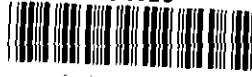


252016



*Submission*

*to*

*The Task Force on*

*The Eastern Regional Health  
Authority*

*from*

*The Royal Hospital Donnybrook*

362-11

## INTRODUCTION

It is often said that the measure of compassion in a society is evident in the way the elderly and those who are disadvantaged are cared for. Today, as in the past, many older people and, indeed, younger people are disabled and in need of hospital care. In Ireland some 5% of those over the age of 65 and a significant number of younger people with chronic disability, require either respite, rehabilitation, day hospital or extended care within a hospital.

## HISTORY

The Royal Hospital Donnybrook has been to the forefront in provision of care to the chronically ill since its foundation in 1743. The Hospital was established from the proceeds of a grant from the Irish Music Society to care for those who were disabled and who lived in poverty. The Hospital was originally located in the city centre. After a few years the Hospital moved to a 13 acre site in the suburb of Donnybrook where it enjoys a peaceful environment. Dublin in the middle of the 18<sup>th</sup> century was a different place to what it is today.

Today The Royal Hospital Donnybrook is the largest provider of extended care, respite and rehabilitation services in South Dublin. The catchment area served extends south from the Liffey to Shankill, west from there to Glencullen, and northwards via Rathmines to the Liffey at Wood Quay. The total population of the area is 255,000 (1996 Census), an increase of 7.5% from 237,647 just 10 years earlier. Just over 11% are aged over 65 years but this figure does not truly reflect the density of older citizens in the area because of the presence of many students from outside Dublin at the census date - UCD, TCD and the DIT are in the area. The catchment area includes a number of expanding communities in its southern parts and some communities subject to re-development closer to its northern boundary. The total population of the catchment area is therefore expected to continue to expand at a rate far in excess of the average rate of the country.

## THE HOSPITAL TODAY

Since its foundation The Royal Hospital Donnybrook has sought to ensure that the quality of care it provides for patients is rooted in excellence. It has also developed its services to meet the changing needs of each generation. Today it is providing patient care for those requiring extended care, respite, rehabilitation and day hospital services. The total service provided is characterised by teamwork involving medical and nursing expertise plus a wide range of specialities: physiotherapy occupational therapy, speech and language therapy, medical social work, clinical psychology, art therapy, chiropody, pastoral care and beauty therapy.

In general The Royal Hospital Donnybrook provides care for five broadly defined conditions (figures based on end June 1997):

Cerebrovascular accidents & sequelae	28%
Dementia	21%
Osteo & Rheumatoid arthritis	14%
Multiple Sclerosis	8%
Other incl. hereditary conditions, sequelae of trauma - R.T.As, etc	23%

The current capacity of the Hospital is 232 beds:

Extended care for the elderly	162
Extended Care for young chronic disabled	40
Rehabilitation & Respite	30

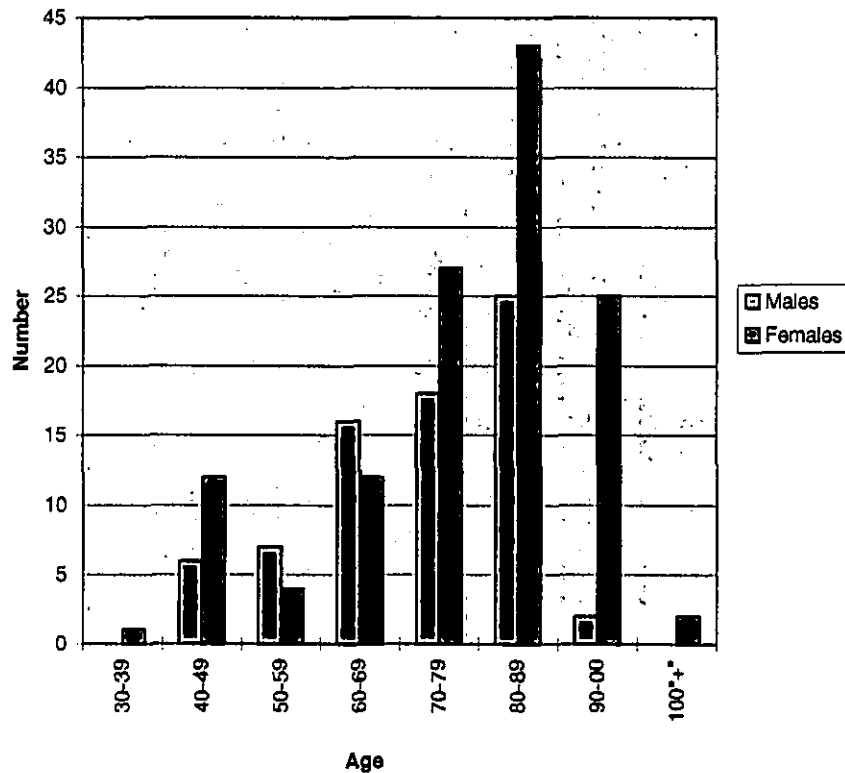
In addition the Day Hospital attends to the needs of 25-30 patients per day.

The 30 rehabilitation & respite beds cater for approximately 230 admissions per year of which about two thirds are female. During 1996 84% of these patients stayed less than three months and 12% stayed 3-6 months. The therapeutic policy aims to maximise potential and promote independence enabling many to return home. The service provides a cost-effective step-down facility for patients from more expensive acute care hospitals, mainly St. Vincent's Hospital.

### Extended Care Patients

Extended care patients, elderly and not so elderly, constitute the main patient load of the Hospital. In June 1997 there were 200 extended stay patients in residence at the Royal Hospital Donnybrook. Among these patients there were 126 (63%) female patients. 19 patients (9.5%) were under 50 years of age and 142 patients (71%) were over 70 years of age. Females accounted for 68% of those over 70.

RHD Extended Stay Patients: Age Sex Analysis



Since the foundation of the Hospital the average age of patients at admission has increased significantly. It has increased from 49 years in 1897 to 60 in 1947 and is currently 78 years. Today 62.5% of the patients (inclusive of respite patients) are over 70 years old compared to 26% fifty years ago in 1947.

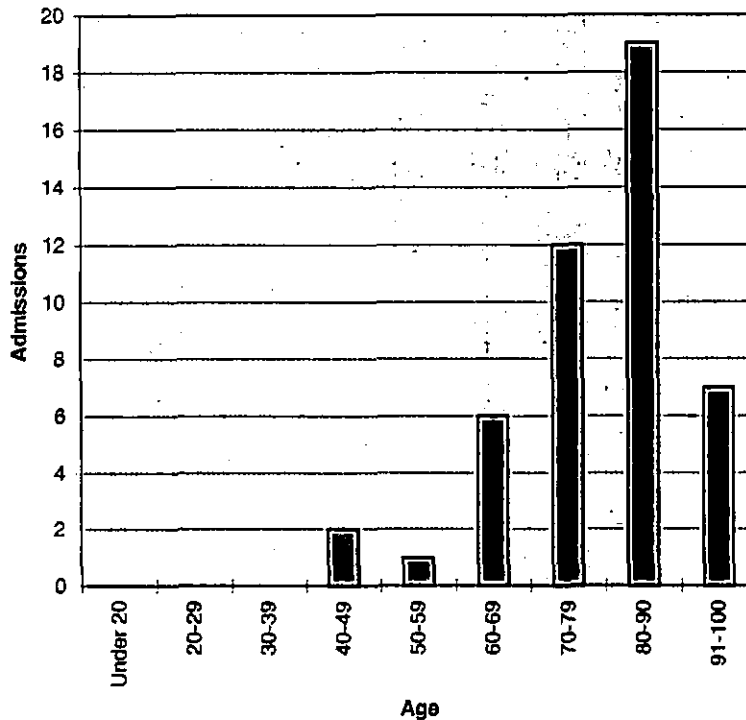
**Admissions by Age 1996-97**

UNDER 20	20-29	30-39	40-49	50-59	60-69	70-79	80-90	91-100
0	0	0	2	1	6	12	19	7

**AVERAGE AGE ON ADMISSION: 78 Yrs 2 Mths**

**AVERAGE STAY (1997): 4 Yrs 10 Mths**

**RHD Admissions by Age 1996 - 1997**



As the average age at admission has increased, the dependency of the patients has also increased dramatically, but the average length of stay has decreased and is currently 4 years and 10 months.

