	91.28	89.17	89.25	91.70	91.82	30 00	00.76	00.18		64.19	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	20.10		71 70	70 P	08.68	92.64	01.40	90.62		41.00
ደ	AGED4554	95.29	20 00	22.40	200	10.66	96.01	95.28	93,59	96,55	97.92	76. 20	46	65.30	0 2 2 2 2 2	70.79	54.06	96.49	97.12	96,55	96.00	98.07	68.13	0 40	04.00		11.06	97.18	97.10	96.80	97,32	95,11	96.25	44.70	07 70	20.00	60.76		96, 30	0 10	70.04	70.10	0 K C C	95.65	96.14	97.10	97.24	96.60		96.54
	AGE03544	80.40	20.00	000	40.04	95.40	96.61	95.87	95.99	94.76	98.32	36.36		06. 36	20.00	05.16	4.76	98.25	99.26	98.30	97.64	98.65	60	46.00	07.00	4.04	14.76	98.63	98.36	97.87	97.84	96.34	97.81	39 00	20.00	40.76	18.96		90 90	97.70	90.00	04.00	50.76	97.19	97.95	96.48	98.02	97.46		97.64
	AGED2534	40		05.16	BC*06	95.17	96.02	96.84	96.43	98.11	97.52	10.0		01.00	71.00	91.16	97,30	97.76	98.23	98,31	19.76	08.96	01.0	75. 60	0/.00	76.34	44.76	98.55	98.28	97.92	98.40	95.87	8 9	0.00	20.00	16.46	97.10		94 40	00.00	20.00	V	17.16	97.41	97.10	97,35	98,13	47.07		47.24
	AGED2024	00		00.76	92.40	83.21	16.68	90.37	64.06	92,30	76		07.	71.00	14.04	94.29	93.02	92.21	96,18	94.25	94.25	24.0	7 0		200	17.56	92,35	94.84	93,36	92,61	94.47	91.32	000	27.40	- 1 - 6 - 6	\ C . BB	91.17		7	6.06	47.7	0 P	91.18	89.28	93.62	86.13	93.30	91.67		88.94
	AGE01519	9	01.00	44.31	44.96	42.93	42,38	45.92	49.78	50.27	49.02	40.0	10°0	27.16	60.44	25.88	52.98	20.96	63.99	54.41	7. 7. P.	G 44		00.00	#7 * O #	R / BC	52.24	54,26	53,28	56.90	59.04	52.24	40.04	20.65	10.10	43.48	47.41		3	000	44.	42.10	48.79	48.71	55.27	52,65	5.6	48.53		50.67
	COUNTIES		CONECAL	LEITRIM	SLIGO	CALWAY	MAYO	CLARE	LIMPRICKBO	CONCLUMENT	NAC COLOCULE	0000000	LURABUR	CORRED	KEKKI	CARLON	KICKENNY	TIPPERARYS	WATERFORDS	WATERFORD.	COULT	acant rand	000000000000000000000000000000000000000	UNITACI RE	SUBLINCO	KILDARE	WICKLOW	MEATH	CAVAN	LOUIH	MONAGHAN	1.4015	Calling	20.500	OF FALT	POSCOMMON	WESTMEATH	REGIONS	i de la constantina della cons	145100	NOTHWEST	*ESI	NIDWEST	SOUTHWEST	SOUTHEAST	EAST	MAIL THE AST	N 1 DL ANDS		STATE

Table C.1 (continued)

