DUMFRIES AND GALLOWAY

Local Development Plan

Main Issues Report - Monitoring Statement

The Population of Dumfries & Galloway

December 2009

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Dumfries & Galloway COUNCIL

Dumfries & Galloway Local Development Plan
The Population of Dumfries & Galloway

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Introduction

This reports highlights the main trends which have taken place in Dumfries & Galloway since the Structure Plan was approved in December 1999.

The population of Dumfries & Galloway

Figures released on 28th April 2009 by the General Register Office for Scotland (GROS) estimate the population of Dumfries & Galloway to have been 148,580 on 30th June 2008, an increase of 800 (0.54 %) since 2001.

In mid-2008 it is estimated that 16.9% of the population were aged under 16, 57.9% were of working age and 25.2% were of pensionable age (65 for men, 60 for women). There were more females (51.6%) than males (48.4%) in Dumfries & Galloway (Table 1).

Table 1 Mid Year Population Estimate by age and sex: 2008

Age	Persons	Males	Females	Age	Persons	Males	Females	Age	Persons	Males	Females
All ages	**148,580**	**71,926**	**76,654**								
0	1,487	744	743	30	1,175	557	618	60	2,404	1,229	1,175
1	1,543	820	723	31	1,128	564	564	61	2,676	1,320	1,356
2	1,491	756	735	32	1,359	656	703	63	2,105	1,049	1,056
3	1,458	757	701	33	1,304	604	700	63	2,055	984	1,071
4	1,404	711	693	34	1,454	691	763	64	2,080	1,033	1,047
0-4	**7,383**	**3,788**	**3,595**	**30-34**	**6,420**	**3,072**	**3,348**	**60-64**	**11,320**	**5,615**	**5,705**
5	1,409	719	690	35	1,524	680	844	65	2,069	966	1,103
6	1,332	695	637	36	1,770	874	896	66	1,954	948	1,006
7	1,426	750	676	37	1,919	928	991	67	1,822	862	960
8	1,428	737	691	38	1,904	915	989	68	1,843	906	937
9	1,526	802	724	39	2,074	968	1,106	69	1,761	821	940
5-9	**7,121**	**3,703**	**3,418**	**35-39**	**9,191**	**4,365**	**4,826**	**65-69**	**9,449**	**4,503**	**4,946**
10	1,730	852	878	40	2,035	930	1,105	70	1,685	841	844
11	1,628	811	817	41	2,172	1,059	1,113	71	1,727	848	879
12	1,783	944	839	42	2,285	1,113	1,172	72	1,616	763	853
13	1,798	905	893	43	2,364	1,157	1,207	73	1,466	662	804
14	1,885	974	911	44	2,352	1,127	1,225	74	1,452	664	788
10-14	**8,824**	**4,486**	**4,338**	**40-44**	**11,208**	**5,386**	**5,822**	**70-74**	**7,946**	**3,778**	**4,168**
15	1,829	893	936	45	2,421	1,178	1,243	75	1,443	684	759
16	1,893	962	931	46	2,374	1,141	1,233	76	1,334	614	720
17	1,868	952	916	47	2,311	1,120	1,191	77	1,258	576	682
18	1,651	909	742	48	2,206	1,029	1,177	78	1,224	534	690
19	1,531	830	701	49	2,162	1,024	1,138	79	1,147	468	679
15-19	**8,772**	**4,546**	**4,226**	**45-49**	**11,474**	**5,492**	**5,982**	**75-79**	**6,406**	**2,876**	**3,530**
20	1,530	830	700	50	2,194	1,067	1,127	80	999	404	595
21	1,533	810	723	51	2,119	1,007	1,112	81	1,004	413	591
22	1,454	772	682	52	2,149	1,034	1,115	82	889	382	507
23	1,441	771	670	53	2,084	1,004	1,080	83	836	335	501
24	1,331	646	685	54	2,093	1,041	1,052	84	665	241	424
20-24	**7,289**	**3,829**	**3,460**	**50-54**	**10,639**	**5,153**	**5,486**	**80-84**	**4,393**	**1,775**	**2,618**
25	1,171	602	569	55	2,063	983	1,080	85	655	241	414
26	1,236	581	655	56	2,073	1,009	1,064	86	575	203	372
27	1,300	662	638	57	2,144	1,075	1,069	87	494	170	324
28	1,266	590	676	58	2,308	1,154	1,154	88	436	156	280
29	1,265	581	684	59	2,352	1,179	1,173	89	273	90	183
25-29	**6,238**	**3,016**	**3,222**	**55-59**	**10,940**	**5,400**	**5,540**	**85-89**	**2,433**	**860**	**1,573**
								90 & over	**1,134**	**283**	**851**