### **Recent Developments**

To provide the care needed to meet recent needs the Hospital embarked on five significant projects:

- Cullenswood which provides sheltered accommodation in a most attractive tranquil & imaginative setting for 32 residents within the grounds of the Hospital;
- the Rehabilitation Wards which provide hope and encouragement to patients in advance of a return home;
- the Iona Unit which cares for the mobile confused and is considered a model of excellence;
- the Day Hospital which provides ongoing rehabilitation and maintenance; and
- the 6 wards which have been upgraded to modern hospital standards.

This capital development programme cost £2.5m, of which £125,000 was provided by the Department of Health. A further development plan has been submitted to the Department and a decision is awaited.

## **THE FUTURE**

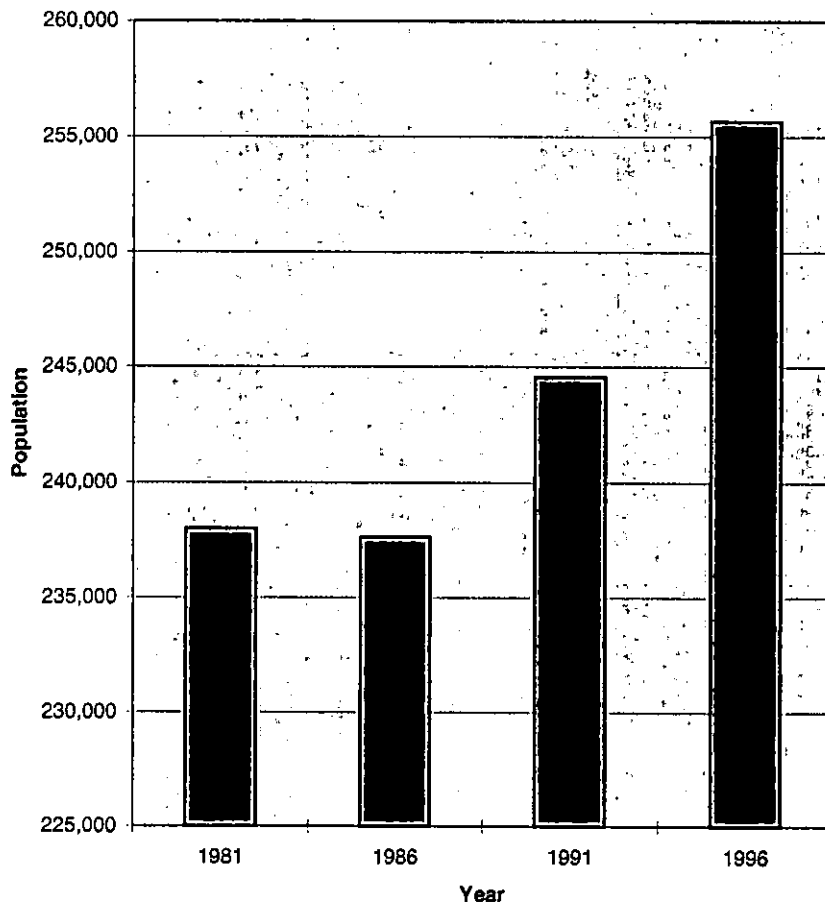
### **Philosophy of Care**

For the last 254 years the distinctive feature of the care provided by the Royal Hospital Donnybrook has been its patient focus. Today and in the future patients' needs will be carefully and sensitively assessed to embrace not only physical care but also the personal, social, spiritual and psychological needs of the patient. In order to do this effectively the Hospital has developed a very effective multi-disciplinary approach which includes all staff working together in consultation with the patients and their families. Holistic care has always been at the centre of the patient care service of the Hospital and will continue to be its hallmark into the next century.

### Future Demand Levels

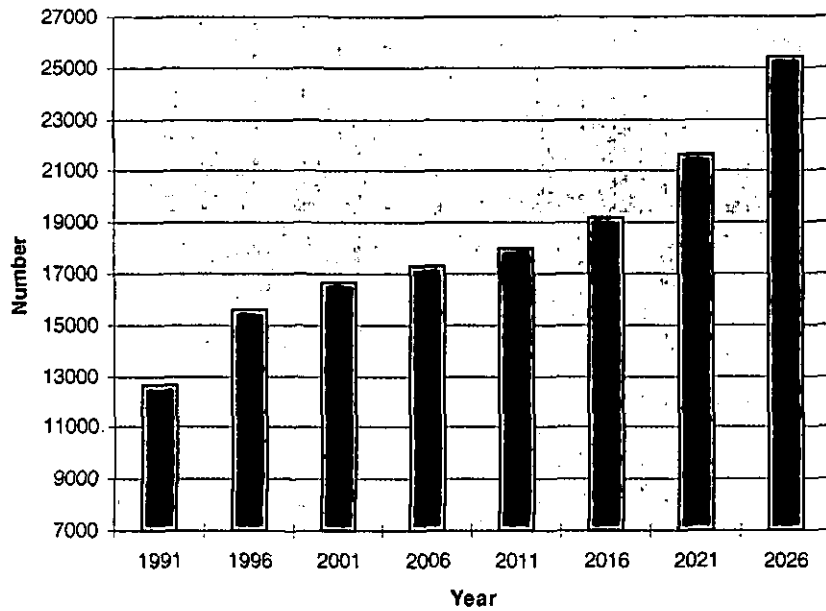
The Royal Hospital Donnybrook looks to the new Millennium with confidence. The Hospital provides a most valuable and essential service in South Dublin where there will be increasing demand for its services from within the community. The recent Census of Population and projections prepared using CSO assumptions, provide a measure of the likely extent of these needs.

Population of RHD Catchment Area



Based on CSO assumptions, the population of the Royal Hospital Donnybrook's catchment area aged 75 years and over is expected to increase from 15,641 in 1996 to 21,650 in 2021. This projection envisages an increase of 6,009 or a startling 38% in the Hospital's target population in the next 25 years.

## RHD Catchment Area Estimated Population Aged Over 75 Years



Clearly, if the assumptions behind these projections are borne out, the Royal Hospital Donnybrook will face a significant increase in demand for its extended care services for the elderly in the years ahead. This is further emphasised by the figures in Appendix D which show that in 1991 the RHD catchment area already had a 12% greater concentration of very elderly persons compared to the national average.