Females

COUNTIES ACEP1519 ACEP1241 ACEP1254 ACEP1254 ACEP1254 ACEP1254 ACEP1254 ACEP1264										
25,02 64,02 64,02 15,26 15,26 15,27 11,47 24,93 16,73 11,47 24,93 16,73 11,47 24,93 16,73 11,47 24,93 16,73 11,47 24,93 16,73 17,18 16,73 17,18 16,73 17,18 17,18 20,18 <th< th=""><th>DUNTIES</th><th>AGED1519</th><th>AGED 2024</th><th>AGE02534</th><th>AGED:3544</th><th>ACCP4554</th><th>AGED5564</th><th>AGEOUVP65</th><th>ALLAGES</th><th></th></th<>	DUNTIES	AGED1519	AGED 2024	AGE02534	AGED:3544	ACCP4554	AGED5564	AGEOUVP65	ALLAGES	
29,00 69,467 30,433 15,55 16,226 16,734 11,99 20,60 29,01 60,467 20,821 16,511 16,514 11,135 11,136 20,40 20,93 60,204 20,821 15,274 11,135 11,126 21,137 20,93 60,206 20,600 16,554 11,136 11,136 21,137 20,03 60,206 20,600 16,554 11,136 11,136 21,137 30,415 60,300 27,400 11,136 11,136 21,137 31,426 60,310 27,711 20,411 20,111 11,136 21,136 31,400 60,310 27,711 27,111 27,111 27,111 27,111 27,111 31,400 60,400 10,400 11,139 11,139 11,139 11,149 11,141 31,400 10,400 11,141 11,141 11,141 11,141 11,141 11,141 11,141 11,141 11,141 11,141	DONEGAL	45.62	61.00	30.17	17,36	17.28	15.41	11.47	24.93	JAD SNCO
29.91 69.67 29.28 16.51 16.51 16.51 16.51 16.52 16.52 16.52 16.52 16.52 16.52 17.18 17.18 17.26 22.75 26.01 66.02 26.59 15.27 15.24 15.24 17.18 17.18 22.76 22.76 22.76 22.76 22.76 22.76 22.76 22.76 22.76 22.76 22.	LEITRIM	20.04	64.67	30.43	15.56	16.26	16.74	11.92	20.80	LFITFIX
26,01 26,12 26,12 26,12 26,12 26,12 26,12 26,12 26,14 26,14 26,14 26,14 26,14 26,14 26,14 26,14 <td< td=""><td>SL1G0</td><td>29,91</td><td>19.69</td><td>29.28</td><td>16.51</td><td>16.27</td><td>10.85</td><td>12.6R</td><td>23,75</td><td>51.100</td></td<>	SL1G0	29,91	19.69	29.28	16.51	16.27	10.85	12.6R	23,75	51.100
28.40 61.71 26.50 15.27 15.40 17.18 27.13 27.14 27.14 27.18 27.19 27.18 27.19 27.18 27.19 27.18 27.18 27.18 27.18 27.18 27.18 27.18 27.18 27.18 27.18 27.18 <td< td=""><td>GALWAY</td><td>26.93</td><td>62.82</td><td>28.51</td><td>15,82</td><td>14.95</td><td>17,35</td><td>11.72</td><td>22,85</td><td>GALWAY</td></td<>	GALWAY	26.93	62.82	28.51	15,82	14.95	17,35	11.72	22,85	GALWAY
26.34 0.1.44 22.00 16.54 15.21 15.98 9.49 23.17 26.34 0.2.06 22.00 16.54 15.22 15.62 17.78 12.53 23.89 36.53 0.2.06 28.73 15.29 15.62 17.78 12.53 23.89 36.53 0.2.06 28.11 20.48 14.43 15.43 19.99 23.93 11.87 37.37 0.2.59 12.45 14.43 15.43 10.38 23.93 11.87 38.11 6.0.66 28.69 12.49 14.20 16.68 11.75 22.39 17.13 34.84 57.14 57.15 14.30 15.60 18.65 23.93 17.75 11.75 22.93 17.17 22.93 17.17 22.93 17.17 22.93 17.17 22.93 17.17 22.93 17.17 22.93 17.14 18.93 22.13 17.14 18.93 22.13 17.14 18.93 22.93 17.14	MAYO	26.01	60.01	26.59	15,27	15.49	17,18	12.69	21.43	MAYU
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	CLARE	28.42	61.74	26.00	16.54	15.21	16.98	0.49	21.77	34411
34,73 66,36 27,46 15,29 15,26 17,78 12,53 23,47 13,67 66,36 23,47 15,29 15,29 17,78 12,53 23,47 13,67 <th< td=""><td>MERICKBO</td><td>50.30</td><td>62.66</td><td>28.66</td><td>17.89</td><td>21.34</td><td>21.13</td><td>9.38</td><td>29.18</td><td>CIMEPICKED</td></th<>	MERICKBO	50.30	62.66	28.66	17.89	21.34	21.13	9.38	29.18	CIMEPICKED
34.17 60.38 24.14 14.46 10.98 14.70 13.70 13.70 13.30 <th< td=""><td>DEFICACI</td><td>36.53</td><td>64.52</td><td>25.73</td><td>15.29</td><td>15.62</td><td>17.78</td><td>12.53</td><td>23.89</td><td>LIMERICKU</td></th<>	DEFICACI	36.53	64.52	25.73	15.29	15.62	17.78	12.53	23.89	LIMERICKU
37.17 62.75 26.31 1.0.48 24.78 1.3.11 81.27 27.10 27.10 27.10 27.11 81.27 27.11 27.27 27.11 31.27 27.27 31.28 32.39 31.27 31.28 32.39 31.27 31.28 32.39 31.27 31.28 32.39 31.27 31.28 32.39 31.27 31.28 31.27 31.28 31.27 31.28 31.27 31.28 31.27 31.28 31.27 31.28 31.27 31.27 31.28 31.27 <	PPEKAKIN	34.72	60,30	27.46	14.46	16.98	18.76	13.09	23.62	TIPPEPAPYN
1.00 1.00	CORRECT	34.15	66.38	28.11	20.48	24.78	23.11	64.6	30.27	108880F
1.00 1.00	2000	7.7.	67.70	16.07	07.61	1/•18	18.32	10,38	73,53	51400
38.11 57.15 72.15 11.34 11.34 11.34 11.35 11.17 72.27 11.34 11.34 11.35 11.17 72.27 11.34 11.36 20.81 13.56 20.11 11.39 13.56 20.81 13.56 20.11 11.39 20.32 11.39 20.33 12.80 20.11 11.36 12.80 20.32 12.80 20.32 12.80 20.32 12.80 20.32 12.80 20.33 12.80 20.32 12.80 20.32 12.80 20.33 12.80 20.32 12.80 20.32 12.80 20.32 12.30 00.44 42.44 52.32 20.44 12.80 20.31 10.02 30.32 00.48 42.32 20.32 10.48 42.44 30.37 10.28 20.32 10.48 42.44 30.37 10.28 30.37 10.28 30.37 10.28 30.32 10.48 42.42 42.42 10.48 10.48 10.48 10.48 10.48 10.48 <td< td=""><td>30104</td><td>31.00</td><td>40</td><td>28.82</td><td>15,45</td><td>14.43</td><td>15.43</td><td>9.10</td><td>27.01</td><td>H de la la</td></td<>	30104	31.00	40	28.82	15,45	14.43	15.43	9.10	27.01	H de la
4.6.4 59.85 25.27 16.37 15.59 20.81 13.56 24.47 34.84 59.85 25.27 16.37 16.58 20.81 15.50 24.47 37.85 60.56 24.69 22.11 15.78 20.34 30.17 42.44 73.02 28.98 22.15 11.67 10.28 10.39 42.44 73.02 38.62 22.44 31.69 30.17 10.09 31.79 42.44 73.02 28.75 22.44 31.69 30.17 10.09 31.79 42.00 66.49 22.15 11.09 17.79 10.09 31.79 42.00 66.40 38.72 10.09 30.17 10.09 31.71 48.80 55.20 23.12 19.05 20.48 30.17 10.29 31.84 47.05 59.93 23.12 11.42 11.75 11.71 10.29 31.84 47.15 59.93 23.12 11.42	KTI KENDA	70.00	11.70	77.77	14.4	14./1	14.15	11.75	22.29	MOTANO.
58.63 61.30 26.98 20.11 23.95 21.34 9.65 20.11 42.44 54.25 24.60 16.98 20.31 12.98 20.32 21.34 9.65 20.33 20.35 20.34 30.26 42.39 42.44 31.59 30.26 30.27 30.26 30.27 30.26 30.27	PPFBARYS	34 84	20.00	75.37	14.20	94.01	200	12.80	24.67	2 X 2 4 4 1 0 0 1 1 1
17.32 60.56 24.60 16.99 17.28 20.32 12.38 23.40 MATRE 45.42 22.15 13.67 16.08 17.78 13.90 23.32 ME 46.49 38.62 28.64 30.27 10.29 38.42 10.09 38.43 MINI. 64.68 20.64 30.27 10.29 38.42 10.09 38.44 10.09 38.42 10.00 38.42 10.	TERFORDS	58.63	0.19	26.02	20 11	10.04	21.02	3.30	74.14	31444444
42.44 54.22 22.15 13.67 16.08 17.78 13.90 23.32 ME 42.06 66.49 38.62 28.44 31.69 31.89 10.00 33.60 40.49 38.62 28.44 31.69 30.26 10.09 33.50 10.00 66.49 38.62 28.44 31.69 30.17 10.28 32.52 NUR 46.80 55.27 21.14 14.95 22.66 19.52 17.71 10.28 32.52 NUR 46.07 59.93 25.21 19.05 20.17 17.71 10.28 32.52 NUR 46.07 59.93 25.51 19.05 20.17 17.71 12.29 26.54 MJ 47.15 10.00 33.11 10.00 33.11 10.00 33.11 10.00	TERFOROC	37,32	60.56	24.60	16.90	17.28	20.02	12.38	23.95	TERRITORS:
BOR 64.48 73.02 38.28 27.44 31.69 30.26 10.09 38.43 DIPLIAN 12.00 58.75 20.16 17.17 22.65 22.83 20.14 22.85 20.15 22.85 20.15 22.85 20.15 22.85 20.15 22.85 20.15 22.85 20.15 20.15 20.15 20.17 20.25 20.15 20.15 20.15 20.15 20.15 20.15 20.17 20.25 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.16 20.15 20.16 20.15 20.16 20.15 20.16 20.16 20.16 20.15 20.16 20.16 20.16 20.16 20.16 20.16 20.16 20.15 20.16 20.16 20.16 20.16 20.16 20.16 20.16 20.15 20.16 20.16 20.16 20.16 20.16 20.16 20.16 20.15 20.16 20.1	WEXFORD	42.44	54.22	22,15	13.67	16.08	17.78	06.61	23.32	MEXFOR
Name	UBLINBOR	64.48	73.02	38.28	27.44	31.59	30.26	10.09	38.43	DUBLINGDE
NEC 43.82 58.75 20.16 11.17 22.66 22.83 9.83 26.32 DUB	UNLAGIRE	42.00	66.49	38.62	28.85	33,58	30,17	10.28	32.52	DUNI, AOTHE.
ARE 48 80 55.27 21.14 14.93 15.75 17.17 12.72 25.66 KT ATH 48 80 55.27 21.14 14.93 15.75 17.17 12.72 25.66 KT ATH 46.07 59.93 25.01 15.96 17.59 20.17 14.73 26.54 HI 46.07 17.59 20.15 17.59 20.15 HI 47.33 HI 47.33 HI 47.15 46.27 26.54 HI 47.15 46.27 46.57	DUBLINCO	43.82	58.75	20.16	17.17	22.66	22.83	4,83	26.32	DURLINCO
