

2011 Census: Briefing Note 1 – August 2012: Total population and age and sex structure

The 2011 Census of Population took place on Sunday 27th March 2011 in England and Wales. It was carried out by the Office for National Statistics (ONS) as part of its programme for understanding life in the UK. Around 25 million households were issued with a questionnaire designed to collect detailed information about where people live, what they do for a living, what sort of homes and families they have, their general health, their educational attainment and how these factors have changed over time. A 95% response rate was achieved in Nottinghamshire, this compares to a 94% response rate nationally.

This briefing note contains an analysis of the first release of 2011 census data which includes population data for the administrative county of Nottinghamshire by age and household data by district. A summary of population change since 2001 is also included. Details of the response rates and the quality control assessments are given in Appendix A. Appendix B gives details of the percentage of household returns of the 2011 census form made electronically/online. Finally Appendix C provides tables of the data used to produce the various charts used in this paper. Please note that all figures are rounded to the nearest 100 (both for 2011 and 2001 data).

The key figures for Nottinghamshire are as follows:

- The Nottinghamshire population stood at 785,800 on census day, an increase of 37,300 from the comparable figure for 2001. The rate of population growth in Nottinghamshire was 5%, which is lower than that of the East Midlands (8.7%) and England (7.9%).

Children

- The number of children of pre-school age (0-4 years) in the county increased by nearly 10% between 2001 and 2011 (41,200 to 45,300), whilst the number of school age children (5-19 years) decreased by some 3.6% between 2001 and 2011 (140,400 to 135,400). This factor will need to be considered when planning for the future needs of children's services across the county.
- Children aged 0-14 represented 16.9% of Nottinghamshire's total population, lower than both the East Midlands (17.3%) and England (17.7%). Ashfield District showed the highest percentage of children aged 0-14 in Nottinghamshire (17.8%) whereas Broxtowe District in 2011 had the lowest percentage (15.9%).
- Mansfield District experienced the greatest growth in the number of children aged 0-4 years between 2001 and 2011 (20% increase, 5,400 to 6,400), whilst Newark and Sherwood District experienced the least growth (6.5%, 5,900 to 6,300).
- The County experienced a 3.6% decrease in the number of children aged 5-19 years between 2001 and 2011 (140,400 to 135,400). Mansfield and Broxtowe Districts experienced the greatest decrease (9%), whilst Ashfield and Rushcliffe Districts experienced negligible increases (1% respectively).

Older people

- The number of people aged 65+ in the county increased by 15.8% between 2001 and 2011 (123,000 to 142,400), representing in 2011 18.1% of the county's total population (up from 16.45% in 2001). This is a higher percentage than for the East Midlands (17.1%) and England (16.3%).
- The number of people aged 85+ also increased by 31% between 2001 to 2011 (from 13,900 to 18,200), with this age group now comprising 2.3% of the county's total population (1.9% in 2001).

- The total numbers of people aged 65+ in both Bassetlaw and Rushcliffe Districts increased by 19.3% between 2001 and 2011, whereas Gedling District has the lowest population increase of this age group between 2001 and 2011 (10.6%). Both Broxtowe and Newark and Sherwood Districts experienced a 35% increase in total population aged 85+ between 2001 and 2011; the District with the lowest increase was Gedling (23% increase).
- These increases in the elderly population of the County will have significant implications for the ways in which services are delivered to older people in the County in the future, together with the ways in which older people will be able to access these services. The population increases are happening in the 'rural' Districts of the County such as Bassetlaw and Newark and Sherwood Districts where access to services can be problematic.

District change

- The largest growth in population amongst the 7 Districts in Nottinghamshire was in Newark and Sherwood District with an additional 8,500 population since 2001 (8% increase). The smallest change was in Gedling with an additional 1,800 population (1.6% increase).