The pages which follow contain the following graphical illustrations:

- Map of the RHD Catchment Area
- Population Aged Over 75 Years in 1991
- Percentage of Population Aged Over 75 Years
- Estimated Population Over 75 Years in 2026
- Estimated Change in Population Over 75 Years 1991-2026

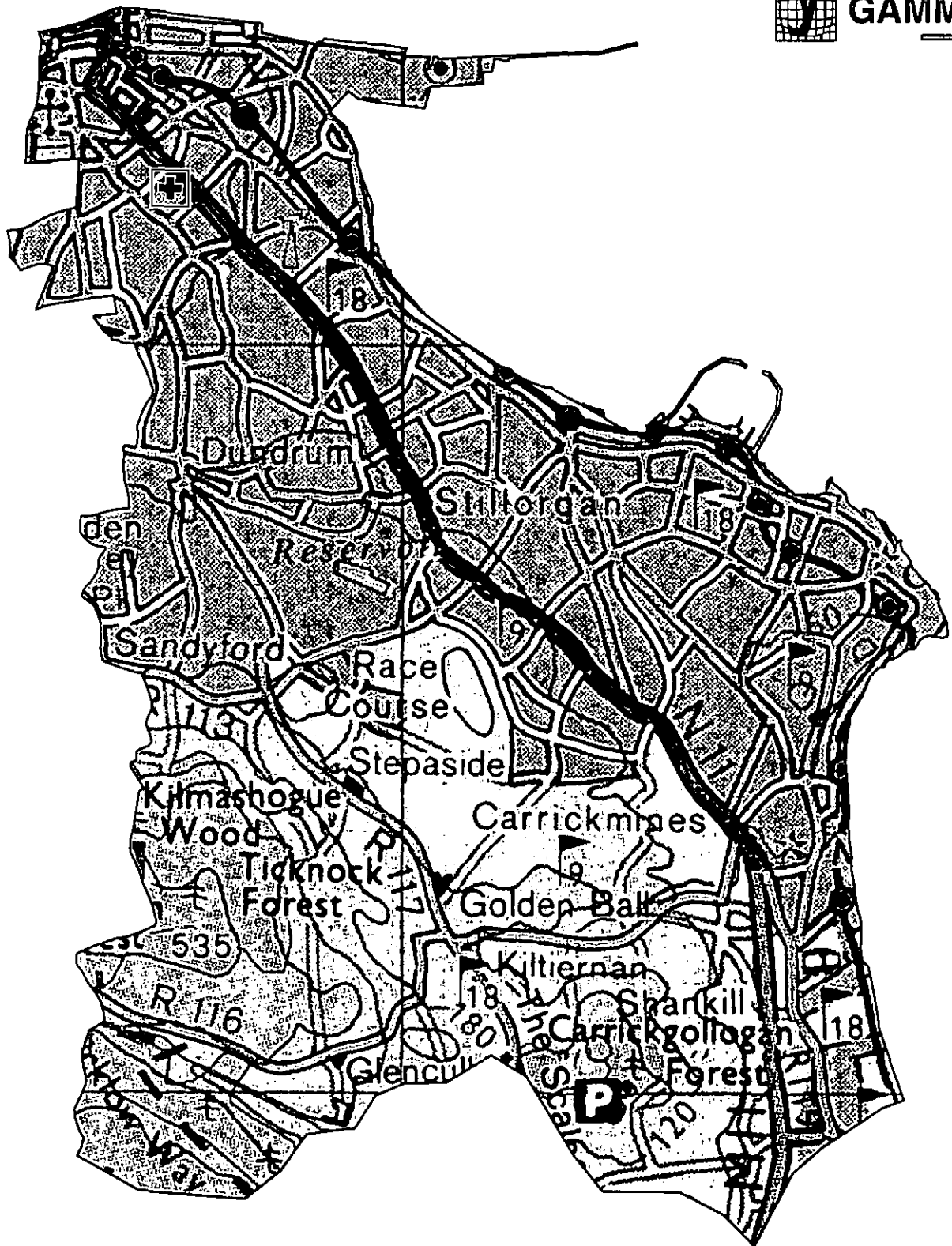
The balance of the text follows these 5 illustrations.