LUN 47,05 57,65 23,12 19,05 20,86 19,52 10,73 26,33 WI VAN 46,07 59,93 23,12 18,06 15,46 14,67 18,57 14,03 26,54 VAN 46,07 59,93 23,11 15,46 14,67 18,50 17,13 22,93 HA 47,15 46,07 18,40 18,40 17,12 31,18 40N OIS 36,28 24,11 14,42 18,40 17,82 12,15 21,15 10,03 ALY 30,40 57,79 22,66 14,59 14,45 18,45 10,25 23,15 10,00 ALY 30,40 57,79 22,66 14,59 14,45 18,45 18,45 10,00 ALY 45,62 27,79 14,98 13,87 18,70 12,29 20,28 RRISC ALY 45,62 46,00 10,27 18,45 18,45 18,45 11,12 22,29 <td>KILDARE</td> <td>48.80</td> <td>55.27</td> <td>21.14</td> <td>14.93</td> <td>15.75</td> <td>17.17</td> <td>12.72</td> <td>25.66</td> <td>KILOAPE</td>	KILDARE	48.80	55.27	21.14	14.93	15.75	17.17	12.72	25.66	KILOAPE
ALT 46.07 59.93 25.01 15.96 17.59 20.17 14.73 26.54 UTH 66.045 64.72 28.90 15.46 14.59 20.17 14.73 26.54 UTH 60.45 65.20 29.08 23.11 25.01 22.37 10.22 31.86 OIS 36.28 58.88 24.11 14.50 14.37 17.82 12.28 23.15 40N ORD 30.84 60.61 25.18 14.50 14.37 17.82 12.28 23.15 40N ALY 39.40 57.79 22.66 14.50 15.45 18.65 23.73 40N ALY 39.40 57.79 22.66 14.50 15.45 18.65 23.73 40N ALY 39.40 57.79 14.90 15.45 18.70 12.28 23.73 40N ALY 39.40 57.79 16.87 16.87 14.08 24.97 46.97	WICKLOW WICKLOW	47.05	57.65	23.12	19.05	20.86	19.52	10.73	26,33	*:::::::::::::::::::::::::::::::::::::
VAR 44.72 28.90 13.46 14.67 11.57 13.03 22.90 VAR 65.20 28.90 23.11 22.47 18.67 11.65 13.03 22.90 USE 65.20 29.08 23.41 14.42 18.66 18.47 10.21 27.27 10.21 27.27 OIE 36.28 60.41 24.41 14.42 18.66 18.47 10.21 27.27 10.21 27.27 10.21 27.27 10.00 27.45 14.42 14.42 16.44	REALM	10.04	59.93	25.01	15.96	17.59	20.17	14.73	26.54	H A TH
HAN 47.15 70.45 24.18 22.41 22.41 10.22 31.86 MAY 536.28 88 24.11 14.42 14.94 18.40 15.55 27.27 MAY 7.15 56.26 14.59 14.37 17.82 31.86 MAY 39.40 57.79 22.66 14.59 18.43 13.65 23.15 MAY 38.74 62.26 25.84 16.49 15.87 17.82 13.65 27.79 MAY 45.62 61.00 30.17 17.36 17.28 15.41 11.47 24.93 MAY 45.62 64.01 27.78 15.60 15.19 17.27 17.89 22.71 MAY 65.62 64.01 27.78 15.60 15.19 17.27 17.89 22.71 MAY 45.62 64.01 27.78 15.60 15.19 17.27 17.89 22.71 MAY 45.62 64.01 27.78 15.60 15.19 17.27 17.18 22.71 MAY 45.62 64.01 27.78 15.60 15.19 17.27 17.18 22.71 MAY 45.62 64.01 27.78 15.60 15.19 17.27 17.18 22.71 MAY 45.62 66.65 16.19 10.27 18.70 12.38 22.71 MAY 45.62 66.65 16.19 10.77 17.18 17.17 17.18 22.71 MAY 45.62 66.65 16.19 10.77 17.18 17.17 17.18 22.71 MAY 45.62 66.65 16.19 10.77 17.18 17.17 17.18 17.17 17.18 MAY 45.62 64.01 27.78 15.60 15.19 17.27 17.18 22.71 MAY 46.89 26.41 17.18	# # # # # # # # # # # # # # # # # # #	34.22	64.72	28.90	15.46	14.67	18.57	13.03	22.99	2 4 A
Main	HIDOT	00.43	65.20	29.08	23.11	25.01	22.37	10.22	31.86	11011
ALY 39.40 57.79 22.66 14.50 15.45 18.63 13.65 23.73 10.00 ALY 39.40 57.79 22.66 14.50 15.45 18.63 13.65 23.73 17.84 ALY 39.40 57.79 22.66 14.50 15.45 18.63 13.65 23.73 17.85 ATH 38.74 62.56 25.84 15.48 15.41 11.47 12.29 20.28 RRSS ATH 38.74 62.50 30.17 17.36 17.28 15.41 11.47 24.93 DT EST 26.53 64.01 22.78 16.19 10.27 18.70 12.38 22.71 NODT EST 40.82 64.31 27.43 16.85 18.79 0.83 22.71 WIND TABLE	NACARON P	00.74	# 0 · 0 · 0	96.97	74.07	18.	24.81	17.15	17.12	MARCH N
ALY 39.40 57.79 22.66 14.50 15.45 18.67 13.65 23.28 R R 38.74 62.26 25.84 16.48 10.87 18.92 14.08 24.97 M	LONGFORD.	97.06	38.88	75 10	74.41	4.	20.0	00.01	23.13	01041
ATH 45.62 61.29 27.99 14.20 15.45 17.28 15.49 15.49 15.49 15.49 15.49 15.49 15.49 15.49 15.49 15.49 15.49 15.49 17.27 17.29 24.97 17.29 24.97 17.29 24.97 17.29 22.71 17.29 22.71 2	V. I. S. P. C.	10.00	10.00	97.00	V	\C.*!	79.7	97.71		A LA SEC
ATH 38.74 62.26 25.84 16.48 10.87 18.02 14.08 24.07 CAL 45.62 61.00 30.17 17.36 17.28 15.41 11.47 24.93 EST 28.61 68.21 29.65 16.19 10.27 18.70 12.38 22.71 EST 26.53 64.01 27.78 15.60 15.19 17.27 17.18 22.71 EST 40.82 64.31 27.48 16.85 18.59 18.41 11.12 24.41 EST 40.82 64.31 27.45 16.85 18.55 18.97 17.81 24.41 EST 40.89 66.45 30.64 27.40 10.84 11.31 24.30 84.30 AD 49.09 66.53 28.91 18.07 18.16 27.40 11.31 29.47 AD 30.41 30.64 20.18 27.40 10.84 27.41 27.40 10.84 27.41 <tr< td=""><td>OSCOMMON</td><td>23.51</td><td>65.50</td><td>20.77</td><td>14.30</td><td>0.00</td><td>10.03</td><td>13,00</td><td>20.00</td><td>NOMBOUNDE</td></tr<>	OSCOMMON	23.51	65.50	20.77	14.30	0.00	10.03	13,00	20.00	NOMBOUNDE
CAL 45.62 61.00 30.17 17.36 17.28 15.41 11.47 24.93 DORD EST 28.61 68.21 29.65 16.19 1b.27 18.70 12.38 22.71 NORT EST 26.53 64.01 27.78 15.60 15.19 17.27 17.18 22.71 NORT EST 40.85 64.01 27.78 16.04 16.93 18.70 17.27 24.41 MIST EST 40.85 64.31 27.43 16.04 16.93 18.70 9.83 22.71 MIST A0.59 58.72 27.64 16.84 18.70 17.81 27.10 10.74 37.11 27.10 37.11	ESTWEATH	38.74	62.26	25.84	16.48	16.87	18.92	14.08	24.97	WESTHFATH
45.62 61.00 30.17 17.36 17.28 15.41 11.47 24.93 DRR 28.61 68.21 29.65 16.19 10.27 18.70 12.38 22.71 NORTY 28.61 68.21 29.65 16.19 10.27 18.70 12.38 22.71 NORTY 27.38 17.36 65.53 64.01 27.43 15.60 15.19 17.27 17.29 22.71 NORTY 27.36 65.31 27.43 16.85 18.70 17.18 22.71 NORTY 27.36 65.31 27.43 16.85 18.55 18.70 17.18 24.41 MIT 27.41 11.12 24.41 MIT 27.41 11.12 27.43 16.85 18.55 18.70 17.81 24.41 MIT 27.41 11.12 27.43 18.55 18.55 18.70 17.81 24.41 MIT 27.41 11.12 27.43 18.51 17.54 16.84 18.70 17.81 24.41 MIT 27.41 17.41	GIONS									
28.61 68.21 29.65 16.19 10.27 18.70 12.38 22.71 NORTY 25.53 64.01 27.78 15.60 15.19 17.27 12.38 22.71 NORTY 27.38 64.01 27.43 15.60 15.19 17.27 17.29 22.71 NORTY 27.38 22.71 NORTY 27.39 22.71 NORTY 27.30 28.72 24.41 11.12 24.41 NORTY 27.40 27.00 10.81 27.10 NORTY	DONEGAL	45.62	61.00	30.17	17.36	17.28	15.41	11.47	24.93	DONEGAL
26.53 64.01 27.78 15.60 15.19 17.27 17.18 22.27 411 412 40.82 51.35 64.31 27.48 16.85 18.59 18.70 9.83 18.70 9.70 9.83 18.70 9.83 18.70 9.83 18.70 9.83 18.70 9.83 18.70 9.83 18	ORTHWEST	28.61	68,21	29.65	16.19	16.27	18.70	12,38	22,71	NORTHWEST
37.36 62.54 26.86 16.04 15.93 18.41 11.12 24.41 WING CO. 22 64.31 2.44 16.85 18.55 18.70 0.83 25.10 50UT CO. 22 64.31 2.44 16.85 18.55 18.70 0.83 25.10 50UT CO. 22 64.53 15.54 16.84 18.77 17.81 17.81 24.10 50UT CO. 23.26 27.44 27.44 27.00 10.86 17.51 24.70 49.09 66.53 28.91 20.18 27.18 27.04 11.71 24.07 WING CO. 24.48 64.87 28.91 25.07 15.18 18.31 18.31 27.28 WING CO. 25.08 26.33 28.31 18.31 27.32 WING CO. 25.08 26.33 26.33 26.34 WING CO. 25.08 26.33 26.34 WING CO. 25.08 26.34 26.34 WING CO. 25.08 WING	MEST	26.53	64.01	27.78	15.60	15,19	17.27	17,18	22.71	WFST
40.82 64.31 22.43 16.85 18.55 18.79 9.83 25.10 SNITT 40.89 58.72 24.53 15.54 16.84 18.97 12.81 24.50 SNITT 56.46 67.67 30.64 22.24 27.49 18.97 12.81 24.50 49.09 66.53 28.91 20.18 21.14 27.04 11.71 24.07 16.14 18.15 18.14 17.1 24.07 16.14 18.17 24.07 16.18 18.14 18.17 24.07 16.18 18.14 18.17 24.07 16.18 18.14 18.17 24.07 16.18 18.14 18.17 24.07 16.18 18.14 18	MIDWEST	37.36	62.54	26.86	16.04	16.93	18.41	11.12	24.41	MIDWEST
40.59 588.72 24.53 15.54 16.84 18.97 17.81 74.30 50UT 45.46 6.457 30.64 23.28 27.18 27.00 10.81 31.31 49.09 66.53 28.91 20.18 27.18 27.00 11.71 24.07 90.87 34.12 60.91 20.01 15.07 15.18 18.31 33.81 81.83 44.88 64.87 28.81 19.69 20.38 24.38 81.39 9888	CUTHWEST	40.82	64,31	27.43	16.85	18,55	18.79	£ 8°0	25.10	SOUTHWEST
20.40 20.51 20.54 20.18 20.18 20.18 20.18 20.18 30.18 30.41 3.71 31.71 30.07 30.48 3	UUINEADI	40.59	58.72	24.53	15.54	16.84	18.67	12.81	24.30	TSA 1ETUCS
34.12 60.91 20.01 15.07 15.15 15.37 15.37 15.37 44.89 64.97 20.59 20.79 20.79 20.79 20.79	TENET TENET	00.00	10.10	40.05	23.26	27.4	27.00	10.36		-
44.88 44.97 30.75 40.09 30.75 44.89 94.79	MIDLANDS	34.12	60.00	20.02	1.0.2	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -			****	#101.4HD#
· 计一定分析 放射的神经 丁铁矿铁铁 医水中尿镜 计影响影响 计原中接接 计多分钟表 医医子宫室	47.474	** **		i	4	4	ě	**	44	25.54
					***			11533		2000年を基本