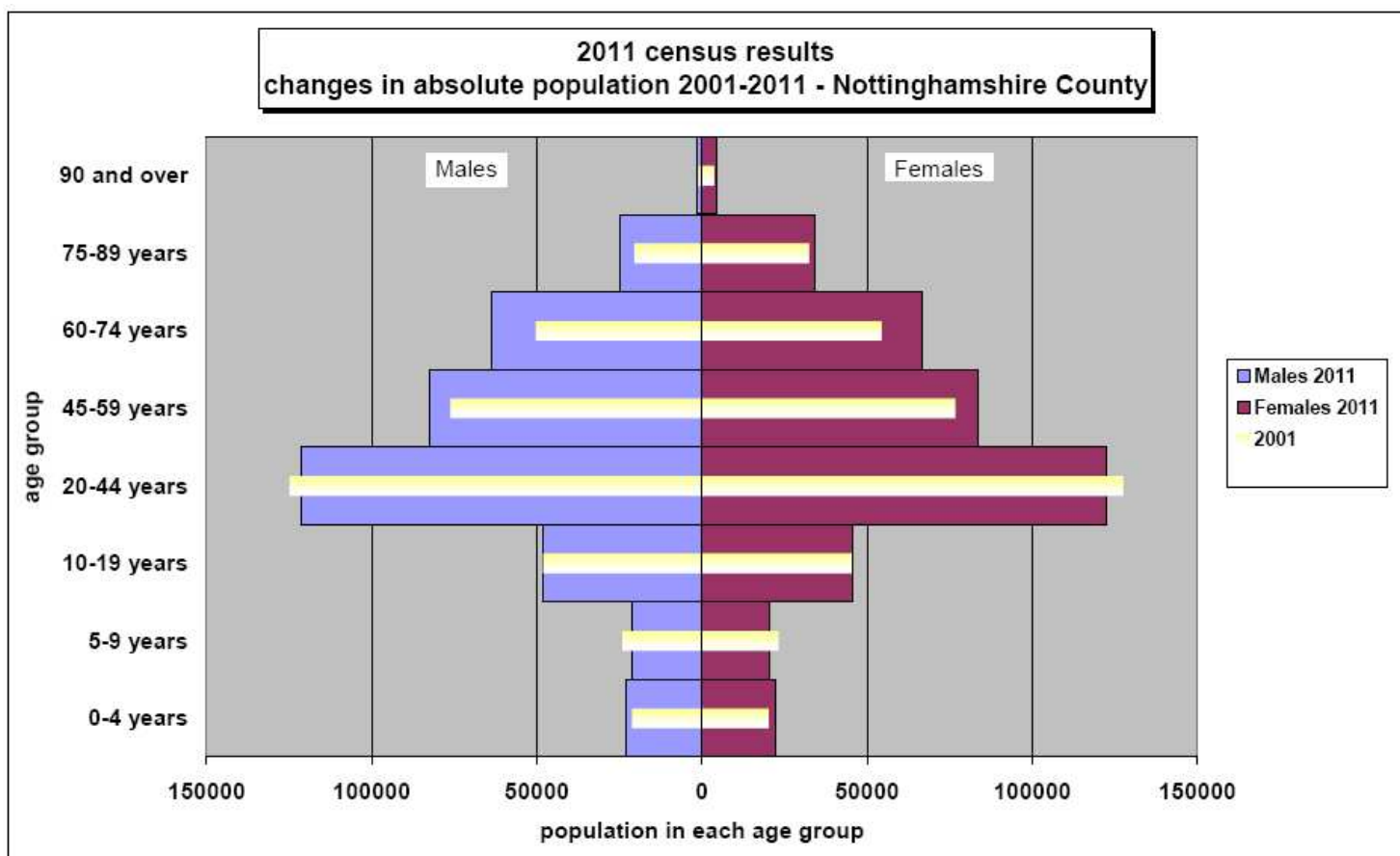
Household change

- The number of households in Nottinghamshire in 2011 was 334,300. This is an increase of around 20,300 from 2001 and represents a change of 6.5%. This is slightly less than the increase for England (7.9%) and the East Midlands (9.4%).
- The number of households in each of the Districts in Nottinghamshire