Population change 1998-2008

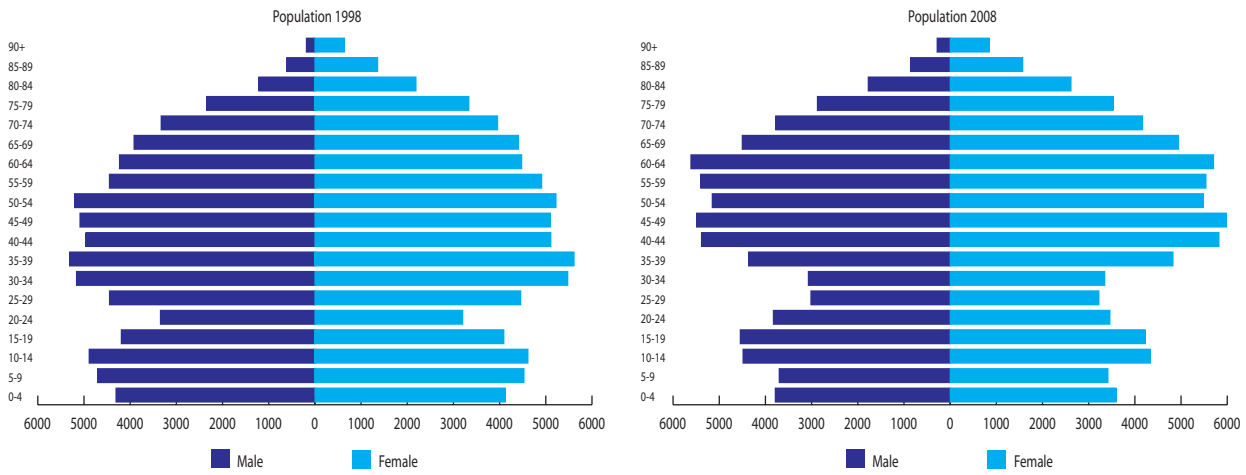
Three factors influence population change – births, deaths and migration. Over the past decade Dumfries & Galloway's population has been in a state of "natural decline" with more deaths per year than births (Table 2).

Table 2 Components of population change 1998/2008

Year	Estimated population at start	Births	Deaths	Natural change	Migration & Other Changes	Estimated population at end	Population change	
							Number	%
1998-99	148,740	1,426	1,854	-428	-82	148,230	-510	-0.3
1999-00	148,230	1,370	1,830	-460	-230	147,540	-690	-0.5
2000-01	147,540	1,299	1,730	-431	671	147,780	240	0.2
2001-02	147,780	1,287	1,790	-503	33	147,310	-470	-0.3
2002-03	147,310	1,357	1,852	-495	395	147,210	-100	-0.1
2003-04	147,210	1,348	1,870	-522	1,242	147,930	720	0.5
2004-05	147,930	1,418	1,868	-450	860	148,340	410	0.3
2005-06	148,340	1,449	1,935	-486	176	148,030	-310	-0.2
2006-07	148,030	1,503	1,804	-301	571	148,300	270	0.2
2007-08	148,300	1,476	1,799	-323	603	148,580	280	0.2

The current (2008) position shows the effect of our declining birth rate (for example in 2008 there were 143 fewer births in Dumfries & Galloway than in 1998). This, along with improvements in mortality rates and the ageing on of the "baby boomers" has resulted in a narrowing in the base of the pyramid and a generally older population (Fig. 1).