Estimated labour force by county and region, by age group, all persons 1979

POPULATION			54610 SLIGO	_		_																	_									S9885 AESTMEATH			TARKETOCK AAACO					166788 SOUTHEAST		
ALLAGES	42.40	10.26	19,51	58.65	39.46	29.43	21.89	34.53	20.83	51.24	91.36	41.92	13.44	24.RO	26.60	12.45	19,26	33,23	233.19	20.90	130,82	35,13	29.83	32.90	20,14	32.6R	19.12	17.4R	10.84	20.15	19.18	21.14		42.40	9 0 0	11.00		106.70	184.53	129.RO	482.7R	
AGEDOVR65	2.77	1.01	1.42	4.10	3.58	1.71	0.52	1.59	1.1	1.06	4.21	2,38	0.56	1.15	1.29	0.27	0.81	1.65	5.57	H9.0	1.93	06.0	66°U	1,34	1.41	78°C	1.01	98.0	6.73	٠. -	1.74	80°0		77.6		7 7		4.34	7.06	5.74	11.53	3 16.
AGEP5564	5.56	0 4.	2.69	7,32	5,95	3.H7	2.10	4,32	2.74	4.00	11.30	ē.	1.40	3,13	3,53	1,15	7.37	3.84	25.20	2.50	4.42	1.20	3.112	3.52	7.04	3,55	2,35	7.33	1.55	2.16	3.13	7.47		e e	52.			14.04	27.10	₹v•'3	44. SR	20.00
ACT 04554	5.86	1.61	2.90	P.12	ت ش س	4.17	£ !	4.17	3.72	7.12	(J. 5.)	1.21	1.92	3,53	C.1.	1.70	2.15	4.71	34.55	3.53	11 . 42	7= 7	40.4	٠٤. ١	3.12	4.4.4	c	65.5	1.62	3.02	3.13	3.13		a.	7		9 8	7	76.81	11.73	14.71	0.5
AGF D3544	4.87	1.55	2.95	9.43	۲.00	20.02	C .	5.85	3,25	و• 1 ن	1: , 37	1.	5.19	3.92	4.0	7.13	3,34	ټ ن	33,91	3,59	27,43	Eu• -	5.43	۲,87	2.90	6.5.5	7.91	2.72	1.68	± + €	2.07	3,36		13.87	3	77 4		F) • / - /	36,55	21,36	€2,00	= = =
AGE1)2534	10,25	2.14	4.50	14.14	. S.	7.55	4.1	ж.	4.84	11,55	23,73	10,11	3.28	61.4	1, 22	ე€	58°-	7.86	4.9.20	÷.	42.26	\$6.0	3°.65	ж	4.41	₽. ₽.	94.4°	3,90	2,56	3.44	3.05	٤,٢٦		16.225	17.4	54.63	· · ·	12.72	66.0	31.05	122. tt	10.05
AGI D2024	(,26	1.47	3.17	10.01	6.29	4.37	4.29	5.57	3.44	16,37	14.33	t. 70	2,36	4.11	4.30	2.27	2.99	٠٤٠	45.60	٠ *	21, 32	, o.	1.7.	ų, M	3,41	5.67	3,19	70°C	c ••• •••	3,33	2 . 7	3.14		ć.		-		2)?.	21.41	5.0° € 08.	12.09
AGEN1519	4.79	0.77	1.80	5.45	3.31	2.52	3.27	64.6	2.20	7.51	6.39	3.75	1.71	2.80	3.64	2,13	2.12	4	35,88	2.24	13,00	4.62	3.48	4.0.7	2.03	4.54	2.37	Ξ .•	1.03	7.50	1.53	2.46		4.79	2.57	8.7¢		• · · · · · · · · · · · · · · · · · · ·	20.07		63.53	0 x 0
COUPTIES	DONEGAL	LEITRIM	\$LI60	GALWAY	MAYO	CLARE	LIMERICKSO	LIMERICACO	TIPPERARYN	CORKBOR	CORKCO	KERRY	CARLON	KILFENNY	TIPPERAPIS	WATERFORDS	WATERFORDS	FEXFORD	DUBLINGOR	DUNLADIRE	CUELINCO	FILDARE	WICKLO.	WEATH	CAVAK	LOUIN	MONAGIIAM	1.A01S	LDNGFORO	OFFALL	ROSCOMEDN	FESTWEATH	REGIONS	DONEGAL	MORTHWEST	E.E.S.T	MIDLECT	TO THE PERSON	SOUTHERN	SUCTREASI	EAST	MORTHEAST

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Note: Data include first job seekers.

Table C.3 Projected labour force by county and region, by age group, all persons, 1986: assumption I on external migration, assumption A on activity

					8					
COPETIES	AGED1519	AGE1-2024	AGE1:2534	AGI 1:3544	ACI 1 4554	AGED5564	AGEDOVR65	ALLAGES	PUPPLATION	
DONEGAL	4.91	7.62	11.26	86.4	5.88	4.49	2,55	45.92	132120	I TO I NEW
LEITRIM	0.64	1.46	2.42	1.76	1.42	1,25	0.87	98.6	2689E	MINITED IN
SL1 G0	1.60	3.51	5,23	3.86	2.64	2,33	1.29	20,53	57574	St.16
CALWAY	5,13	10.40	17,19	12.12	6.,16	6.36	3.82	63,21	180385	GALWAY
CXVX	2.80	t.33	10.08	7.58	5.37	4.73	3,24	40.15	115682	. K V .
CLARE	7.59	65.6	06.4	4 . bb	4,33	3,38	1.60	32.07	9294P	E T
LIMENICABO	2.73	4.55	96.	3.92	6.0	2.(18	0.47	22.75	61226	LIMERICAR(
TIDDEFOADVE	70.	2 2 4	0.00	2 -		5	1.52	38.47	107700	CIMEN DEC
CORKROR		0.01	0.00	7 0 0 0	7.00	4.39	1.02	22.50	90004	TIPPERARY
CORKID	61-6	17.27	25.57	21.76	13.25	0	96 8	100 47	363496	CCRREDO
KERRY	3.46	7.28	11.15	P. 59	, L	4 B2	2.23	05.54	125276	(A0.34
CARLOW	1.62	2.19	3,85	2.76	1.87	1.34	0.50	14.65	41922	0.1940
KILKEHNY	2.66	4.70	96.9	5.22	3,36	2,82	1.09	26.89	75011	FILKENN
TIPPERARYS	2.57	5,42	7,15	5.26	3.66	3,15	1.18	28.43	78780	LIPPERARYS
WATERFORDS	2.17	3,11	3,37	2.50	2.19	1.32	0.28	14.97	38013	WATERFORM
#ATERFOROS	1.97	3.52	4.	4,65	2.60	1.92	0.67	19.61	55487	WATEHFIPD(
DEST TREES	57.4	6.41	£	66.9	4.77	3.59	1.49	36,15	103538	MEXECR
Digital attack	1, 31	37.78	55.77	33.65	26.85	22.9R	88	211,44	487575	DUBL I NED
DUBLIED		20.0			10° C	7.3	09.0	21.11	53637	OPALABIR
KILDARE	2.5	7.7	10.03	77.54	63.04	14.1	97.7	180.52	533112	0.08L18CO
FICKLON	3.77	5.93	6.62	7-72	4	2.93	60.0	34.58	00455	30,3043
MEATH	4.50	1.87	06.6	8.22	4.72	3,37	1.33	38.93	107683	HEAT
CAVA	1.70	3.36	5.00	3,55	2.64	2.43	1.26	20.02	532FR	AVAN
LOOT	4.73	f . 29	R.7R	7.05	4.59	3,30	0.RR	35.63	93866	LOUT
MONAGHAN	2,14	3.62	5.02	3.77	2.46	2.1.5	0.95	20.03	53409	MONAGHA
LAUIS	E 6	3,64	4.71	3.37	2.36	2.17	0.82	18.93	43427	1.4015
UNU 1000	76.0	2.02	2.82	2.14	1.47	1.27	0.68	11.36	32243	LONGFOR
TOR LONG	7.19		5.27	3.87	C :	2,33	0.07	21.66	6.05.67	OF FAL
WESTHEATH	2.23	4,35	6.01	4.95 9.05	2.97	2.30 2.30	0.88	23.11	5451/	AUSCHAFATH
REGIONS										
DONEGAL	4.91	7,62	11.26	86.8	8# 6	4.60	2.55	45.92	132120	DONEGAL
NORTHWEST	2.24	5.02	7.66	5.62	4.07	3,59	2.16	30.40	04.170	NOP THES
WEST	7.93	16.73	27.28	19.71	13,54	11.09	7.06	103,36	296067	TS 3M
MIDWEST	10.89	20.43	29.21	22.71	15.24	11.67	4.62	114.R0	3214+∺	M112FF
000111100	66.51	34.88	50.93	38,25	26.49	10.55	7.13	197.75	547341	SOUTHWEST
EAST	61.53	45.67	34.80	104 13	18.4F	14.17	5.23	140.74	156804.	Shirthead
NORTHEAST	6.5R	13.28	18.87	14.37		7.7	~	2. 70	2.00.4.1	THE BRADEN
MIDLANDS	8.61	17,33	23.57	17.11	15.32	10.55		4.4	764.147	# Itt A who
BTATE	139.05	235,23	343.53	350.76	176.14	130.45	41,44	1332, 25	1441441	****
		•			and definition of the same and the same			1		

Projected labour force by county and region, by age group, all persons, 1991: assumption I on external migration, assumption A on activity