increased since 2001. The largest change was in Newark and Sherwood District with an additional 4,300 households which represents an increase of 9.7%. The smallest change was in Broxtowe District with an additional 1,400 households representing an increase of 3.1%.

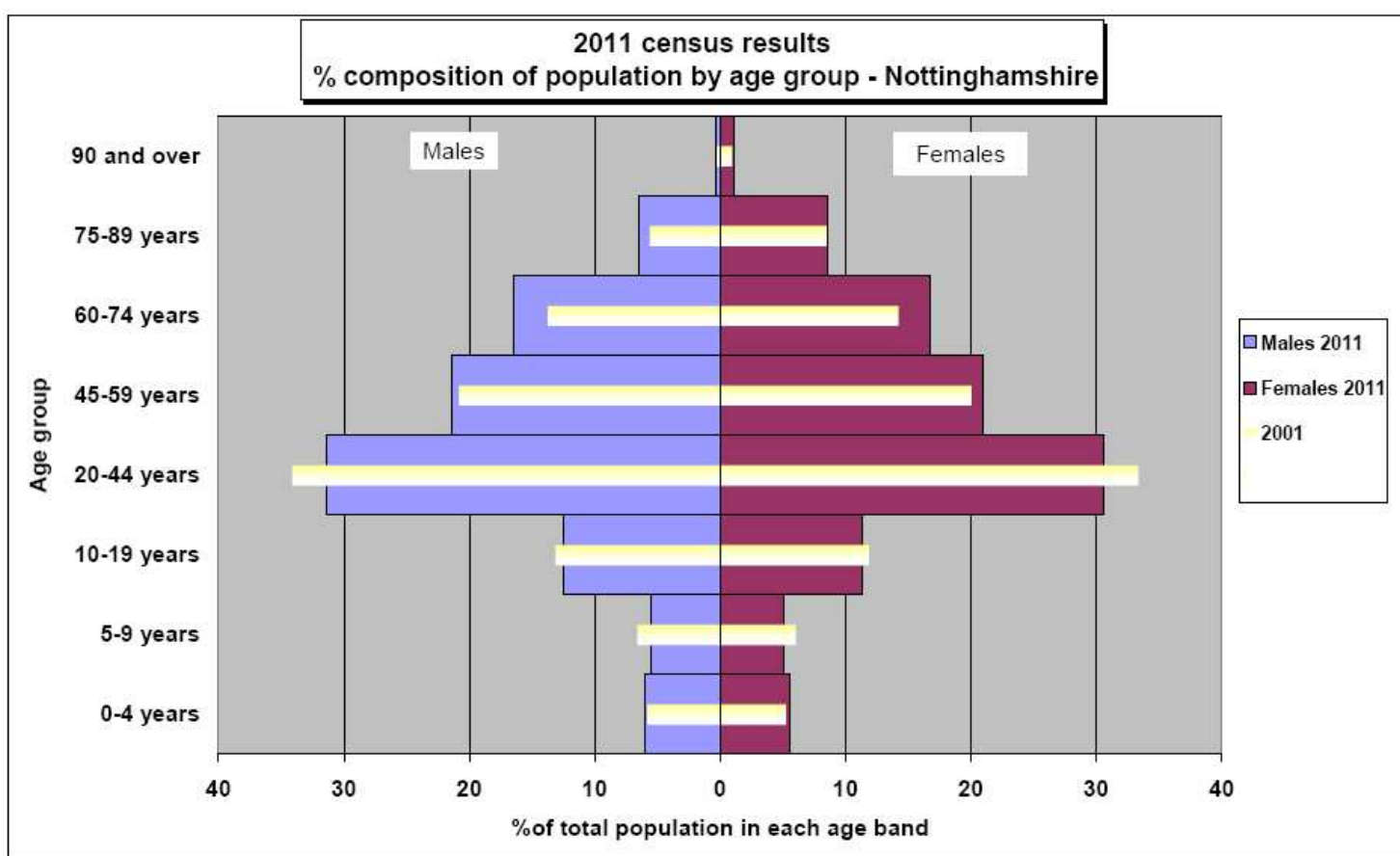
Population by age bands in Nottinghamshire 2001-2011