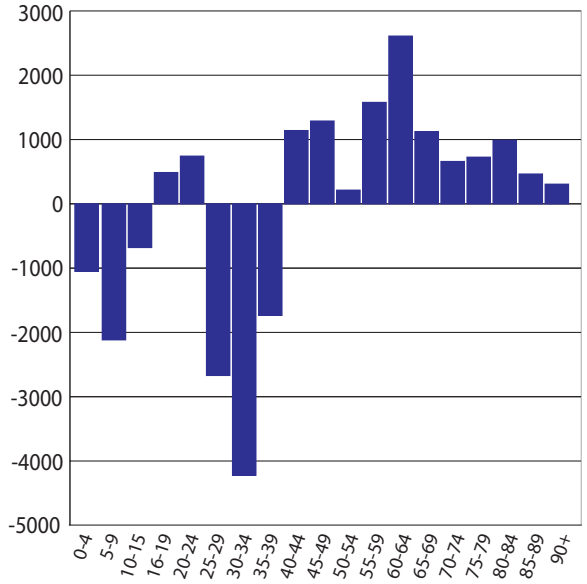
Fig. 1: Changes in the age/sex profile of Dumfries & Galloway's population 1998 & 2008



Changing age structure of Dumfries & Galloway's population 1998 -2008

The age structure of Dumfries & Galloway's population has changed considerably since 1998 (Fig. 2). This is important as changes in different age groups will have different social and economic impacts. Of particular concern is the decrease of 17.9% in the number of children under 10, whilst there has been an increase of a fifth (20.9%) in the number of people aged over 75. The continuing ageing of the population is evident in the rise of the 55-64 age group (23.2%) and the fall in the 25-39 age group (-28.3%).

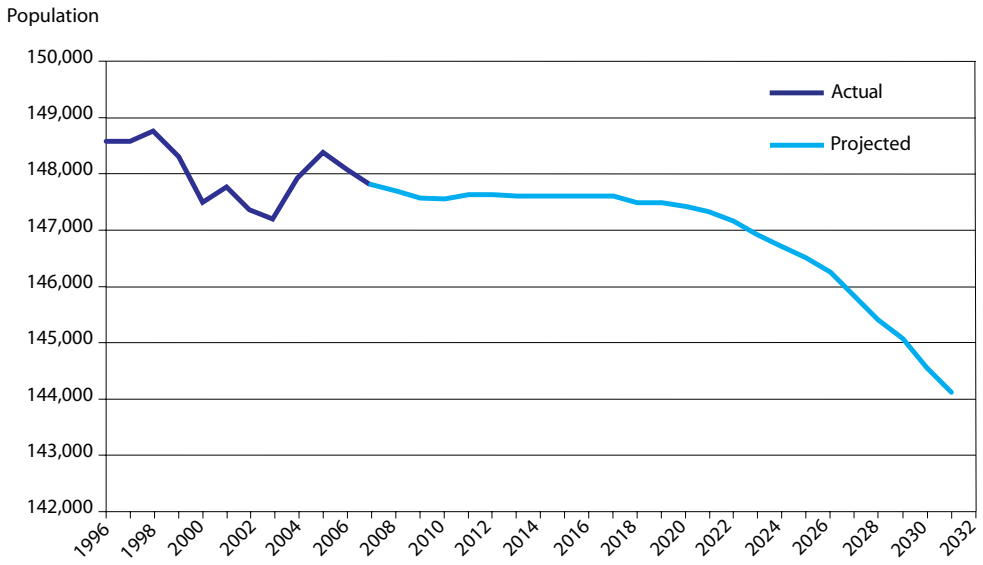
Fig. 2: Population change by 5 year age bands



Dumfries & Galloway's projected population

Dumfries & Galloway's population is set to drop to 144,061 by 2031 according to the latest population projections (2006 based) released by the General Register Office for Scotland (GROS). This represents a decrease of 2.7% (3,969 people) from the 2006 population of 148,030. Fig. 3 shows the actual and projected population for Dumfries & Galloway between 1996 and 2031.