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0.50 1.75 12.39 10.12 6.79 4.39 7.39 <	1.55 1.75 1.2.39 10.12 6.79 4.39	1.75 12.39 10.12 6.79 4.39 7.38 4.30 6.28 13.089 1.20 1.2	COUNTIES	AGED1519	AGED2024	AGE1/2534	AGED 3544	AGED 4554	AGED 5564	AGEDBIVERS	4		
1.50 1.7.	1.55 1.70 1.74 10.12 10.12 1.79 1.70	1.55	142	2		:				200	ALLAGES	POPULATION	
5.54 1.98 1.38 1.09 1.77 6.81 1.09 1.77 6.81 1.09 1.77 6.81 1.09 1.77 6.81 1.09 1.01 1.09 <td< td=""><td> 1.05 </td><td> 1.55 1.20 2.55 1.98 1.38 1.09 1.77 1.52 1.58 1.59 </td><td>3 7</td><td>0.0</td><td>67.</td><td>12,39</td><td>10.12</td><td>6.19</td><td>4.39</td><td>2.38</td><td>40 00</td><td></td><td></td></td<>	1.05 1.05	1.55 1.20 2.55 1.98 1.38 1.09 1.77 1.52 1.58 1.59	3 7	0.0	67.	12,39	10.12	6.19	4.39	2.38	40 00		
2.22 10.28 5.74 4.46 5.83 5.09 1.19 2.175 2.19 2.175 2.19 2.175 2.19 2.175 2.19 2.175 2.19	5.7.2 10.38 5.74 4.46 5.83 5.09 1.19 2.17 2.19 2.19 2.19 2.19 2.19 2.19 2.19 2.19 2.19 2.11 2.19 2.11 2.19 2.11 2.19 2.11 2.19 2.11 <	5.7.2 10.38 5.7.4 4.46 5.83 1.19 5.71 2.19			1.20	2.52	1.98	1.38	1.00	77		_	DONEGAL
2.72 56.24 16.26 14.24 5.12 4.24 5.12 5.12 5.24 5.25	2.77	2.71 5.08 18.26 5.68 7.50 6.71 5.98 2.72 5.17 8.00 7.50 4.82 7.50 4.71 5.78 4.71 5.78 4.71 5.78 4.71 5.78 4.71 5.78 4.72 5.71 18.85 5.74 4.72 5.74 4.73 5.74 4.73 5.74 4.73 5.74 4.73 5.74 4.73 5.74 4.73 5.74 4.74 5.74	3 :	60.1	3.28	5.74	4.46	2.83	2.09		70.6	_	LEITRIM
2.71 5.28 10.56 6.68 5.68 7.75 4.75 1166.7	2.71 5.28 10.56 6.68 5.68 4.28 7.50 46.51 1166.7 46.71 1166.7 46.71 1166.7 46.71 1166.7 46.71 1166.7 46.71 47.71	2.77 2.77 2.78 2.79 2.79 2.79 2.79 2.79 2.79 2.79 2.79	¥ :	2.72	10,33	18,26	14.24	6-12			71.16	_	SLIGO
2.84 5.37 6.40 7.50 4.82 7.70 40.36 116. 40.36 116. 40.36 116. 40.36 116. 116. 40.36 116.	2.87 5.37 6.40 7.55 7.60 7.55 7.60 7.55 7.60 7.55 7.60 7.55 7.60 7.60 7.50 7.60 <td< td=""><td>2.85 5.37 6.40 7.55 6.48 7.48 7.48 7.48 7.48 7.48 7.48 7.48 7</td><td>0</td><td>2.71</td><td>5.28</td><td>10.56</td><td>9</td><td>4</td><td>•</td><td>£0.4</td><td>46.71</td><td>_</td><td>GALWAY</td></td<>	2.85 5.37 6.40 7.55 6.48 7.48 7.48 7.48 7.48 7.48 7.48 7.48 7	0	2.71	5.28	10.56	9	4	•	£0.4	46.71	_	GALWAY
2.54 4.25 6.40 4.25 6.40 4.27 1.51 34,79 94,80 2.65 3.59 1.57 1.61 3.59 1.42 41,37 114,22 11,42 11,27	2.54 4.25 10.81 9.40 9.40 10.81 10.8	2.54 4.22 6.40 4.40 5.03 1.91 0.41 0.41 0.41 0.41 0.41 0.41 0.41 0.4	ñ	2.82	5,37	8.90	7.50	4 4	97.	96.7	40.36		MAYO
1.66 3 10.6 10.4 10.4 10.4 10.4 10.4 10.4 10.4 10.4	1.86	1,96 0.45 0.65 0.25 0.25 0.45 0.47	2	2.54	4.25	6.40	4 40	70.	C7*C	1	34.09		CLARK
1.96 3.59 5.76 4.51 2.94 2.155 1.42 2.151 1.43 2.151 1.44 2.151 2	1.96 3.59 5.76 4.51 2.94 2.15 0.94 1.42	1.96 3.59 5.76 4.51 2.94 2.15 1.42 2.15	ස	3,83	6.63			50.0		0.47	73,07		LIMEDICKON
5.96 19.77 15.02 14.31 7.24 4.15 0.98 17.03 17.04 15.02 17.03 17.04 15.02 17.04 15.02 17.03 17.04 17.	1, 2, 3, 1, 1, 1, 1, 2, 3, 1, 1, 3, 1, 2, 3, 4, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1, 2, 3, 4, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	ž	1.96		70.2	3.40	58.0	3.55	1.42	41.37		
10.27 17.44 25.02 10.33 15.18 4.67 6.40 4.51 10.20	10.27 17.44 18.04 10.33 17.20 4.26 17.20 4.26 17.20	11/2 17-7	4	9		0 0	10.4	2.94	2.16	#6°0	21.92		DIPERICE OF THE PERIOD OF THE
3.49 1.05 28.24 15.18 9.29 3.72 10.75 3.00408 3.49 1.05 2.67 4.21 3.24 2.03 1.22 0.45 10.75 3.00408 2.72 4.61 2.65 4.65 3.83 1.25 1.05 2.63 1.15	1.00	1.40	2			10.02	10,33	7.20	4.67	00-0	00 94		THERENAL
1.00	1-66 2-67 11-69 9-74 6-40 4-40 2-75 4-40 17-75 310-60 1-65 4-40 17-75 310-60 1-65 4-40 17-75 310-60 1-65 4-40 17-75 310-60 1-65 3-74 3	1.69 2.74 4.61 1.69 9.74 6.40 4.50 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 4.61 1.65 1.65 4.61 1.65 1.65 4.61 1.65 4.61 1.65 4.61 4.65 4.61 4.65 4.61 4.65 4.61 4.65 4.65 4.65 4.61 4.65		7.07	17.64	28.24	23.46	15.18	9-20				COPKBOR
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2.65 4.43 8.10 5.37 3.83 2.52 1.05 27.42 1.105 27.32 1.005 27.42 1.105 27.32 1.005 27.42 1.105 27.32 2.13 1.105 27.43 2.106 3.106 </td <td>2.65 4.43 8.10 5.74 1.10 5.78.37 794.04 2.65 4.43 8.10 5.74 2.62 2.43 1.32 0.65 7.64 5.74 1.10 5.78.37 794.04 4.10 5.66 3.00 1.82 0.65 7.64 5.42 3.38 0.65 7.64 3.70 1.47 1.47 1.47 1.47 1.47 1.47 1.47 1.47 1.44</td> <td>2.65 4.43 6.179 6.174 3.873 2.552 1.105 20.137 1.0093 1.105 2.105</td> <td>>-</td> <td>2-72</td> <td>14.4</td> <td>2 2</td> <td>1 6</td> <td>60.7</td> <td>1.77</td> <td>0.4.0</td> <td>15,55</td> <td></td> <td>-01045</td>	2.65 4.43 8.10 5.74 1.10 5.78.37 794.04 2.65 4.43 8.10 5.74 2.62 2.43 1.32 0.65 7.64 5.74 1.10 5.78.37 794.04 4.10 5.66 3.00 1.82 0.65 7.64 5.42 3.38 0.65 7.64 3.70 1.47 1.47 1.47 1.47 1.47 1.47 1.47 1.47 1.44	2.65 4.43 6.179 6.174 3.873 2.552 1.105 20.137 1.0093 1.105 2.105	>-	2-72	14.4	2 2	1 6	60.7	1.77	0.4.0	15,55		-01045
1.85 2.74 3.74 2.74 1.14 2.93 1.14 2.93 1.14 2.93 1.14 2.93 1.14 2.93 1.14 2.93 1.14 2.93 1.14 2.93 1.14 2.93 1.14 <td< td=""><td> 1.85 2.81 3.74 2.63 3.87 2.74 1.14 2.93 4009</td><td> 1.85 2.81 3.74 2.63 3.87 2.74 1.14 2.93 40093 1.85 2.15 3.74 2.65 3.00 1.82 0.65 2.17 1.14 2.93 3.16 </td><td>v</td><td>2 4 5</td><td></td><td>80.</td><td>6.0</td><td>3.83</td><td>2,52</td><td>1.05</td><td>28.32</td><td></td><td></td></td<>	1.85 2.81 3.74 2.63 3.87 2.74 1.14 2.93 4009	1.85 2.81 3.74 2.63 3.87 2.74 1.14 2.93 40093 1.85 2.15 3.74 2.65 3.00 1.82 0.65 2.17 1.14 2.93 3.16	v	2 4 5		80.	6.0	3.83	2,52	1.05	28.32		
2.81 3.74 2.62 3.24 1.32 0.77 1.75 <td< td=""><td>2.10 3.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0</td><td>2.22 2.35 5.45 4.06 5.45 4.00 1.32 0.27 14.70 10.75 10</td><td></td><td></td><td>7</td><td>9.10</td><td>t.31</td><td>3.87</td><td>2.74</td><td></td><td>, ,</td><td></td><td>A LLAN. WAY</td></td<>	2.10 3.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.22 2.35 5.45 4.06 5.45 4.00 1.32 0.27 14.70 10.75 10			7	9.10	t.31	3.87	2.74		, ,		A LLAN. WAY
2.16 3.56 5.65 4.66 3.06 1.62 0.45 21.47 31.65<	2.16 3.56 5.55 4.66 3.00 1.82 0.65 71.51 13.76 18.75<	2.16 3.56 5.65 4.66 3.00 1.82 0.65 21.65 3.16 3.17.65 3.16 3.17.65 3.16 3.17.65 3.17.		1.65	2.81	3,74	2.62	2.13	- 33		75.7		TIPPERAFYS
4.16 6.40 9.66 7.64 5.75 3.78 1.42 1.42 1.42 1.43 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 4.73 1.44 1.44 1.44 1.44 1.44 1.44 1.44 1.44 4.73 1.44 1.44 4.73 1.44 4.73 1.44 4.73 1.44 4.73 1.44 4.73 1.44 4.73 1.44 4.73 1.44 4.73 1.44 4.73 4.74 4.73 4.73 4.74 <td< td=""><td>4.16 6.40 9.66 7.64 5.42 3.78 1.42 1.42 3.15 1.42 3.15 1.42 3.15 1.42 3.41 4.73 1.44.00 44736 4736 1.14 1.14 1.14 1.15 3.25 2.37 1.44 1.14 1.15 2.23 2.25 2.21.33 1.14 1.15 47.34 1.14 1.15 47.35 1.15 2.25 2.21.33 47.37 1.14 47.37 1.14 1.15 2.25 2.21 3.24 1.15 2.25 1.25 2.21 3.24 4.73 47.37</td><td>4.16 6.40 9.66 7.64 5.42 3.78 1.45 71.53 6180 2.2.4 35.91 44.85 3.19 26.30 20.78 4.70 14.40 433.65 2.1.36 3.96 3.19 3.25 3.156 3.39 2.55 721.73 645.96 4.21 4.65 3.91 3.26 2.93 1.07 44.37 1.44 3.44 4.21 4.65 3.10 6.47 3.16 3.44</td><td>٠</td><td>2.16</td><td>3.56</td><td>5, 15</td><td>4 66</td><td></td><td>7.0</td><td>//*!</td><td>14.76</td><td></td><td>WATERFORDE</td></td<>	4.16 6.40 9.66 7.64 5.42 3.78 1.42 1.42 3.15 1.42 3.15 1.42 3.15 1.42 3.41 4.73 1.44.00 44736 4736 1.14 1.14 1.14 1.15 3.25 2.37 1.44 1.14 1.15 2.23 2.25 2.21.33 1.14 1.15 47.34 1.14 1.15 47.35 1.15 2.25 2.21.33 47.37 1.14 47.37 1.14 1.15 2.25 2.21 3.24 1.15 2.25 1.25 2.21 3.24 4.73 47.37	4.16 6.40 9.66 7.64 5.42 3.78 1.45 71.53 6180 2.2.4 35.91 44.85 3.19 26.30 20.78 4.70 14.40 433.65 2.1.36 3.96 3.19 3.25 3.156 3.39 2.55 721.73 645.96 4.21 4.65 3.91 3.26 2.93 1.07 44.37 1.44 3.44 4.21 4.65 3.10 6.47 3.16 3.44	٠	2.16	3.56	5, 15	4 66		7.0	//*!	14.76		WATERFORDE
22.24 35.91 44.85 39.19 25.36 3.38 1.42 39.11 1076.36 21.36 35.91 44.85 39.19 25.36 2.37 6.58 70.81 47.70 427.36 47.70 47.7	22.24 35.91 44.65 39.19 25.32 2.38 1.42 10.42.0 21.36 33.0 5.42 44.65 39.19 26.30 2.37 6.58 70.11 10.42.0 473.6 21.36 33.26 2.37 6.58 2.37 6.58 2.37 6.58 2.37 6.58 2.37 6.58 6.59 1.13 11.50 1.13 11.50 1.13 11.50 1.13 11.50 1.13	22.24 35.91 44.65 39.19 26.30 20.38 1.42 19.11 107636 21.36 21.36 21.36 21.36 21.37 6.58 21.37 6.58 21.39 64.70 47.10 47	6	4.16	6.40	99		00.	79.1	0.65	21,53		MATERIAN