The chart below shows the absolute changes in population numbers in Nottinghamshire between 2001 and 2011 by sex and age band. The coloured bars represent the numbers of males and females in 2011. The smaller light-coloured bars show the number of males and females in 2001. This enables us to see which age groups have increased/decreased within Nottinghamshire's population between 2001 and 2011.

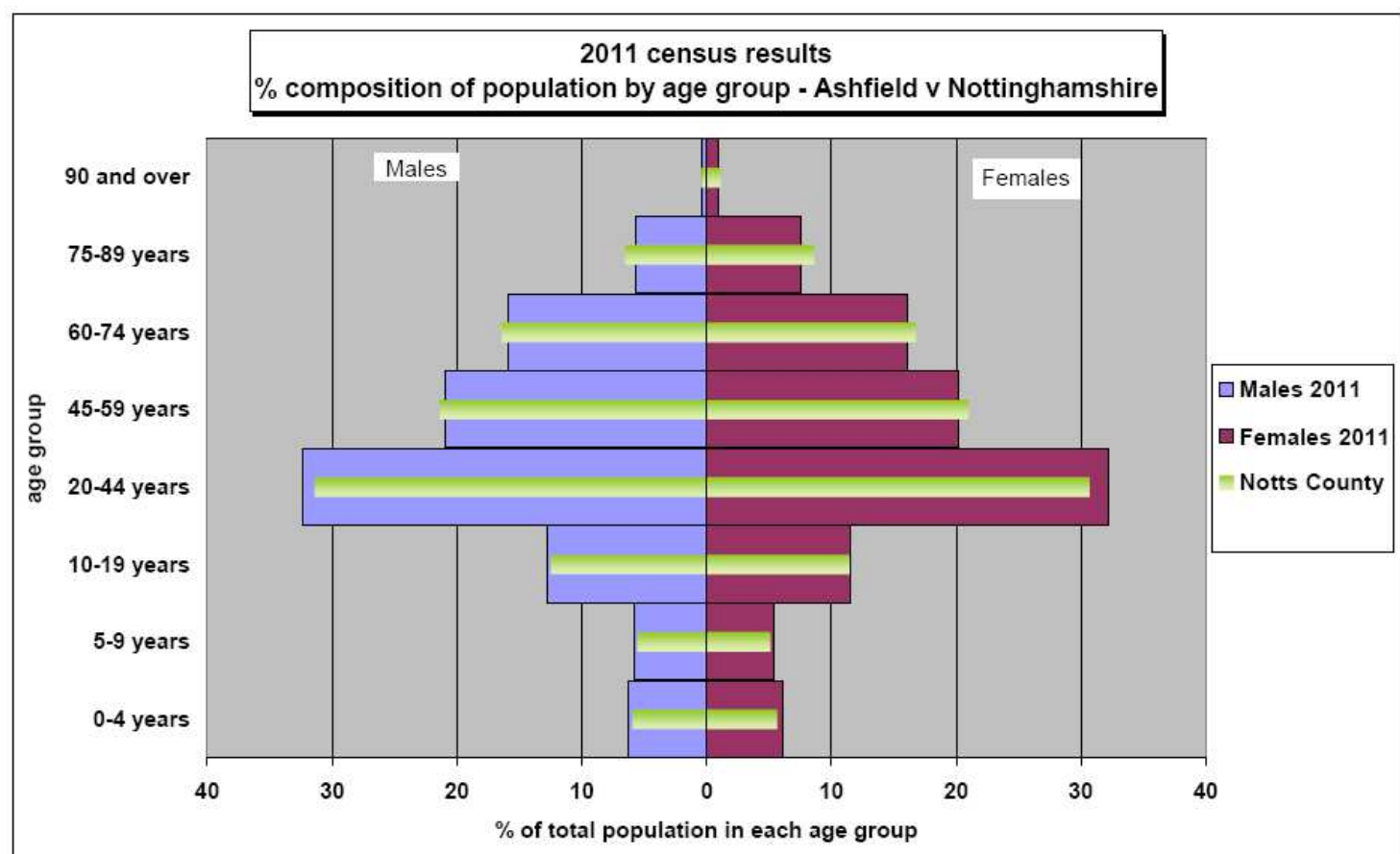
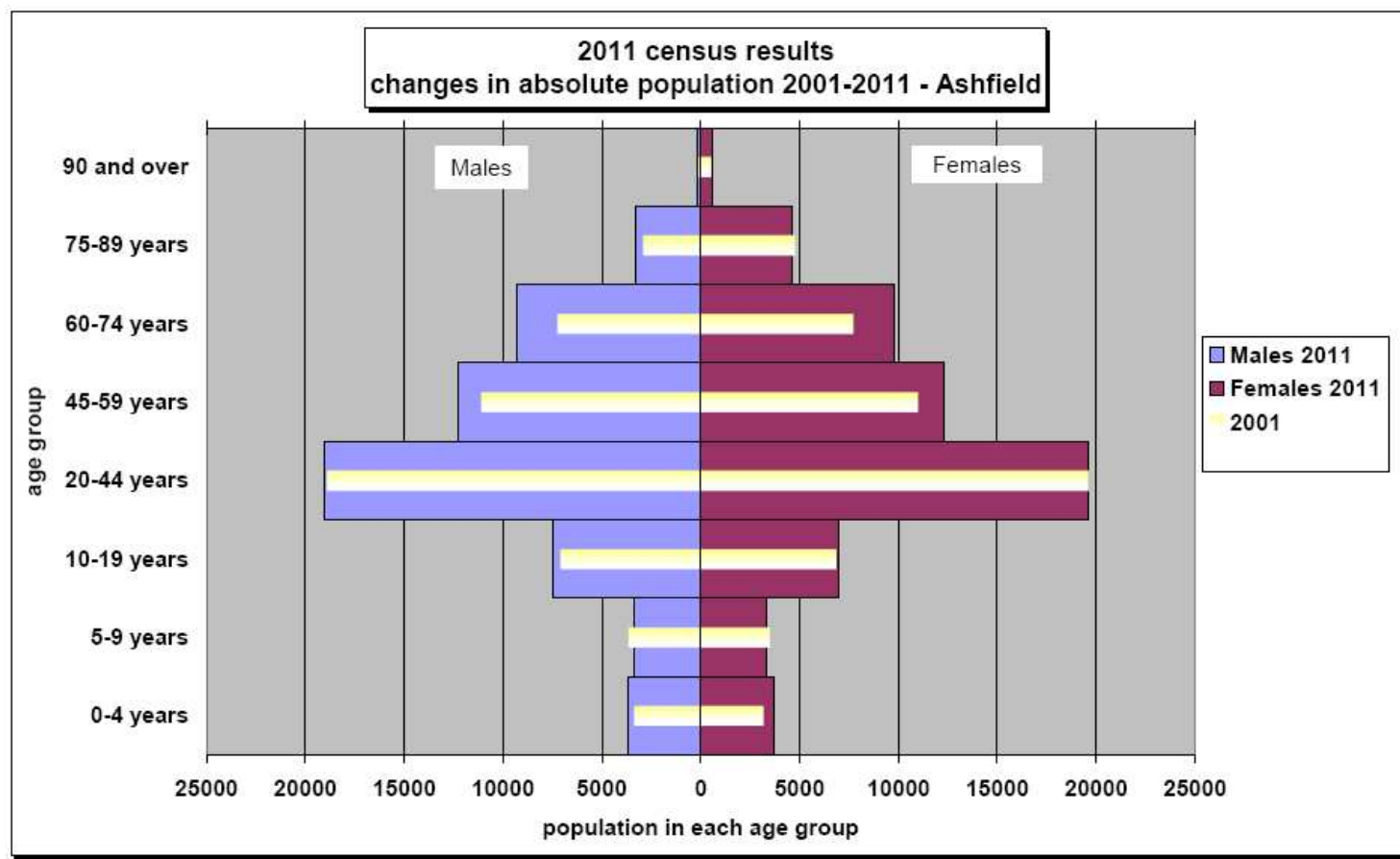
The main point to note is the large increase in population numbers between 2001 and 2011 in the 60-74 years age group for both sexes. Apart from that there is a reduction in population numbers for both males and females in the 20-44 years age group; and a small increase in population for both numbers for both sexes in the 45-49 years age group. There is a larger increase in population numbers in the 75-89 years age group, for males than for females, indicating a relatively greater improvement in survival rates for that group.