# RHD Catchment Area

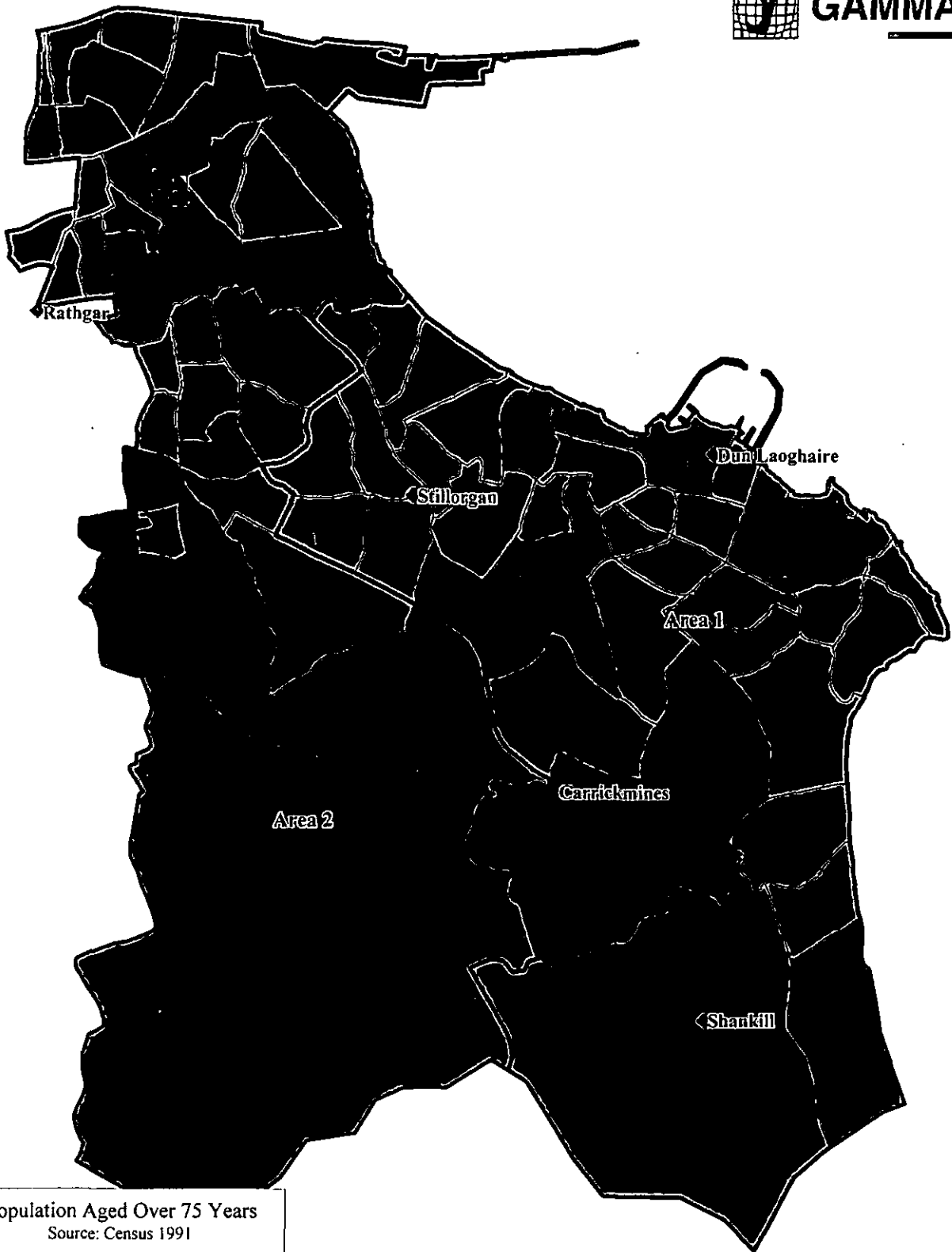


GAMMA



The Royal Hospital Donnybrook

# RHD Catchment Area Population Aged Over 75 Years



Population Aged Over 75 Years  
Source: Census 1991

- Over 200
- 160 to 200
- 120 to 160
- 80 to 120
- Under 80

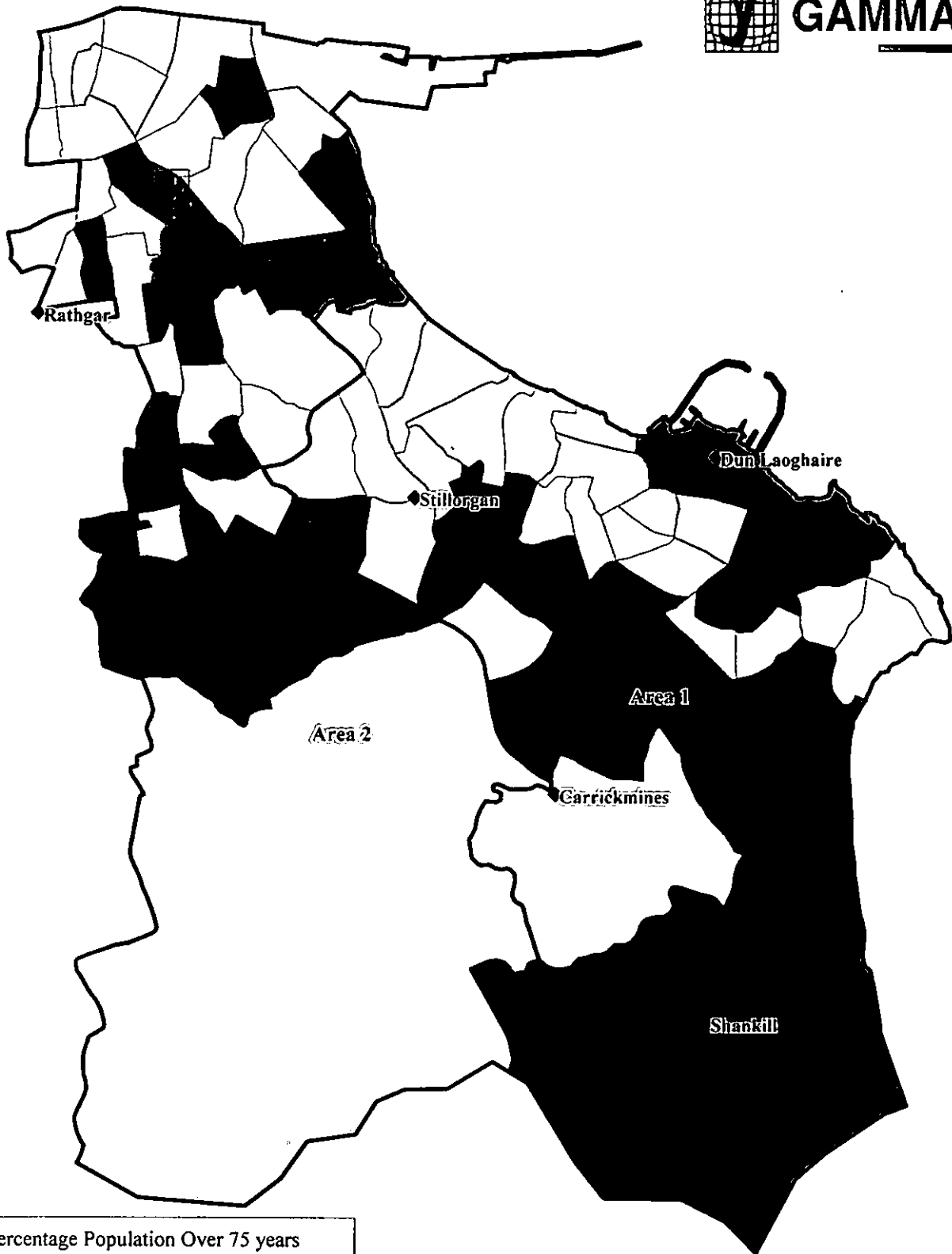


The Royal Hospital Donnybrook

# Percent of Total Population Aged Over 75 Years By RHD Catchment Area



**GAMMA**



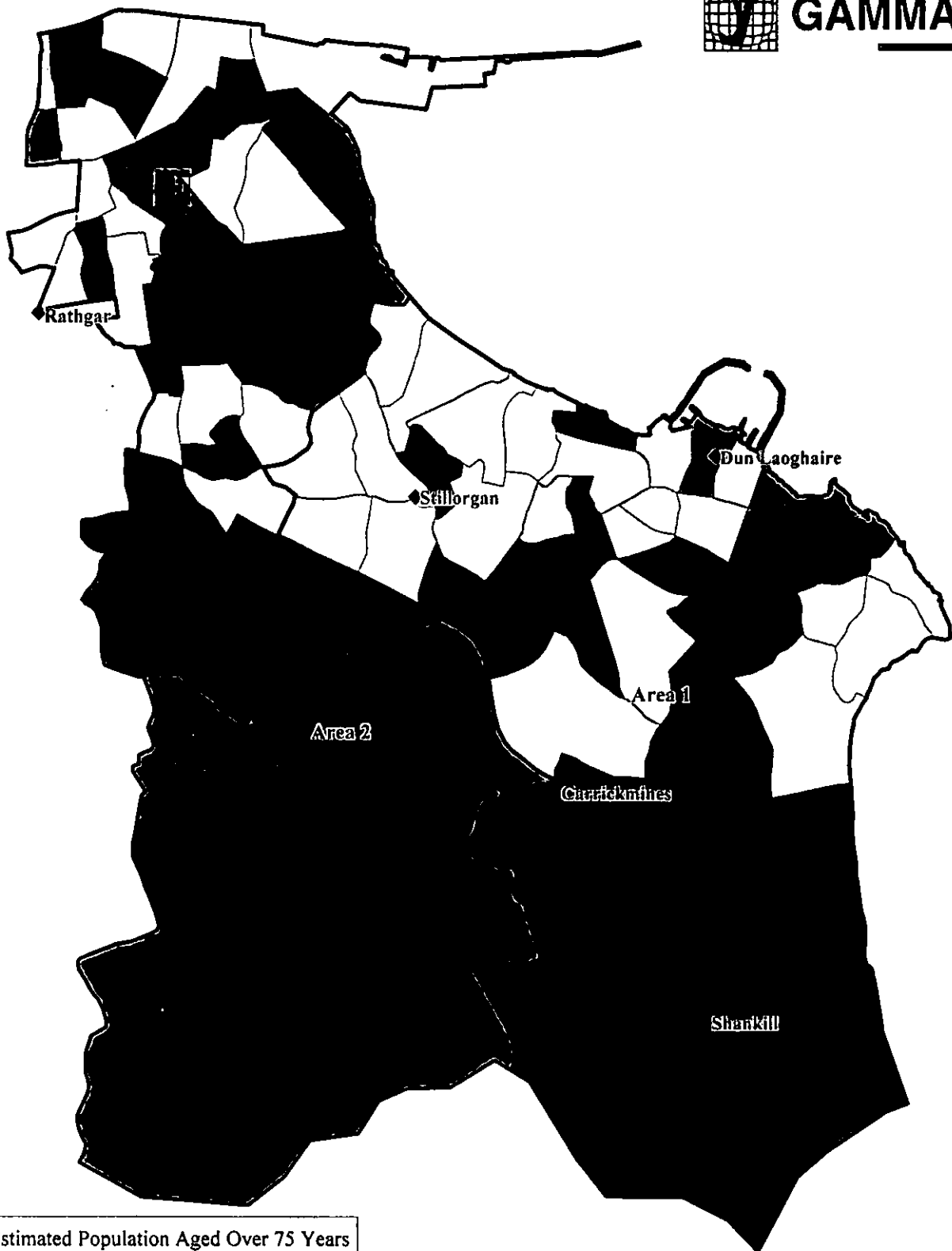
Percentage Population Over 75 years  
Source: Census 1991