5.03 3.04 4.70 4.70 144.00 423.65 2.1.36 3.20 3.27 4.30 20.78 4.70 144.00 423.65 2.1.36 3.20 3.27 4.29 2.56 3.29 2.55 221.73 655.96 4.21 4.45 9.73 11.02 5.66 2.93 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 1.02 3.24 2.09 1.13 4.73 1195.93 119	1.56 3.70 44.80 39.19 26.30 20.78 4.70 144.00 44236. 21.36 39.87 61.55 50.82 31.56 13.98 2.55 221.73 655.96 4.21 6.45 13.25 11.02 6.47 3.08 1.02 221.73 655.96 4.49 11.48 9.49 5.68 2.99 1.02 1.32 10.52 10.	1.56 3.30 5.42 4.30 26.30 20.78 4.70 144.00 497366 21.36 3.36 5.42 4.30 20.78 4.70 144.00 497366 21.36 3.36 5.42 4.30 20.78 4.70 14.70 497366 21.36 3.36 7.45 13.55 20.78 1.02 2.55 721.73 64536 4.30 11.68 9.73 11.02 2.44 1.02 2.64 2.93 1.02 1.02 1.02 1.03 11.02 1.03 11.02 1.03 11.02 1.03 11.03	4	22.24	25 01		70.	24.6	3,38	1.42	30.11		2000
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5.03 7.75 <th< td=""><td>1.35</td><td>5-03 7-75 10-15 10</td><td>, ç</td><td></td><td>3,30</td><td>5.42</td><td>4,30</td><td>3,25</td><td>2.37</td><td>a</td><td></td><td></td><td>OINT, INFOR</td></th<>	1.35	5-03 7-75 10-15 10	, ç		3,30	5.42	4,30	3,25	2.37	a			OINT, INFOR
6.37 8.63 11.02 6.47 3.08 1.02 40.17.7 0.55.50 4.95 7.39 11.02 6.47 3.08 1.02 40.17.7 10.07 40.17.7 10.07 40.77 10.55.7 4.95 7.39 11.48 9.49 5.86 2.93 10.08 3.77 11.90 3.74 3.55.7 10.20 4.17 3.26 10.77 3.74 3.75.7 10.27 3.74 3.75.7 3.77.7 3.77.7 3.77.7 3.77.7	6.37 8.63 13.25 11.02 6.47 3.08 1.02 40.17 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.55 40.73 11.57 35.57 40.55 40.73 11.56 3.25 11.02 40.55 40.55 11.50 31.45	6.37 8.63 13.25 11.02 6.47 3.08 1.02 4.97 1.05 4.97 1.05 4.95 1.00 4.95 1.00 4.95 1.00 4.95 1.00 4.97 1.00 4.97 1.97 4.97 1.97 <	7 4	21.36	39.87	61.55	50.82	31.56	13.98				DUNIA DIRE
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<td>1100</td>	1.90 3.34 5.35 4.50 2.56 1.78 0.96 70.73 55449 1.90 3.34 5.35 4.50 2.56 1.53 1.18 0.97 10.77 55449 1.20 2.53 5.05 4.30 2.66 2.26 1.96 1.97 33.64 1.20 2.53 5.05 4.00 2.66 2.26 1.40 19.13 54566 2.18 2.98 5.19 3.19 2.36 1.96 2.36 1.96 54.33 54566 2.13 4.49 8.26 6.79 4.39 2.38 49.88 139089 1.10 2.10 2.10 2.10 2.10 4.00 2.10 4.00 1.10 2.10 2.10 2.10 2.10 4.00 1.10 2.10 2.10 2.10 2.10 4.00 1.10 2.10 2.10 2.10 2.10 4.00 1.10 2.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 1.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10 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7.94 15.61 28.82 23.10 14.81 10.04 30.65 85888 10.94 15.51 10.55 31.88 25.65 16.63 10.84 4.31 10.75 30.536 10.75 30.536 10.75 30.536 10.75 30.536 10.84 4.31 10.75 30.536 10.84 4.31 10.75 30.536 10.84 4.31 10.75 30.536 10.84 4.31 10.75 24.51 30.02 30.47 20.31 13.70 5.03 13.75 40.08 50.71 101.58 146.30 123.55 79.14 46.37 11.17 5.64 15.06 15.16 15.16 24.54 20.10 12.93 9.33 4.55 7734.7 17.85 7734.7 139.02 237.16 368.23 209.56 104.19 122.60 45.83 (406.66 45.83)	7.94 15.61 28.82 2.10 14.44 1.21 3.18 1.96 30.69 F5888 15.61 15.82 23.10 14.84 10.17 10.17 10.17 10.15 10.16 10.18	7.94 15.61 28.82 23.10 14.81 1.96 30.69 PSPRR 1.96 15.61 28.82 23.10 14.81 10.17 0.59 10.70 23.69 PSPRR 11.16 15.85 21.88 25.66 15.63 10.84 4.34 170.46 33.65.35 10.84 4.37 170.46 33.65.35 10.58 18.37 0.84 4.37 170.46 34.52 24.51 30.02 30.47 20.31 13.03 5.01 13.75 410.08 8.49 13.15 20.01 12.52 10.53 5.87 11.17 5.84 15.00 12.52 10.53 5.87 11.17 5.84 15 15.04 15.16 20.10 12.93 9.33 4.45 15.04 15.16 20.54 20.10 12.93 9.33 4.45 15.04 15.05 273.67 2.01 12.02 17.85 15.04 15.05 17.85 15.04 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 17.85 17.85 15.04 15.05 17.85 15.04 15.05 17.85 15.04 15.05 17.85			0.0	12,39	10.12	6.19	4.39	2.3R	48 88	130050	400000
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19-72 35,02 24,97 43.53 28.80 18.37 6.68 4.38 10.46 334269 15.22 24,51 34.02 30.47 20.31 13.03 6.71 101.58 146.30 123.55 79.14 46.37 11.17 568.45 15.46 8.49 13.15 20.01 16.52 10.53 6.87 2.03 78.55 70.46 46.37 11.17 568.45 15.46 20.10 12.93 9.33 6.87 2.03 78.55 77367 139.02 237.16 368.23 299.56 194.19 122.60 45.83 140.66 37 3757851	19-12 35,05 31.88 25.66 16.63 10.84 4.38 170.46 334236 15.72 24.51 35.02 43.53 28.80 18.37 6.58 70.46 334236 15.72 24.51 39.02 30.47 20.31 13.03 6.37 11.17 5.68.85 140.08 8.49 13.15 20.01 15.55 79.14 46.37 11.17 5.68.85 15.16 26.54 20.10 12.93 9.33 3.15 78.55 70.696 9.33 3.15 368.23 299.56 194.19 122.60 45.83 1406.60 3827851	19-72 35,02 54,97 43.53 26.86 16.63 10.84 4,38 170.46 337249 15.72 24,51 35,02 54,97 43.53 28.80 18.37 6.58 770.13 56726 56.71 10.158 146.30 20.31 13.03 5.03 14.7.7 4100.08 8.49 13.15 20.01 16.52 10.53 6.87 7.2.3 78.55 70.4866 8.58 15.16 20.54 20.10 12.93 9.33 4.c. 07.32 778.51 577851 560 Table C.3.			19.01	28.82	23,10	14.81	10.17	5 - 2	20.701		CONT.
15.72 24.51 39.02 30.47 20.31 13.03 5.03 17.67 707.13 567265 57.05 17.67 707.13 567265 57.05 17.67 707.13 567265 50.31 13.03 5.03 17.67 707.13 567265 50.31 13.03 5.03 17.67 707.65 610.08 6.49 13.15 20.01 15.52 70.53 6.87 7.7 7.84 5.50 704666 61.52 70.53 6.87 7.7 7.85 706466 70.53 70.53 70.65 7	15.72 24.51 39.02 30.47 20.31 13.03 5.03 5.03 5.03 5.03 5.03 5.03 5.03	13-72 24,51 39.02 30.47 43.53 28.80 18.37 6.68 707.13 567265 57.00 30.47 20.31 13.03 6.67 71 101.58 146.30 123.55 79.14 46.37 11.17 568.46 15.00 123.55 79.14 46.37 11.17 568.46 15.00 12.52 10.53 6.87 11.17 568.46 15.00 12.52 10.53 6.87 11.17 568.46 15.00 12.03 70.650 11.10 12.03 9.33 6.67 71.17 568.46 15.00 12.03 71.10 12.03 71.10 12.03 71.10 122.60 11.4.13 1406.60 39.77851		0 .	19.65	31.88	25.66	16,63	10.84	3,7	100 46	32.70	- C C C C C C C C C C
13-72 24.51 33-02 30.47 20.31 13.03 5.03 17.67 40.06 6.49 10.1.58 146.30 123.55 79.14 46.37 11.17 5.64.45 150.48.64 8.58 15.16 20.54 20.10 12.93 6.87 2.03 74.55 706.69. 139.02 237.16 368.23 200.56 194.19 122.60 41.83 1406.60 3877851	13-72 24-51 33-02 30-47 20-31 13-03 5-03 17-67 40-06 6-49 13-15 10-01 15-55 79-14 46-37 11-17 5-8-45 15-048-64 8-58 13-15 20-01 15-52 10-53 5-03 72-03 78-55 70-69-6 13-02 237-16 368-23 299-56 194-19 122-60 11-8-3 140-6-6 38-7-35 15-78-51	13-72 24.51 39.02 30.47 20.31 13.03 5.03 17.62 410.00 60.71 101.58 146.30 123.55 79.14 46.37 11.17 5.48.HS 150.46.H 6.49 13.15 20.01 15.52 10.53 6.87 11.17 5.48.HS 150.46.H 6.58 15.16 20.54 20.10 12.93 9.33 a.r. 07.32 2734.2 139.02 237.16 368.23 209.56 194.19 122.60 41.83 1406.66 3827851	- 6	7/01	35.02	54.97	43,53	28.80	18.37	4		10710	HILINE'S
6.47 101.58 146.30 123.55 79.14 46.37 11.17 548.45 1504844 6.49 13.15 20.01 16.52 10.53 6.87 2.03 78.55 704644 6.58 15.16 20.54 20.10 12.93 9.33 3.55 77.37 77.39	6.71 101,58 146,30 123,55 79,14 46,37 11,17 54,167 1504R4 6.49 13,15 20,01 16,52 10,53 6,87 2,03 74,55 7046R4 6.58 15,16 24,54 20,10 12,93 9,33 4,15 7732 7734,7 139,02 237,16 368,23 299,56 194,19 122,60 41,83 1406,66 3877851	6.47 101.58 146.30 123.55 79.14 46.37 11.17 5.48.45 1504.64 8.49 13.15 20.01 16.52 10.53 6.87 2.03 78.55 7046.64 8.58 15.16 20.54 20.10 12.93 9.33 4.15 07.32 7734.7 576.64 8.58 15.16 368.23 299.56 194.19 122.60 11.43 1406.66 3977851	٠.	72.61	24.51	39.02	30.47	20.31	13.03		0, 6,	647/46	SOUTHWEST
8.49 13.15 20.01 16.52 10.53 0.87 7.10 8.58 15.16 24.54 20.10 12.93 9.33 0.45 07.37 773047 139.02 237.16 368.23 209.56 194.19 122.60 11.83 (406.60 38778)	8.49 13.15 20.01 16.52 10.53 5.77 7.17 7.17 7.17 7.17 7.17 7.17 7.17	8.49 13.15 20.01 16.52 10.53 6.87 7.17 7.17 7.04864 8.58 15.16 24.54 20.10 12.93 9.33 4.15 77.37 77342, 139.02 237.16 368.23 200.56 104.19 122.60 11.83 1406.60 3877851		17.00	101,58	146.30	123.55	70.14	46 37			41050	SUPPREST
8.58 15.16 24.54 20.10 12.93 9.33 4.45 07.32 273442 2040.56 104.19 122.60 11.83 (404.66 382785)	8.58 15.16 20.54 20.10 12.93 9.33 4.43 74.55 773645 139.02 237.16 368.23 299.56 194.19 122.60 14.83 1406.60 3827851 sfor Table C.3.	8.58 15.16 24.54 20.10 12.93 9.33 2.7 74.55 206696 13.93 13.02 237.16 368.23 200.56 194.19 122.60 11.83 1406.66 3677851	_	8.49	13,15	20.01	16.52			- 6	C	1504868	FAST
139.02 237.16 368.23 299.56 194.19 122.66 45.83 (406.66 382785)	139.02 237.16 368.23 299.56 194.19 122.60 11.83 1406.60 3077851 5for Table C.3.	139.02 237.16 368.23 299.56 194.19 122.60 11.83 (4.8) (406.66 3)		8.58	15,16	24. 54	300		2	£ n • 7	28. HC	204696	UCIP THE AST
139.02 237.16 368.23 299.56 194.19 122.60 11.83 1401.60 3827851	139.02 237.16 368.23 290.56 194.19 122.60 11.83 (401.60 382785) sfor Table C.3.	139.02 237.16 368.23 290.56 194.19 122.60 11.83 (401.60 38785) s for Table C.3.				-	70.10	12,43	9,33	٠ • •	07,32	2739+2	WIDLANDS
124.19 14.19 14.19 14.19 14.19 14.00.	1.2.500 01.4.1) (4.1) (40hhn 307785)	1.2.5.00 AH J IAA J JAA. J JAA. J JAA. J JAA. J	6.3	139.02	237.16	368.23	290 56	40.		;			,
	As for Table C.3.	4s for Table C.3.	•	,				67	10.771	ו	408	3827R51	STATE