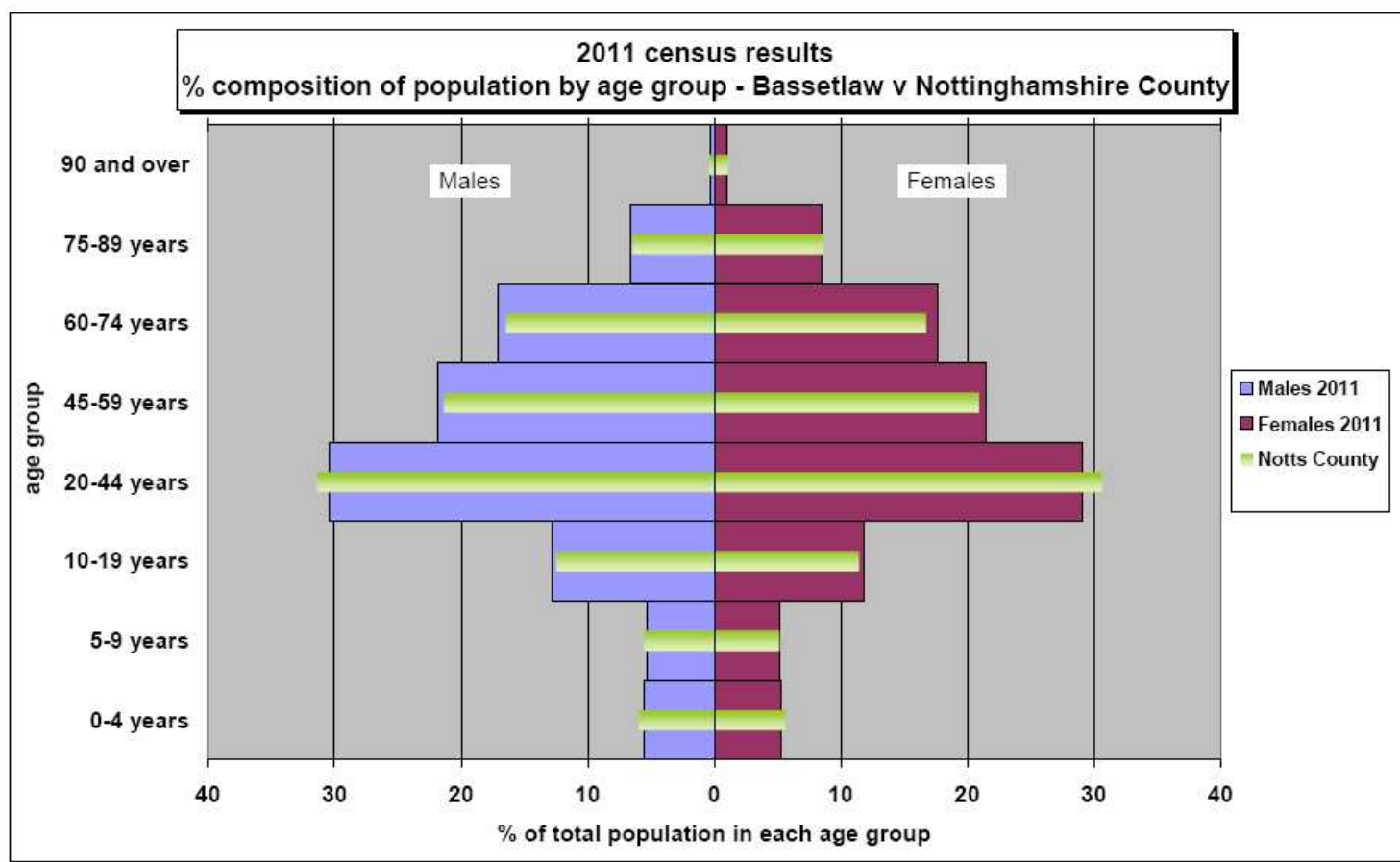
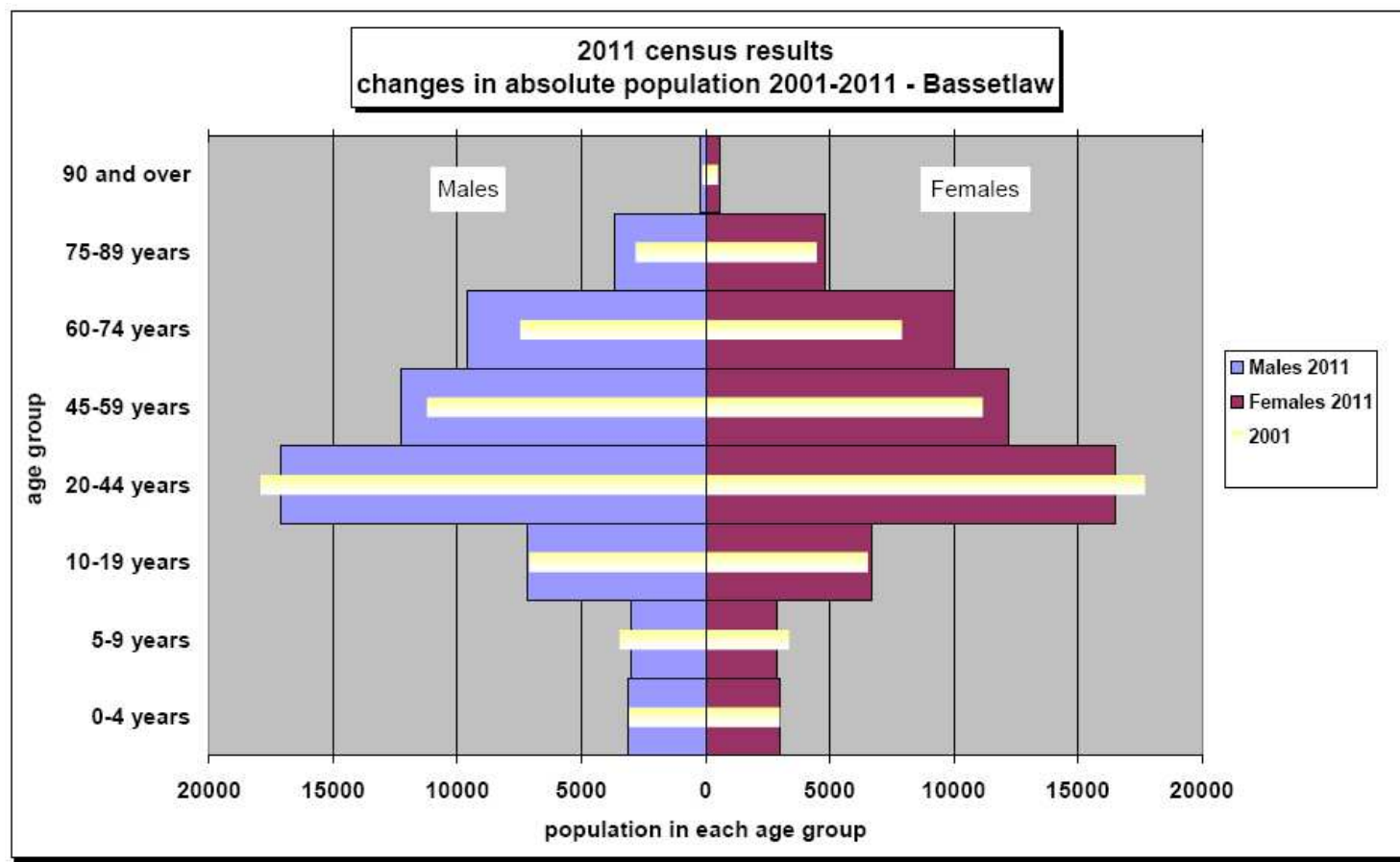
The second chart below shows changes in the composition of the Nottinghamshire population between 2001 and 2011. There has been a reduction in the proportion of the population aged 20-44 years and to a lesser extent the age groups 10-19 years and 5-9 years, and an increase in the proportion in other age groups, especially 60-74 years and men in the 75-89 age group.