- Over 8%
- 6 to 8
- 4 to 6
- Under 4%



The Royal Hospital Donnybrook

# Estimated Population Aged Over 75 Years 2026 By RHD Catchment Area



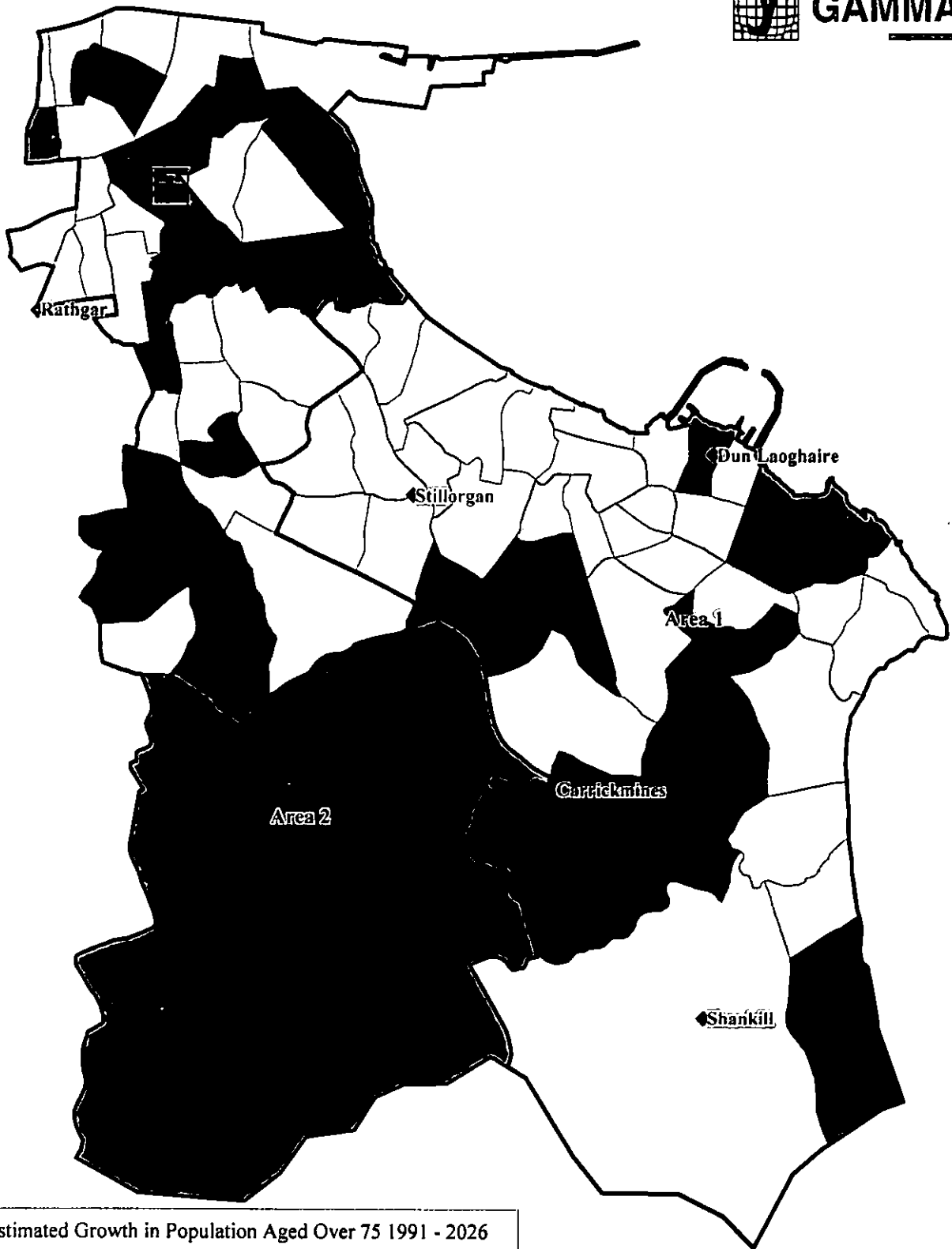
Estimated Population Aged Over 75 Years

- 400 to 869
- 300 to 400
- 200 to 300
- 0 to 200



The Royal Hospital Donnybrook

# Estimated Change in Population Aged Over 75 Years 1991 - 2026 By RHD Catchment Area



Estimated Growth in Population Aged Over 75 1991 - 2026

- Over 200 More
- ▨ 125 to 200
- 75 to 125
- 0 - 75 More



The Royal Hospital Donnybrook

These charts show clearly that the areas close to Donnybrook and Dun Laoghaire have the highest concentrations of the very elderly in the catchment area. This situation is expected to pertain for many years.

The Royal Hospital Donnybrook will continue to occupy a strategic location to serve a growing population of very elderly persons well into the next century. The increase in the number of persons over 75 years of age within the RHD catchment area will create demand for a significant increase in capacity. Fortunately, the RHD has adequate land to do so if required.

The figures quoted relate only to the primary segment of patients served by the RHD, namely, the elderly requiring hospitalisation for extended periods.

It is much more difficult to anticipate future demand for beds for rehabilitation & respite or for the young chronically disabled. Demand for such beds is a function of many factors including the incidence of serious car accidents and changing social patterns.

Most commentators expect the volume of cars in Ireland to increase significantly for some years because the level of car ownership is low by OECD standards. The number of serious car accidents can therefore be expected to increase.

When reduced family size trends of the 70s and 80s work their way through into the adult population during the next 25 years there will be much fewer adult children available (or indeed willing) to look after their chronically ill parents or brothers or sisters. These demographic facts plus the tendency for most women to work outside the home will increase demand for respite beds and beds for the young chronically disabled.

### **Conclusion**

The Royal Hospital Donnybrook expects to face a significant increase in demand for its services in the next 20-25 years. As the largest provider of extended care services in South Dublin, the Hospital should have representation on the board of the new Eastern Health Authority. This representation is essential to ensure the Authority and the Hospital can work closely together to best serve the needs of the growing number of people in South Dublin needing extended care services in the years ahead.

## Appendices

- A. RHD Catchment Area Population 1981-1996
  
- B. Estimated Population Aged Over 75 Years 1991-2011 in the RHD Catchment Area
  
- C. Estimated Population Aged Over 75 Years 2011-2026 in the RHD Catchment Area
  
- D. Population Aged Over 75 Years as a % of the RHD Catchment Area Population
  
- E. Marital Status of the Elderly 1986-2011 (National Average)  
The Very Old Elderly - Projected Increase 1986-2011
  