Table C.5 Projacted labour force by county and region, by age group, all persons, 1986: assumption I on external migration, assumption B on activity

					}					
COUNTILS	AGED1519	ACE1:2024	AGEP2534	AGE1:3544	ACE:04554	AGED5564	AGEDOVR65	ALT.AGES	POPILLATION	
DONEGAL	5.32	7.58	11.07	8.92	5.95	4.91	2.01	46.60	132120	DOMEGAL
LEITRIM	0.68	1,45	2,38	1.75	1.44	1.31	0.96	10.01	26896	MINTER
SLIGO	1.72	3.54	5,14	3.83	2.67	2.44	1.42	20.7×	57574	81.160
GALWAY	5.52	10,34	16.90	12.05	8.26	6.65	4.19	63,95	180385	GALWAY
HAYO	3.01	1.29	26.0	7.55	5,43	46.4	3,55	40.73	1156.82	MAYO
CLARE	2.78	5,36	1.18	6.82	4.37	3.54	1.76	32,44	92848	CLARE
LIMERICKBO	2.99	4.53	5.85	3.89	3.02	2.18	0.53	23.02	6122¢	LIMERICKBO
LIMERICACO	3.82	04.0	08.6	7.95	5.0¢	3.97	1.68	34,93	107700	LIMERICKCO
TIPPERAREN	2.15	£8.	5,31	3.89	2.94	2.50	1.13	21.79	60094	TIPPERARYN
CORKBOR	7.44	10.26	13.96	8.81	7.36	4.99	1.06	53.01	138370	CURKBOR
	10.45	17.20	25.18	20.65	13.40	10.40	4.38	101.69	2836.95	CORKCO
KEKRY	3.74	7.24	10.97	p.54	1.02	5.04	2.45	44.03	125276	KERRY
CARLON	1.75	2.68	3.80	2.14	1.89	1.40	0.56	14.84	41922	CARLOW
KILFERNY	2.87	4.7.1	. es	5.19	3.40	2.45	1.21	27.24	75011	KILKENNY
TIPPERATS	2.17	5.40	7.05	5.23	3.70	3,30	1,31	28°80	78780	TIPPERARYS
MATERFULDS	2,3t	3.10	3,32	2.47	7.21	1,38	0.31	15,19	38013	WATERFORDS
WATERFULDS	2.12	3.50	4.78	4.02	2.63	2.00	0.75	19.85	55987	WATERFORDC
WEXFURD	4.5.7	. 38	H.53	6.95	4.82	3.76	1.66	36,71	103538	MEXFORD
DUBLINGUR	36.46	37.16	54.49	33,23	29.19	23.95	5.52	214.02	487575	DUBLINBOR
DUNLADIRE	1.96	3.60	5,32	3.74	3,35	2.1.2	0.69	21.30	53637	DUNLADIRE
02117974	19.78	32.22	47.9t	42.91	24.27	12,33	2.55	142.06	533112	DUBLINCO
FILDARE	5.19	7.72	11.30	9.46	4.93	3;25	1.14	43.61	119952	KILDARE
WICKLOS	4 .	5,91	F . 50	7.06	4.66	3.06	1.08	34,99	98455	WICKLOW
HIATE	æ •	4 × 4	9.16	R.17	4.77	3.52	1.48	19.43	107683	MEATH
× (4 × 4)	α .	3,34	4.99	3,53	2.67	2.54	1.38	20.32	\$3268	CAVAN
III.DOT	7	1.26	6.t3	86*4	4.64	3.44	0.98	36,11	93816	LOUTH
HOLAGHAN	2.31	3.61	4.94	3.74	2.48	2.14	1.05	20.30	53409	MONAGHAN
LAUIS	30.5	3.62	4. ₽5	3,35	2.3₽	2.17	0.92	19.20	53477	LADIS
CONGRURD	66°C	2.02	2.78	2.13	1.49	1,33	0.75	11.51	32243	LONGFURD
OFFALY	2.37	**	5.20	3.84	2.83	2.43	1.08	21.96	K0587	OFFALY
KOSCOMPON	1.41	3.10	4.64	3,35	2.73	2.4.8	1.70	19,67	54517	RUSCOMMON
MESTMERIN	7.41	4.33	2.92	4.32	3,00	2.40	0.98	23.40	64573	WESTMEATH
REGIOUS										
DONEGAL	5,32	7.58	11.07	B.92	5.95	4.91	2.81	46.60	132120	DONFGAL
NORTHWEST	2,41	5.00	7.53	5.59	4.11	7.7		28 25	84470	TANHERON
WEST	8.54	16.64	24.83	19.60	13.70	11.00	7.75	0.4.40	296.067	E SE 3
MIDWI:ST	11,76	20,33	28.76	22.57	15. 12	12.21	2 2	114	321868	TATACTA
SOUTHWEST	21,64	34.71	50.12	38.01	21.79	20 44		1 00 1	547341	TOWN THUS
SOUTHEAST	16,46	25.83	34.36	26.64	9 4	14.82	e e	142 65	192251	SULTHERST
EAST	66.99	93,46	137,36	105.20	71.19	48.75	12.49	535.44	1400414	FAST
NORTHEAST	9,30	13.22	18.57	14.25	CH	71		76.73	200543	TRATHFOR
MIDLANDS	9.28	17.26	23.23	17.02	12.46	11.04	5.45	95.76	265347	HIDLANDS
	;									
3	151./4	734.09	337.47	257,83	171.15	135,18	43.17	1.140.55	1641421	3777