Fig. 3: Actual and projected population 1996-2031



Birth rates are expected to drop to 1,130 births in 2030/2031 compared to 1,445 births in 2006/2007, a decline of 21.8%. Death rates are expected to reach 2,056 deaths by 2030/2031 compared to 1,821 deaths in 2006/2007, a rise of 12.9%. Given that there are consistently more deaths than births in Dumfries & Galloway every year, the growth in population experienced recently was heavily reliant on in-migration from other parts of the UK/abroad. The net-migration assumptions used in the 2006 based projection are: 200 for 2006/07, 250 for 2007/08, 300 for 2008/09, 350 for 2009/10 & 2010/11 and 400 per annum for the remainder of the projection to 2031.

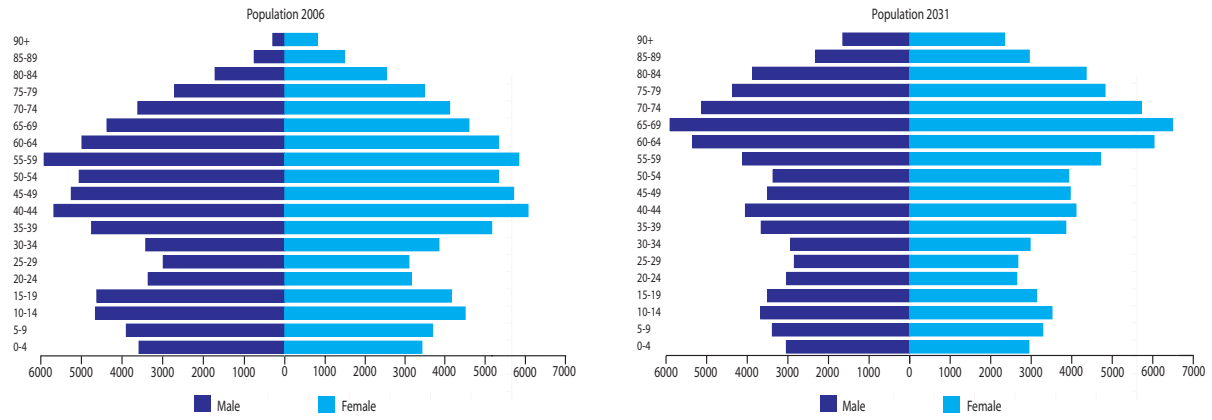
It is important to remember from the outset that these results are based on past trends and do not take account of any policy initiatives which may influence the demographic profile of Dumfries & Galloway in the future. They do however represent a useful baseline which to measure our demographic change.

Projected population change 2006-2031

Despite the projected decrease in population over the next 25 years, the pattern of continued population ageing outlined in previous projections is again the key point to note. The implication of this for service providers and policy makers in Dumfries & Galloway remains unchanged.

Fig. 4 shows the projected population change by age group between 2006 and 2031. The top heavy 2031 pyramid shows the inevitable ageing of the 2006 population.

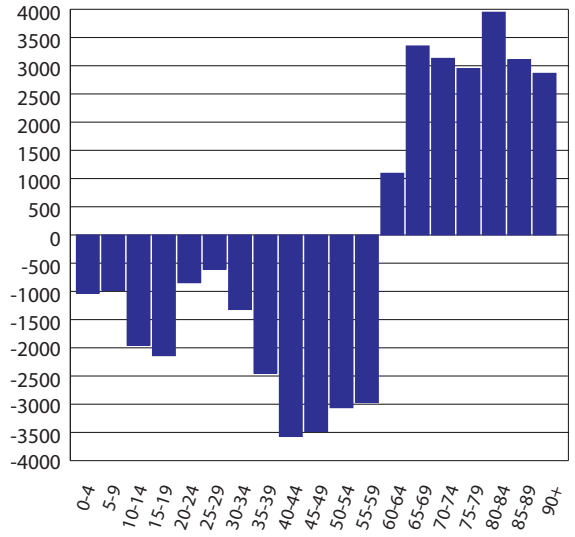
Fig. 4: Change in the age/sex profile of Dumfries & Galloway's population 2006 & 2031