- F. Projected Population 1986-2021

## Appendix A

## RHD Catchment Area Population 1981 - 1996

DED Name	Population	Population	Population	Population	Males 1996	Females 1996
	1981	1986	1991	1996		
Ballinteer-Broadford	2,826	3,230	3,302	3,354	1,634	1,720
Ballinteer - Ludford	3,053	3,123	2,995	2,682	1,304	1,378
Ballinteer - Meadowbroads	2,279	2,188	2,025	1,846	931	915
Ballinteer - Meadowmount	2,804	2,607	2,408	2,126	1,056	1,070
Ballinteer - Woodpark	3,575	3,696	4,263	4,229	2,080	2,149
Ballybrack	4,059	4,158	3,946	3,731	1,828	1,903
Blackrock - Booterstown	1,974	1,858	1,889	2,282	987	1,295
Blackrock - Carysfort	3,693	3,758	4,689	5,001	2,346	2,655
Blackrock - Central	2,682	2,438	2,294	3,390	1,558	1,832
Blackrock - Glenomena	1,659	1,578	1,465	1,784	805	979
Blackrock - Monkstown	2,676	2,708	3,229	3,268	1,399	1,869
Blackrock - Newpark	2,328	2,496	2,468	2,456	1,185	1,271
Blackrock - Scapoint	1,711	1,535	1,492	1,515	678	837
Blackrock - Stradbroke	2,733	2,552	2,416	2,284	1,080	1,204
Blackrock - Templehill	2,677	2,730	2,678	2,658	1,153	1,505
Blackrock - Williamstown	2,104	2,006	2,227	2,443	1,247	1,196
Cabinteely - Granitefield	3,059	2,989	2,840	2,663	1,311	1,352
Cabinteely - Kilbogget	3,928	3,894	3,651	3,494	1,740	1,754
Cabinteely - Loughlinstown	801	773	820	880	420	460
Cabinteely - Pottery	4,748	4,768	4,941	4,978	2,405	2,573
Churchtown - Woodlawn	1,398	1,378	1,336	1,272	590	682
Clonskeagh - Belfield	517	411	1,670	1,984	868	1,116
Clonskeagh - Farranboley	2,205	1,997	1,750	1,640	746	894
Clonskeagh - Milltown	1,238	1,221	1,158	1,808	834	974
Clonskeagh - Roebuck	1,635	1,675	1,844	1,785	825	960
Clonskeagh - Windy Arbour	2,618	2,376	2,378	2,349	1,084	1,265
Dalkey - Avondale	1,857	1,761	1,702	1,533	712	821
Dalkey - Bullock	1,771	1,834	1,788	1,797	795	1,002
Dalkey - Coliemore	1,776	1,585	1,507	1,471	663	808
Dalkey Hill	1,289	1,359	1,560	1,586	744	842
Dalkey Upper	2,555	2,374	2,297	2,212	1,031	1,181
Dun Laoghaire - East Central	2,045	1,835	1,878	1,995	940	1,055
Dun Laoghaire - Gilasthule	2,805	2,634	2,786	2,814	1,250	1,564
Dun Laoghaire - Glenageary	2,231	2,167	2,064	2,018	929	1,089
Dun Laoghaire - Monkstown Farm	2,797	2,501	2,220	2,134	1,044	1,090
Dun Laoghaire - Mount Town	2,362	2,097	2,063	1,869	855	1,014
Dun Laoghaire - Sallynoggin West	2,399	2,260	2,267	2,177	1,053	1,124
Dun Laoghaire - Sallynoggin East	3,305	3,415	3,381	3,249	1,517	1,732
Dun Laoghaire - Sallynoggin South	1,932	1,756	1,609	1,461	702	759
Dun Laoghaire - Salthill	1,428	1,371	1,279	1,415	658	757
Dun Laoghaire - Sandycove	3,658	3,655	3,687	3,561	1,628	1,933
Dun Laoghaire - West Central	2,512	2,238	2,060	1,985	902	1,083
Dundrum - Balally	4,741	5,481	5,391	5,549	2,757	2,792
Dundrum - Kilmacud	2,085	1,923	2,063	2,366	1,119	1,247
Dundrum - Sandycove	3,317	4,571	4,802	5,196	2,553	2,643
Dundrum - Sweetmount	2,701	2,589	2,307	2,134	1,021	1,113
Dundrum - Taney	3,058	2,901	2,808	2,748	1,296	1,452
Foxrock - Beechpark	2,509	2,296	2,131	1,945	951	994
Foxrock - Carrickmines	3,153	4,579	5,349	5,744	2,761	2,983
Foxrock - Deans Grange	2,862	2,760	2,784	2,655	1,307	1,348
Foxrock - Torquay	750	822	1,361	1,312	621	691
Glencullen	3,343	3,427	5,258	8,065	4,073	3,992
Killiney North	3,940	3,921	4,071	3,942	1,935	2,007
Killiney South	3,799	6,194	6,823	6,922	3,352	3,570



## Appendix A

## RHD Catchment Area Population 1981 - 1996

Mansion House A	3,243	2,986	3,011	3,123	1,504	1,619
Mansion House B	1,160	817	602	726	395	331
Pembroke East A	4,655	4,458	4,427	4,354	2,053	2,301
Pembroke East B	3,272	3,383	3,560	3,525	1,543	1,982
Pembroke East C	2,940	3,377	3,861	3,833	1,639	2,194
Pembroke East D	4,316	4,209	4,332	4,386	1,837	2,549
Pembroke East E	2,307	2,242	2,446	2,977	1,314	1,663
Pembroke West A	3,674	3,233	3,070	3,290	1,486	1,804
Pembroke West B	2,448	2,328	2,397	2,610	1,196	1,414
Pembroke West C	3,764	3,603	3,583	4,259	2,075	2,184
Rathmines East A	3,822	4,126	4,342	4,600	1,848	2,752
Rathmines East B	3,709	3,766	4,273	4,514	1,825	2,689
Rathmines East C	3,626	3,658	3,605	3,569	1,634	1,935
Rathmines East D	3,327	2,782	2,850	2,862	1,308	1,554
Rathmines West B	3,006	2,509	2,790	3,348	1,567	1,781
Rathmines West C	2,376	2,503	2,719	2,689	1,143	1,546
Rathmines West D	2,928	2,933	3,041	3,057	1,348	1,709
Rathmines West F	2,816	2,830	2,938	2,945	1,248	1,697
Royal Exchange A	1,620	1,141	1,140	2,261	1,120	1,141
Royal Exchange B	1,555	1,336	1,183	1,611	891	720
Shankhill - Rathmichael	2,533	2,481	2,851	3,543	1,760	1,783
Shankhill - Rathsallagh	3,124	3,446	3,466	3,366	1,628	1,738
Shankhill - Shanganagh	2,737	3,967	4,911	5,398	2,639	2,759
South Dock	3,123	2,968	2,589	3,294	1,513	1,781
St. Kevin's	3,497	3,067	3,047	3,549	1,782	1,767
Stillorgan - Deerpark	3,300	3,349	3,141	3,019	1,379	1,640
Stillorgan - Kilmacud	5,124	4,775	4,360	3,893	1,826	2,067
Stillorgan - Leopardstown	2,155	2,476	2,443	2,383	1,146	1,237
Stillorgan - Merville	2,626	2,540	2,445	2,798	1,267	1,531
Stillorgan - Mount Merrion	2,725	2,576	2,523	2,417	1,076	1,341
Stillorgan - Priory	2,089	1,824	1,721	1,573	747	826
Woodquay A	2,574	2,148	1,949	2,641	1,304	1,337
Woodquay B	3,862	3,361	3,462	3,525	1,629	1,896
	237,993	237,647	244,548	255,695	119,933	135,762

## Appendix B

## Estimated Population Aged Over 75 Years 1991 - 2006

## RHD Catchment Area

DED Name	Total Population Aged 75 Plus	Estimated Population Aged 75 Plus	Estimated Population Aged 75 Plus	Estimated Population Aged 75 Plus
	1991	1996	2001	2006
Ballinteer - Broadford	43	46	50	52
Ballinteer - Ludford	33	36	38	40
Ballinteer - Meadowbroads	71	76	82	86
Ballinteer - Meadowmount	59	64	68	71
Ballinteer - Woodpark	105	113	122	127
Ballybrack	77	83	89	93
Blackrock - Booterstown	142	153	164	171
Blackrock - Carysfort	181	195	210	218
Blackrock - Central	162	174	188	195
Blackrock - Glenomena	104	112	120	125
Blackrock - Monkstown	165	178	191	199
Blackrock - Newpark	131	141	152	158
Blackrock - Seapoint	92	99	107	111
Blackrock - Stradbroke	99	107	115	119
Blackrock - Templehill	207	223	240	250
Blackrock - Williamstown	132	142	153	159
Cabinteely - Granitefield	70	75	81	84
Cabinteely - Kilbogget	33	36	38	40
Cabinteely - Loughlinstown	34	37	39	41
Cabinteely - Pottery	166	179	192	200
Churchtown - Woodlawn	116	125	134	140
Clonskeagh - Belfield	99	107	115	119
Clonskeagh - Farranboley	93	100	108	112
Clonskeagh - Milltown	100	108	116	121
Clonskeagh - Roebuck	127	137	147	153
Clonskeagh - Windy Arbour	124	134	144	150
Dalkey - Avondale	85	92	98	102
Dalkey - Bullock	258	278	299	311
Dalkey - Coliemore	115	124	133	139
Dalkey Hill	121	130	140	146
Dalkey Upper	142	153	164	171
Dun Laoghaire - East Central	187	201	217	225
Dun Laoghaire - Glasthule	277	298	321	334
Dun Laoghaire - Glenageary	154	166	178	186
Dun Laoghaire - Monkstown Farm	114	123	132	137
Dun Laoghaire - Mount Town	121	130	140	146
Dun Laoghaire - Sallynoggin West	103	111	119	124
Dun Laoghaire - Sallynoggin East	107	115	124	129
Dun Laoghaire - Sallynoggin South	84	90	97	101
Dun Laoghaire - Salthill	109	117	126	131
Dun Laoghaire - Sandycove	376	405	435	453
Dun Laoghaire - West Central	254	274	294	306
Dundrum - Balally	89	96	103	107
Dundrum - Kilmacud	110	118	127	133
Dundrum - Sandycove	68	73	79	82
Dundrum - Sweetmount	71	76	82	86
Dundrum - Taney	73	79	85	88
Foxrock - Beechpark	65	70	75	78
Foxrock - Carrickmines	157	169	182	189
Foxrock - Deans Grange	68	73	79	82
Foxrock - Torquay	59	64	68	71
Glencullen	237	255	274	286