Projected labour force by county and region, by age group, all persons, 1991 : as on activity

8

COUNTIES	AGEP1519	A(3.02024	AGE112534	AGLE-3544	AGF 114554	AGEPSSE4	AGEDOVR65	ALI,AGES	P((P1(1,A)) 11(N	
DONEGAL	5.80	7.68	12.01	10.00	1.,95	4.17	2.80	60.05	03000	
LEITRIM	0.65	1.19	2.44	1.96	1.41	1.18	00		70070	DOMEGAL
SUIGO	1.17	3,25	5.55	4.40	68	2.27		0,.,0	26195	LEITHIM
GALKAY	5.95	10,23	17.08	14.08	6.33	900		00.17	50464	SL160
MAYO	3.09	5.23	10,25	8.77		4 65	4.6	76.	98548	GALWAY
CLARE	3,21	1, 32	54. R	7.41				41.6	114167	MAY.
LIMERICABO	2.94	4.21	67.70	4 23	? -	24.5	0.5	34.72	97890	CLAPE
LIMERICKON	4,38	885	16.51		1 1 1	2.13	15.0	23.51	61142	LIMERICKED
TIPPERARYN	2,23	3.56	300	4 47	20.6	0.40	74.	42.18	114222	LIMERICKES
COMKROR	۴.93	10.65	14.57	10 16		7 . 3	9:	22.39	61015	TIPPEMAPYN
CORKCO	11,72	17,50	27.45	23.21			71.1	95.90	130444	CORKEON
KEPRY	3.98	1.55	11,33	0		4 7 8	04.0	109.93	300408	CHRKCU
CAPLOA	1.89	2.65	4.10	3.21	2 C		0.5.0	97.5	127313	* 55 5 7 7 7 7
KIUKENNY	3,11	4.58	7,36	5.5	3.62	25.1	90.0	13.80	540£¢	CARLOW
TIPPERRHYS	3.01	4.40	7,95	47.	90		67.1	68.87	19040	KILKENNY
KATERFORDS	2,13	2. 79	3.63	65.6	ο α • τ	7.5	1.36	29.93	8 (1003	TIPPERAHIS
WATERFUEDC	2.46	3,53	=			1	200	15.10	371r5	MATERFIIRDR
WEXF DRD	4 75	- 1	0.42			× .	B/ • 0	21.95	61845	MATEMFORDC
DIPLIPEDE	25, 47	35.47	4 2 0 7	30.00	0 6 0 6 0 7	1	1.70	39.05	107836	WEXFORD
DUNLAPIAE	1.H2	3.26	2	7.00	99.6	22.41	5.75	197.95	4423t.F	EITBLINHUR
CONTINU	24.78	24.48	50.04		- ;	2.35	0.72	21,11	52477	1010, AUTRE
P.II.I RRE	7.26	- A		1000	66.75	15,13	3.08	225.03	£45,591.	11/HL18C
ICHIO		- C-	6.0		70.	4.34	1.22	50.93	135557	KILHARE
MF.ATH	5.1.7	7.34			ž .	31.6	1.17	39.46	109279	*10K1.0*
CAVA	1.85		, ,			4.47	1.57	44.65	119543	MF ATH
1,0013	5.37	ο α	000			7.27	1,33	20,34	5265H	TAVAT
MOLAGIIAN	53	~	70.	2.	.	3.24	1.07	38.73	64540	LINUTH
LAUIS	2.17	2 42	* c		79.7	1.93	1.06	21.16	65440	MINAGHAN
LINGFORD	=		1707			9	9.0	20.15	55595	1,A 1 1.5
(IFFALY	2 - 1 3	9	- G	40.7	d 5.	1.23	0.74	11.91	33364	LOUGEIRD
FUSCHMUN	1.35	0	. 4	7.0.	£ 6	2.73	1.13	22.99	6.2061	OFFALY
WESTHEATH	2.51	20.6			¥	7.44	1.64	19,57	5451.1	RUSCHWAIIN
		•	•	· · ·	3.61	7.73	1.01	24.79	+777+	*FSTMFATH
REGIOUS		-								
LUMEGAL	9 8 ° 5	7.1.8	12.01	11.00	56-1	4 - 17	o a	60		
NOT THEST	. 13	4.44	7.93	7	~				25.55	UDINEGAL
#E.S1	\$ C €	1. 47	27.94	27. RS	11.15		05.7	31.31	3.50 € α	SHRTF#EST
MICHEST	12.77	19.00	31: 62	9 4 5			01.1	104.72	305236	¥F.S1
SOUTHWEST	22.65	34 71	43 37	C 7 C 7	70.77	11.75	5.14	122.81	314269	MINW+ST
SUITHEAST	17.39	24 24	20.0	70.01	57.0		7.43	211.11	567265	SULTHEF'S1
EAST	740	100	20.17	C	2	14.12	4.02	150.81	419618	SHIFTLEASE
NOF THEAST	0 11		0.00	54.171	٠. او	50.1=	13,54	519,15	15048+8	F.AST
MIDLANDS	0	1.0	19.42	16.28	10°71	7.45	3.47	R0.24	204691	WIIRTHFAST
	•	2.	10.07	· ·	13.73	10.11	5,50	99.43	273417	MILLAMUS
STATE	160.07	235.01	357.40	295.44	191.92	132.74	54.49	1434.16	1827851	4

As for Table C.3.

Note:

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NATIONAL ECONOMIC AND SOCIAL COUNCIL PUBLICATIONS

NOTE: The date on the front cover of the report refers to the date the report was submitted to the Government. The dates listed here are the dates of publication.

	Title	Dá	ate
1.	Report on the Economy in 1973 and the Prospects for 1974	April	1974
2.	Comments on Capital Taxation Proposals	July	1974
3.	The Economy in 1974 and Outlook for 1975	Nov.	1974
4.	Regional Policy in Ireland: A Review	Jan.	1975
5.	Population and Employment Projections: 1971-86	Feb.	1975
6.	Comments on the OECD Report on Manpower Policy in Ireland	July	1975
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9.	Report on Inflation	June	1975
10.	Causes and Effects of Inflation in Ireland	Oct.	1975
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21.	Report on Public Expenditure	July	1976
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24.	A Comparative Study of Output, Value-Added and Growth in Irish and Dutch Agriculture	Dec.	1976
25.	Towards a Social Report	Mar.	1977
26 .	Prelude to Planning	Oct.	1976
27.	New Farm Operators, 1971 to 1975	April	1977
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