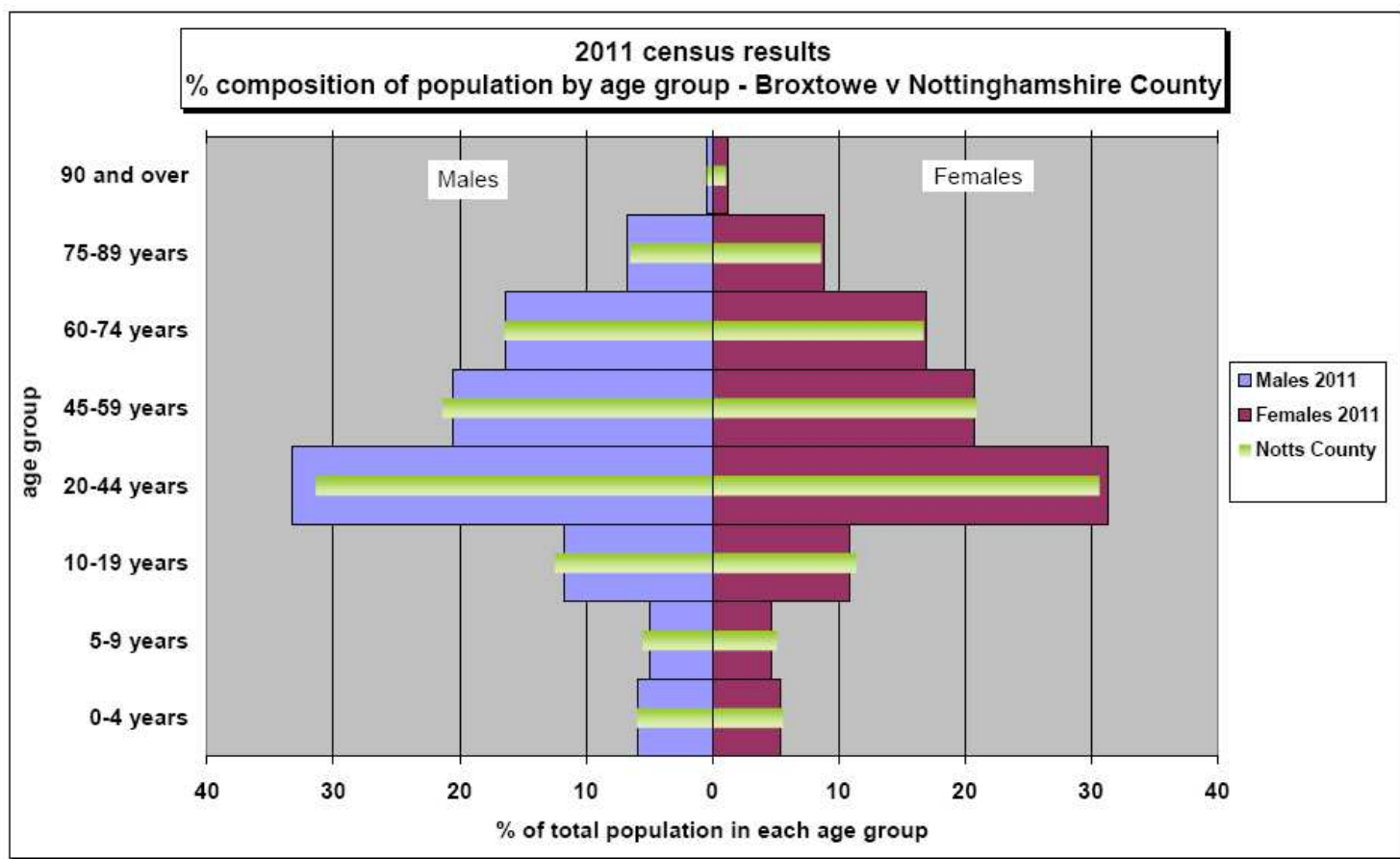
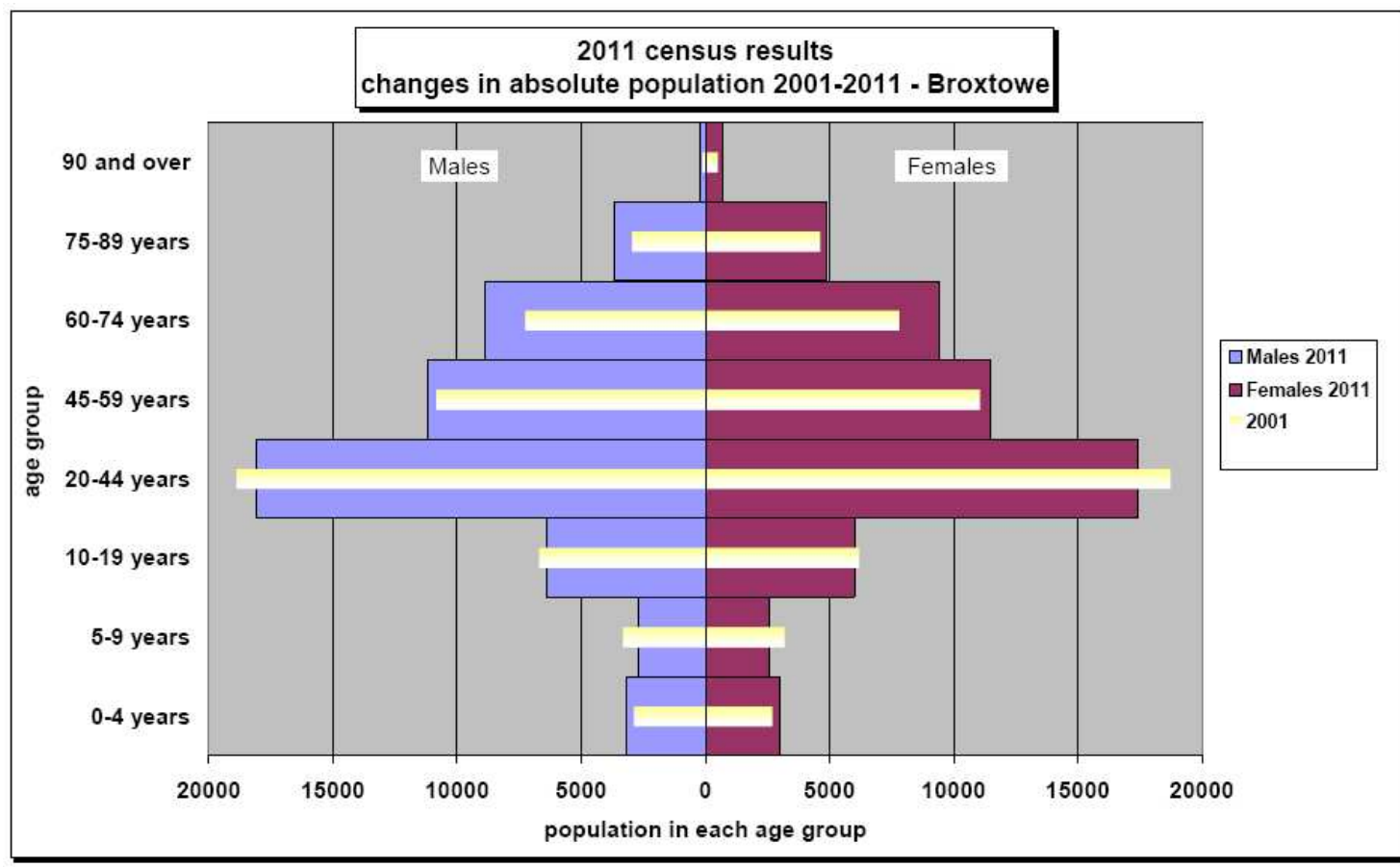
The charts are repeated for each District in Nottinghamshire, showing the changes in population between 2001 and 2011, and how the composition of the District's 2011 population compares with the composition of the population of Nottinghamshire County in 2011.