## Appendix B

## Estimated Population Aged Over 75 Years 1991 - 2006

## RHD Catchment Area

Killiney North	160	172	185	193
Killiney South	88	95	102	106
Mansion House A	130	140	151	157
Mansion House B	33	36	38	40
Pembroke East A	179	193	207	216
Pembroke East B	280	301	324	338
Pembroke East C	311	335	360	375
Pembroke East D	465	501	538	561
Pembroke East E	168	181	195	203
Pembroke West A	254	274	294	306
Pembroke West B	171	184	198	206
Pembroke West C	269	290	311	324
Rathmines East A	470	506	544	567
Rathmines East B	424	457	491	511
Rathmines East C	206	222	239	248
Rathmines East D	147	158	170	177
Rathmines West B	136	146	157	164
Rathmines West C	101	109	117	122
Rathmines West D	135	145	156	163
Rathmines West F	186	200	215	224
Royal Exchange A	90	97	104	109
Royal Exchange B	68	73	79	82
Shankhill - Rathmichael	97	104	112	117
Shankhill - Rathsallagh	102	110	118	123
Shankhill - Shanganagh	63	68	73	76
South Dock	195	210	226	235
St. Kevin's	195	210	226	235
Stillorgan - Deerpark	194	209	225	234
Stillorgan - Kilmacud	146	157	169	176
Stillorgan - Leopardstown	69	74	80	83
Stillorgan - Merville	114	123	132	137
Stillorgan - Mount Merrion	180	194	208	217
Stillorgan - Priory	100	108	116	121
Woodquay A	127	137	147	153
Woodquay B	250	269	289	301
<b>RHD Catchment Total</b>	<b>12672</b>	<b>15641</b>	<b>16673</b>	<b>17286</b>
<b>Percent Change From Previous Estimate</b>		<b>23.43</b>	<b>6.19</b>	<b>3.68</b>

Appendix C Estimated Population Aged Over 75 Years 2011 - 2026

RHD Catchment Area

DED Name	Estimated Population Aged 75 Plus 2011	Estimated Population Aged 75 Plus 2016	Estimated Population Aged 75 Plus 2021	Estimated Population Aged 75 Plus 2026
Ballinteer - Broadford	54	58	67	79
Ballinteer - Ludford	42	45	51	61
Ballinteer - Meadowbroads	90	96	110	131
Ballinteer - Meadowmount	75	80	91	109
Ballinteer - Woodpark	133	143	163	194
Ballybrack	97	105	119	142
Blackrock - Booterstown	179	193	220	263
Blackrock - Carysfort	229	246	280	335
Blackrock - Central	205	220	251	300
Blackrock - Glenomena	131	141	161	192
Blackrock - Monkstown	208	224	256	305
Blackrock - Newpark	165	178	203	242
Blackrock - Seapoint	116	125	143	170
Blackrock - Stradbroke	125	134	153	183
Blackrock - Templehill	261	281	321	383
Blackrock - Williamstown	167	179	204	244
Cabinteely - Granitefield	88	95	108	129
Cabinteely - Kilbogget	42	45	51	61
Cabinteely - Loughlinstown	43	46	53	63
Cabinteely - Pottery	210	225	257	307
Churchtown - Woodlawn	146	158	180	214
Clonskeagh - Belfield	125	134	153	183
Clonskeagh - Farranboley	117	126	144	172
Clonskeagh - Milltown	126	136	155	185
Clonskeagh - Roebuck	160	172	197	235
Clonskeagh - Windy Arbour	157	168	192	229
Dalkey - Avondale	107	115	132	157
Dalkey - Bullock	326	350	400	477
Dalkey - Coliemore	145	156	178	213
Dalkey Hill	153	164	187	224
Dalkey Upper	179	193	220	263
Dun Laoghaire - East Central	236	254	290	346
Dun Laoghaire - Glasthule	350	376	429	512
Dun Laoghaire - Glenageary	194	209	239	285
Dun Laoghaire - Monkstown Farm	144	155	177	211
Dun Laoghaire - Mount Town	153	164	187	224
Dun Laoghaire - Sallynoggin West	130	140	160	190
Dun Laoghaire - Sallynoggin East	135	145	166	198
Dun Laoghaire - Sallynoggin South	106	114	130	155
Dun Laoghaire - Salthill	138	148	169	202
Dun Laoghaire - Sandycove	475	511	582	695
Dun Laoghaire - West Central	321	345	393	470
Dundrum - Balally	112	121	138	165
Dundrum - Kilmaeud	139	149	170	203
Dundrum - Sandyford	86	92	105	126
Dundrum - Sweetmount	90	96	110	131
Dundrum - Taney	92	99	113	135
Foxrock - Beechpark	82	88	101	120
Foxrock - Carrickmines	198	213	243	290
Foxrock - Deans Grange	86	92	105	126
Foxrock - Torquay	75	80	91	109
Glencullen	299	322	367	438

Appendix C Estimated Population Aged Over 75 Years 2011 - 2026

RHD Catchment Area

Killiney North	202	217	248	296
Killiney South	111	120	136	163
Mansion House A	164	177	201	240
Mansion House B	42	45	51	61
Pembroke East A	226	243	277	331
Pembroke East B	354	380	434	518
Pembroke East C	393	422	482	575
Pembroke East D	587	632	720	860
Pembroke East E	212	228	260	311
Pembroke West A	321	345	393	470
Pembroke West B	216	232	265	316
Pembroke West C	340	365	417	497
Rathmines East A	594	638	728	869
Rathmines East B	535	576	657	784
Rathmines East C	260	280	319	381
Rathmines East D	186	200	228	272
Rathmines West B	172	185	211	251
Rathmines West C	128	137	156	187
Rathmines West D	170	183	209	250
Rathmines West F	235	253	288	344
Royal Exchange A	114	122	139	166
Royal Exchange B	86	92	105	126
Shankhill - Rathmichael	123	132	150	179
Shankhill - Rathsallagh	129	139	158	189
Shankhill - Shangamagh	80	86	98	116
South Dock	246	265	302	361
St. Kevin's	246	265	302	361
Stillorgan - Deerpark	245	263	301	359
Stillorgan - Kilmacud	184	198	226	270
Stillorgan - Leopardstown	87	94	107	128
Stillorgan - Merville	144	155	177	211
Stillorgan - Mount Merrion	227	244	279	333
Stillorgan - Priory	126	136	155	185
Woodquay A	160	172	197	235
Woodquay B	316	340	387	462
<b>RHD Catchment Total</b>	<b>18014</b>	<b>19226</b>	<b>21650</b>	<b>25454</b>
<b>Percent Change From Previous Estimate.</b>	<b>4.21</b>	<b>6.73</b>	<b>12.61</b>	<b>17.57</b>