Projected population age structure 2006-2031

Fig. 5 shows very clearly that Dumfries & Galloway is projected to see significant population declines in the number of children, young people and those of working age in the area. This includes the 15-29 and 30-49 age groups which contain the key family formation/fertile years which are important to the long term sustainability of Dumfries & Galloway's population. The population of those of retirement age (65 for men, 60 for women) is projected to reach 55,923 by 2031 (almost 40% of Dumfries & Galloway's projected population). This represents an increase of 56.0% (20,084 people) from the 2006 population of 35,839.

Fig. 5: Population change by 5 year age bands



The General Register Office for Scotland (GROS) has produced mid year population estimates for all Scottish datazones for the period 1998 to 2008. Datazones are geographic units designed for use by Scottish Neighbourhood Statistics. They typically have populations of 500 to 1,000. These can be aggregated up, allowing analysis of population trends for each of the Authority's four areas, namely Annandale & Eskdale, Nithsdale, Stewartry and Wigtown.

Population by local area 2008

The 2008 Mid Year population estimates for each local area by 5 year age bands and sex are shown in detail in Table 3.

Table 3 Population estimates by 5 year age band : 2008

Age	Persons	Males	Females	Age	Persons	Males	Females	Age	Persons	Males	Females
All ages	**148,580**	**71,926**	**76,654**								
A&E	**37,490**	**18,235**	**19,255**								
N	**58,042**	**28,022**	**30,020**								
S	**24,079**	**11,742**	**12,337**								
W	**28,969**	**13,927**	**15,042**								
0-4	**7,383**	**3,788**	**3,595**	**30-34**	**6,420**	**3,072**	**3,348**	**60-64**	**11,320**	**5,615**	**5,705**
A&E	1,777	913	864	A&E	1,599	740	859	A&E	2,903	1,441	1,462
N	3,108	1,622	1,486	N	2,663	1,287	1,376	N	3,966	1,973	1,993
S	1,038	526	512	S	886	433	453	S	1,985	981	1,004
W	1,460	727	733	W	1,272	612	660	W	2,466	1,220	1,246
5-9	**7,121**	**3,703**	**3,418**	**35-39**	**9,191**	**4,365**	**4,826**	**65-69**	**9,449**	**4,503**	**4,946**
A&E	1,739	903	836	A&E	2,316	1,092	1,224	A&E	2,423	1,148	1,275
N	2,880	1,463	1,417	N	3,783	1,782	2,001	N	3,340	1,605	1,735
S	1,105	609	496	S	1,340	644	696	S	1,635	766	869
W	1,397	728	669	W	1,752	847	905	W	2,051	984	1,067
10-15	**10,653**	**5,379**	**5,274**	**40-44**	**11,208**	**5,386**	**5,822**	**70-74**	**7,946**	**3,778**	**4,168**
A&E	2,671	1,366	1,305	A&E	2,755	1,331	1,424	A&E	2,025	997	1,028
N	4,272	2,131	2,141	N	4,629	2,222	2,407	N	2,781	1,286	1,495
S	1,648	866	782	S	1,794	869	925	S	1,437	676	761
W	2,062	1,016	1,046	W	2,030	964	1,066	W	1,703	819	884
16-19	**6,943**	**3,653**	**3,290**	**45-49**	**11,474**	**5,492**	**5,982**	**75-79**	**6,406**	**2,876**	**3,530**
A&E	1,712	901	811	A&E	2,975	1,446	1,529	A&E	1,656	776	880
N	2,934	1,540	1,394	N	4,568	2,178	2,390	N	2,260	989	1,271
S	1,024	553	471	S	1,829	863	966	S	1,224	547	677
W	1,273	659	614	W	2,102	1,005	1,097	W	1,266	564	702
20-24	**7,289**	**3,829**	**3,460**	**50-54**	**10,639**	**5,153**	**5,486**	**80-84**	**4,393**	**1,775**	**2,618**
A&E	1,812	946	866	A&E	2,752	1,319	1,433	A&E	1,102	448	654
N	3,094	1,628	1,466	N	4,118	2,015	2,103	N	1,626	639	987
S	1,086	602	484	S	1,722	827	895	S	864	372	492
W	1,297	653	644	W	2,047	992	1,055	W	801	316	485
25-29	**6,238**	**3,016**	**3,222**	**55-59**	**10,940**	**5,400**	**5,540**	**85-89**	**2,433**	**860**	**1,573**
A&E	1,537	776	761	A&E	2,780	1,369	1,411	A&E	635	248	387
N	2,743	1,290	1,453	N	4,035	1,998	2,037	N	851	276	575
S	845	443	402	S	1,953	941	1,012	S	479	173	306
W	1,113	507	606	W	2,172	1,092	1,080	W	468	163	305
								90 & over	**1,134**	**283**	**851**
								A&E	321	75	246
								N	391	98	293
								S	185	51	134
								W	237	59	178

**The age band 10-19 was split into 2 groups; 10-15 and 16-19. This will allow the creation of the broad age bands: children (0-15), working age (16-59/64) and pensionable age (60/65 and over)*

Population change by local area 1998-2008

Dumfries & Galloway's population decreased by 0.1% (160 people) between 1998 and 2008. It is now possible to look at the local variations in population change by local area. Population has increased in the Annandale & Eskdale area (1.8%), the population in Nithsdale and Stewartry area has remained static while the Wigtown area saw a 3.4 % fall in population. This is shown in Table 4.

Table 4 Population change by local area 1998-2008

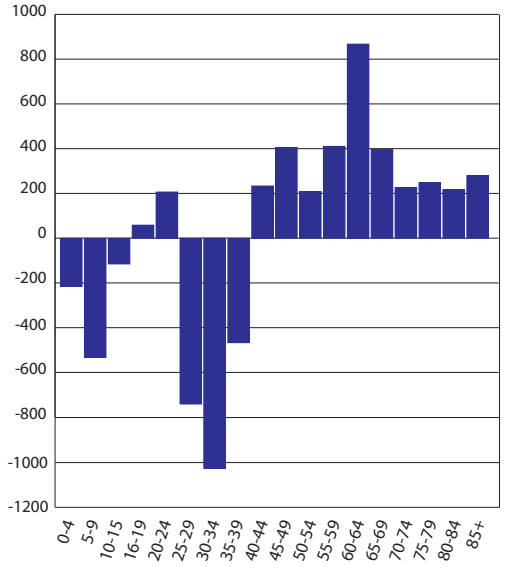
	1998	2008	Change	% Change
Annandale & Eskdale	36,821	37,490	669	1.8
Nithsdale	57,932	58,042	110	0.2
Stewartry	24,002	24,079	77	0.3
Wigtown	29,985	28,969	-1,016	-3.4
Dumfries & Galloway	148,740	148,580	-160	-0.1

Changing age structure for the Annandale & Eskdale area 1998-2008

The Annandale & Eskdale area has:

- 748 (17.5%) fewer children under 10 than in 1998;
- 2,222 (29.0%) less people aged 25-39 than in 1998;
- 2,234 (25.3%) more people aged 60 and over than in 1998;
- 745 (25.1%) more people aged 75 and over than in 1998