**Appendix D**

**Population Aged Over 75 Years as a  
Percent of RHD Catchment Area Population**

DED Name	Population 1991	Population Aged Over 75 as a Percent of Total RHD Catchment Area Population	
		Population Aged 75 Plus 1991	75 as a Percent of Total RHD Catchment Area Population
Ballinteer - Broadford	3,302	43	0.02%
Ballinteer - Ludford	2,995	33	0.01%
Ballinteer - Meadowbroads	2,025	71	0.03%
Ballinteer - Meadowmount	2,408	59	0.02%
Ballinteer - Woodpark	4,263	105	0.04%
Ballybrack	3,946	77	0.03%
Blackrock - Booterstown	1,889	142	0.06%
Blackrock - Carysfort	4,689	181	0.07%
Blackrock - Central	2,294	162	0.07%
Blackrock - Glenomena	1,465	104	0.04%
Blackrock - Monkstown	3,229	165	0.07%
Blackrock - Newpark	2,468	131	0.05%
Blackrock - Scapoint	1,492	92	0.04%
Blackrock - Stradbroom	2,416	99	0.04%
Blackrock - Templehill	2,678	207	0.08%
Blackrock - Williamstown	2,227	132	0.05%
Cabinteely - Granitefield	2,840	70	0.03%
Cabinteely - Kilbogget	3,651	33	0.01%
Cabinteely - Loughlinstown	820	34	0.01%
Cabinteely - Pottery	4,941	166	0.07%
Churchtown - Woodlawn	1,336	116	0.05%
Clonskeagh - Belfield	1,670	99	0.04%
Clonskeagh - Farranboley	1,750	93	0.04%
Clonskeagh - Milltown	1,158	100	0.04%
Clonskeagh - Roebuck	1,844	127	0.05%
Clonskeagh - Windy Arbour	2,378	124	0.05%
Dalkey - Avondale	1,702	85	0.03%
Dalkey - Bullock	1,788	258	0.11%
Dalkey - Coliemore	1,507	115	0.05%
Dalkey Hill	1,560	121	0.05%
Dalkey Upper	2,297	142	0.06%
Dun Laoghaire - East Central	1,878	187	0.08%
Dun Laoghaire - Glasthule	2,786	277	0.11%
Dun Laoghaire - Glenageary	2,064	154	0.06%
Dun Laoghaire - Monkstown Farm	2,220	114	0.05%
Dun Laoghaire - Mount Town	2,063	121	0.05%
Dun Laoghaire - Sallynoggin West	2,267	103	0.04%
Dun Laoghaire - Sallynoggin East	3,381	107	0.04%
Dun Laoghaire - Sallynoggin South	1,609	84	0.03%
Dun Laoghaire - Salthill	1,279	109	0.04%
Dun Laoghaire - Sandycove	3,687	376	0.15%
Dun Laoghaire - West Central	2,060	254	0.10%
Dundrum - Balally	5,391	89	0.04%
Dundrum - Kilmacud	2,063	110	0.04%
Dundrum - Sandyford	4,802	68	0.03%
Dundrum - Sweetmount	2,307	71	0.03%
Dundrum - Taney	2,808	73	0.03%
Foxrock - Beechpark	2,131	65	0.03%
Foxrock - Carrickmines	5,349	157	0.06%

## Appendix D

### Population Aged Over 75 Years as a Percent of RHD Catchment Area Population

Foxrock - Deans Grange	2,784	68	0.03%
Foxrock - Torquay	1,361	59	0.02%
Glencullen	5,258	237	0.10%
Killiney North	4,071	160	0.07%
Killiney South	6,823	88	0.04%
Mansion House A	3,011	130	0.05%
Mansion House B	602	33	0.01%
Pembroke East A	4,427	179	0.07%
Pembroke East B	3,560	280	0.11%
Pembroke East C	3,861	311	0.13%
Pembroke East D	4,332	465	0.19%
Pembroke East E	2,446	168	0.07%
Pembroke West A	3,070	254	0.10%
Pembroke West B	2,397	171	0.07%
Pembroke West C	3,583	269	0.11%
Rathmines East A	4,342	470	0.19%
Rathmines East B	4,273	424	0.17%
Rathmines East C	3,605	206	0.08%
Rathmines East D	2,850	147	0.06%
Rathmines West B	2,790	136	0.06%
Rathmines West C	2,719	101	0.04%
Rathmines West D	3,041	135	0.06%
Rathmines West F	2,938	186	0.08%
Royal Exchange A	1,140	90	0.04%
Royal Exchange B	1,183	68	0.03%
Shankhill - Rathmichael	2,851	97	0.04%
Shankhill - Rathsallagh	3,466	102	0.04%
Shankhill - Shanganagh	4,911	63	0.03%
South Dock	2,589	195	0.08%
St. Kevin's	3,047	195	0.08%
Stillorgan - Deerpark	3,141	194	0.08%
Stillorgan - Kilmacud	4,360	146	0.06%
Stillorgan - Leopardstown	2,443	69	0.03%
Stillorgan - Merville	2,445	114	0.05%
Stillorgan - Mount Merrion	2,523	180	0.07%
Stillorgan - Priory	1,721	100	0.04%
Woodquay A	1,949	127	0.05%
Woodquay B	3,462	250	0.10%
<b>RHD Catchment Total</b>	<b>244,548</b>	<b>12672</b>	<b>5.18%</b>
<b>Total Country Totals</b>	<b>3,525,719</b>	<b>162823</b>	<b>4.62%</b>

**Appendix E**

**MARITAL STATUS OF THE ELDERLY 1986-2011 (National Average)**

	1986						2011					
	SINGLE		MARRIED		WIDOWED		SINGLE		MARRIED		WIDOWED	
	M	F	M	F	M	F	M	F	M	F	M	F
65-74	29.6	25.6	65.9	46.7	16	55.9	18.2	12.3	75.8	67.8	26.1	58.3
75-79	8.5	10	16.2	6.5	7.8	26.3	6.4	5.3	12.8	9.2	11.4	28.9
80 +	6.1	10.7	8.3	3.1	9.7	29.4	6.7	9.1	7.5	2.8	12.4	42.4

**THE VERY OLD ELDERLY - PROJECTED INCREASE 1986-2011**

AGE	1986		1996		2011		% Change 1986-2011		%Change 1986-2011 M & F
	M	F	M	F	M	F	M	F	
75-79	32.5	43.0	32.2	46.1	30.7	46.5	-1.0	-5.0	-1.7
80+	24.0	43.2	28.0	52.4	26.7	54.3	11.2	25.7	20.5
<b>TOTAL</b>	<b>56.5</b>	<b>86.2</b>	<b>60.2</b>	<b>98.5</b>	<b>57.4</b>	<b>100.8</b>	<b>1.6</b>	<b>13.5</b>	<b>8.5</b>

Sources: Irelands Changing Population Structure, Davy Kelleher McCarthy Ltd., 1987 (Medium Emigration Projections)



**Appendix F**

**PROJECTED POPULATION 1986-2021**

NCA, DKM, and CSO (000's)

AGE/YEAR	1986	1996			2006			2011		2021
		NCA	DKM	CSO	NCA	DKM	CSO	DKM	CSO	CSO
0-14	1024.8	891.5	873.4	861.3	821.3	701.2	753.8	641.9	734.9	690.9
15-29	875.9	898.8	779.1	812.5	844.7	755.4	737.1	665.3	688.6	643.9
30-44	664.2	819.2	751.1	744.0	852.2	674.1	712.1	671.9	701.6	680.9
45-64	591.4	699.7	695.2	691.0	890.2	867.2	848.0	910.3	903.2	894.8
65 "+"	384.4	387	394.7	394.7	396.4	389.9	405.1	413.7	437.4	553.1
<b>TOTAL</b>	<b>3540.7</b>	<b>3696.2</b>	<b>3493.5</b>	<b>3503.5</b>	<b>3804.8</b>	<b>3387.8</b>	<b>3456.1</b>	<b>3303.1</b>	<b>3465.7</b>	<b>3463.6</b>