Fig. 6: Changing age structure in the Annandale & Eskdale area 1998-2008

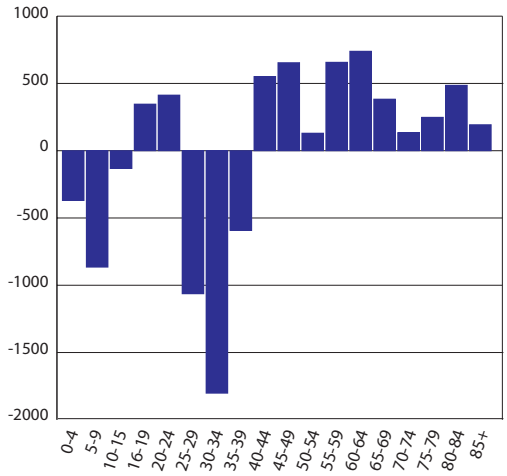


Changing age structure for the Nithsdale area 1998-2008

The Nithsdale area has:

- 865 (23.1%) fewer children (aged 5-9) than in 1998;
- 759 (14.4%) more young adults (aged 16-24) than in 1998;
- 3,457 (27.3%) less people aged 25-39 than in 1998;
- 2,183 (16.8%) more people aged 60 and over than in 1998;
- 927 (22.1%) more people aged 75 and over than in 1998

Fig. 7: Changing age structure in the Nithsdale area 1998-2008

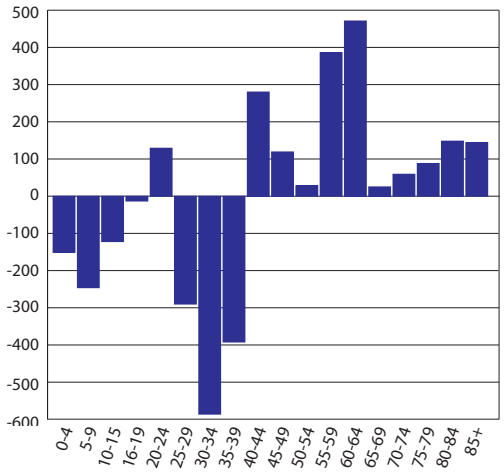


Changing age structure for the Stewartry area 1998-2008

The Stewartry area has:

- 519 (12.0%) fewer children under 16 than in 1998;
- 1,268 (29.2%) less people aged 25-39 than in 1998;
- 935 (13.6%) more people aged 60 and over than in 1998;
- 292 (23.6%) more people aged 80 and over than in 1998

Fig. 8: Changing age structure in the Stewartry area 1998-2008

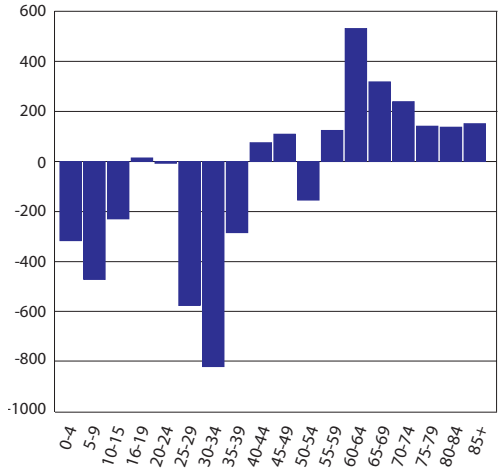


Changing age structure for the Wigtown area 1998-2008

The Wigtown area has:

- 1,016 (17.1%) fewer children under 16 than in 1998;
- 1,678 (28.9%) less people aged 25-39 than in 1998;
- 1,517 (20.3%) more people aged 60 and over than in 1998;
- 429 (18.3%) more people aged 75 and over than in 1998

Fig. 9: Changing age structure in the Wigtown area 1998-2008



Population in main settlements 2001

Dumfries (inc Heathhall, Locharbriggs & Cargenbridge) with a population of 37,846 is the largest settlement in Dumfries & Galloway with only two other settlements above 5,000 in population, namely Stranraer (10,851) and Annan (8,389). There are 13 settlements with a population between 1,000 and 5,000 and 9 settlements with a population between 500 and 1,000.

Table 5: Population in main settlements 2001

Settlement	Persons	Males	Females	Area (ha)	Density
Scotland	5,062,011	2,432,494	2,629,517	7,799,170	0.65
Dumfries & Galloway	147,765	71,303	76,462	642,601	0.23
Annan	8,389	4,008	4,381	446	18.80
Castle Douglas	3,671	1,733	1,938	162	22.69
Creetown	685	327	358	35	19.80
Dalbeattie	4,289	2,016	2,273	192	22.31
Dumfries (inc Heathhall/ Locharbriggs/Cargenbridge)	37,846	18,068	19,780	1,848	20.48
Eaglesfield	616	298	318	47	13.04
Eastriggs	1,683	819	864	79	21.27
Ecclefechan	746	354	392	39	19.16
Gatehouse of Fleet	892	428	464	59	15.03
Glenluce	611	282	329	46	13.21
Gretna (inc Gretna Green/ Springfield)	2,705	1,282	1,423	100	27.15
Kirkconnel (inc Kelloholm)	2,074	995	1,079	84	24.81
Kirkcudbright	3,447	1,650	1,797	152	22.63
Langholm	2,311	1,116	1,195	97	23.87
Lochmaben	1,952	942	1,010	80	24.32
Lockerbie	4,009	1,909	2,100	236	17.00
Moffat	2,135	978	1,157	97	22.02
Newton Stewart (inc Minnigaff)	3,573	1,639	1,934	173	20.63
Port William	468	219	249	30	15.74
Portpatrick	585	276	309	50	11.65
Sanquhar	2,028	969	1,059	92	21.99
Stranraer	10,851	5,101	5,750	373	29.06
Thornhill	1,512	681	831	94	16.08
Whithorn	867	398	469	46	18.78
Wigtown	987	468	519	37	26.98

Population age structure in main settlements 2001

All settlements with the exception of Eastriggs has a higher proportion of residents aged 60 and over than the Scottish average. The settlements of Gatehouse of Fleet, Kirkcudbright, Moffat, Port William, Portpatrick and Thornhill all have a significant elderly population.

Table 6: Population age structure in main settlements

Settlement	Persons	Percentage of people aged			
		0-15	16-24	25-59	60 & over
Scotland	5,062,011	19.21	11.19	48.53	21.07
Dumfries & Galloway	147,765	18.85	8.50	47.30	25.33
Annan	8,389	19.31	8.91	46.73	25.05
Castle Douglas	3,671	17.71	8.41	45.00	28.88
Creetown	685	19.57	7.45	43.21	29.78
Dalbeattie	4,289	17.81	9.06	44.83	28.28
Dumfries (inc Heathhall/ Locharbriggs/Cargenbridge)	37,846	19.70	9.59	48.55	22.15
Eaglesfield	616	17.04	7.14	51.14	24.68
Eastriggs	1,683	20.03	8.67	51.04	20.27
Ecclefechan	746	17.96	9.65	48.12	24.27
Gatehouse of Fleet	892	14.12	6.17	41.58	38.11
Glenluce	611	19.31	7.37	46.81	26.52
Gretna (inc Gretna Green/ Springfield)	2,705	21.07	9.05	45.70	24.18
Kirkconnel (inc Kelloholm)	2,074	20.01	10.27	46.58	23.15
Kirkcudbright	3,447	15.17	8.96	43.49	32.37
Langholm	2,311	17.22	7.70	49.33	25.75
Lochmaben	1,952	18.03	9.07	46.62	26.27
Lockerbie	4,009	16.97	9.80	45.28	27.96
Moffat	2,135	17.89	8.52	41.97	31.62
Newton Stewart (inc Minnigaff)	3,573	18.75	8.34	44.62	28.29
Port William	468	17.74	4.92	38.46	38.89
Portpatrick	585	15.73	6.33	45.13	32.82
Sanquhar	2,028	20.66	8.78	45.17	25.40
Stranraer	10,851	19.58	9.20	46.23	24.99
Thornhill	1,512	13.30	7.14	41.14	38.43
Whithorn	867	21.34	8.07	44.40	26.17
Wigtown	987	18.44	8.51	43.37	29.70