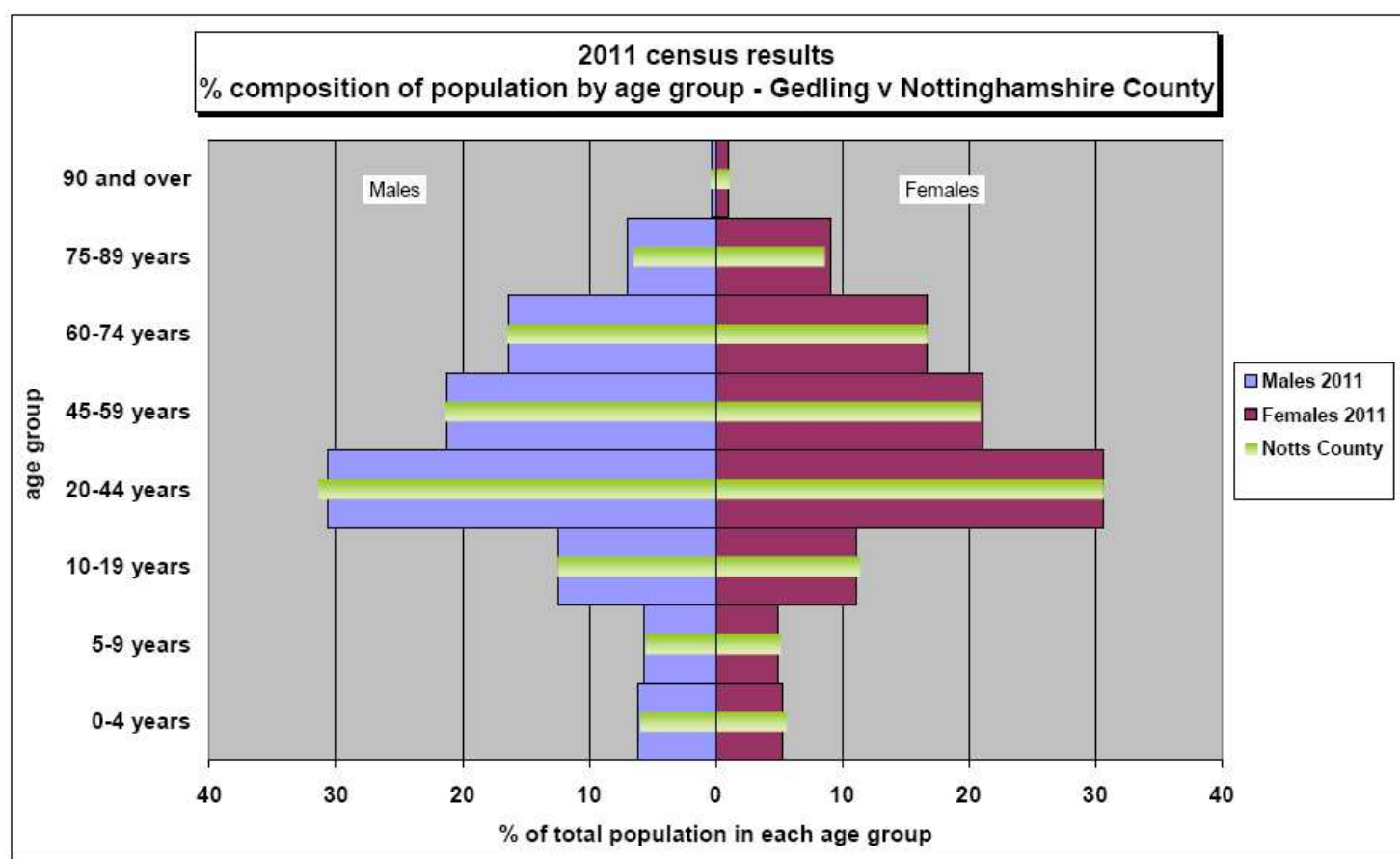
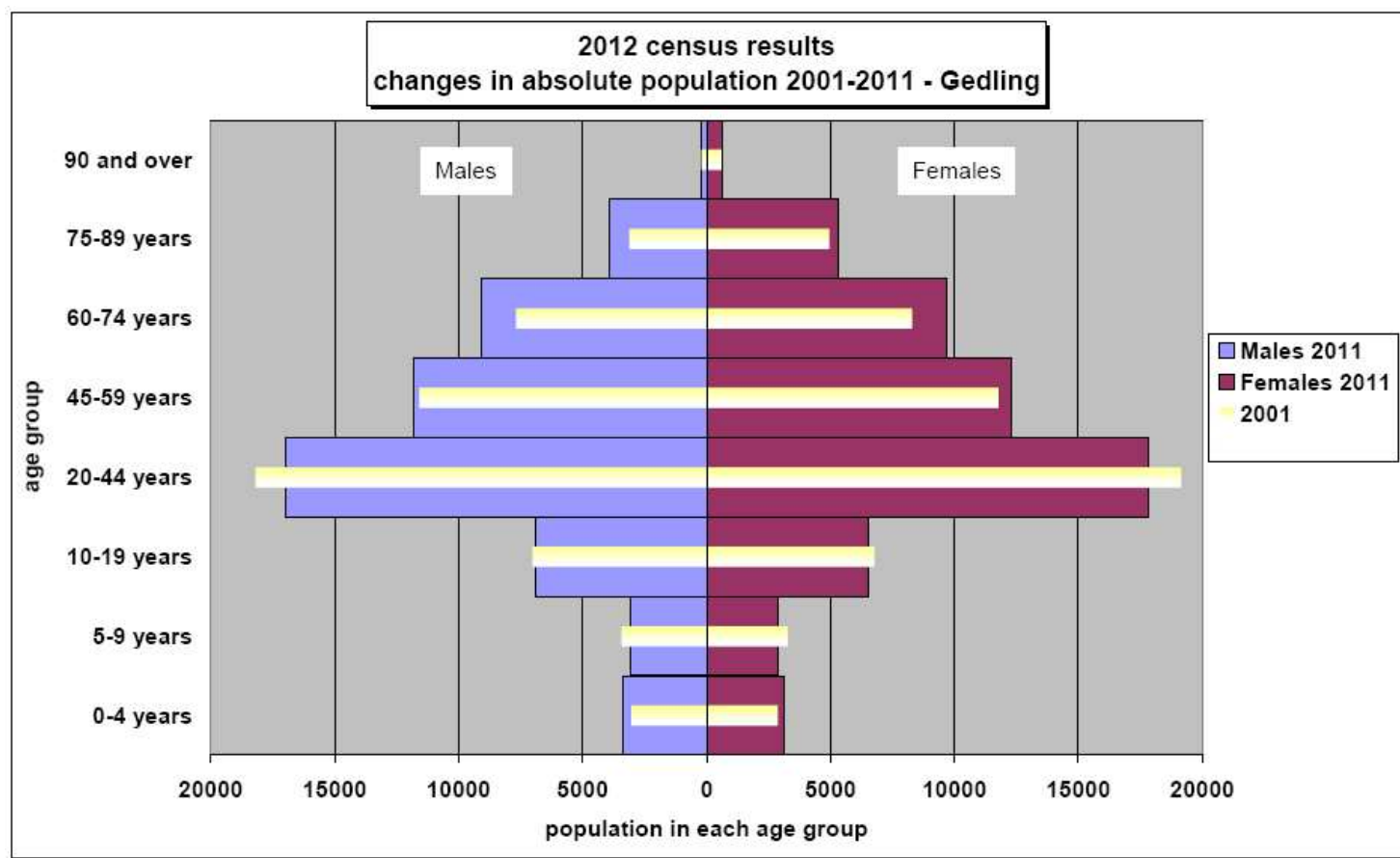
Main points to note: general ageing of the Ashfield population between 2001 and 2011 (increase in absolute numbers in all population groups from 45-89 years, decrease in absolute numbers between 2001 and 2011 in 20-44 years group). Ashfield population generally 'younger' compared to Notts County population (greater proportion in 20-44 years group compared to the county percentages, and 45-59 years and 60-74 years proportions slightly less than the overall county percentages).



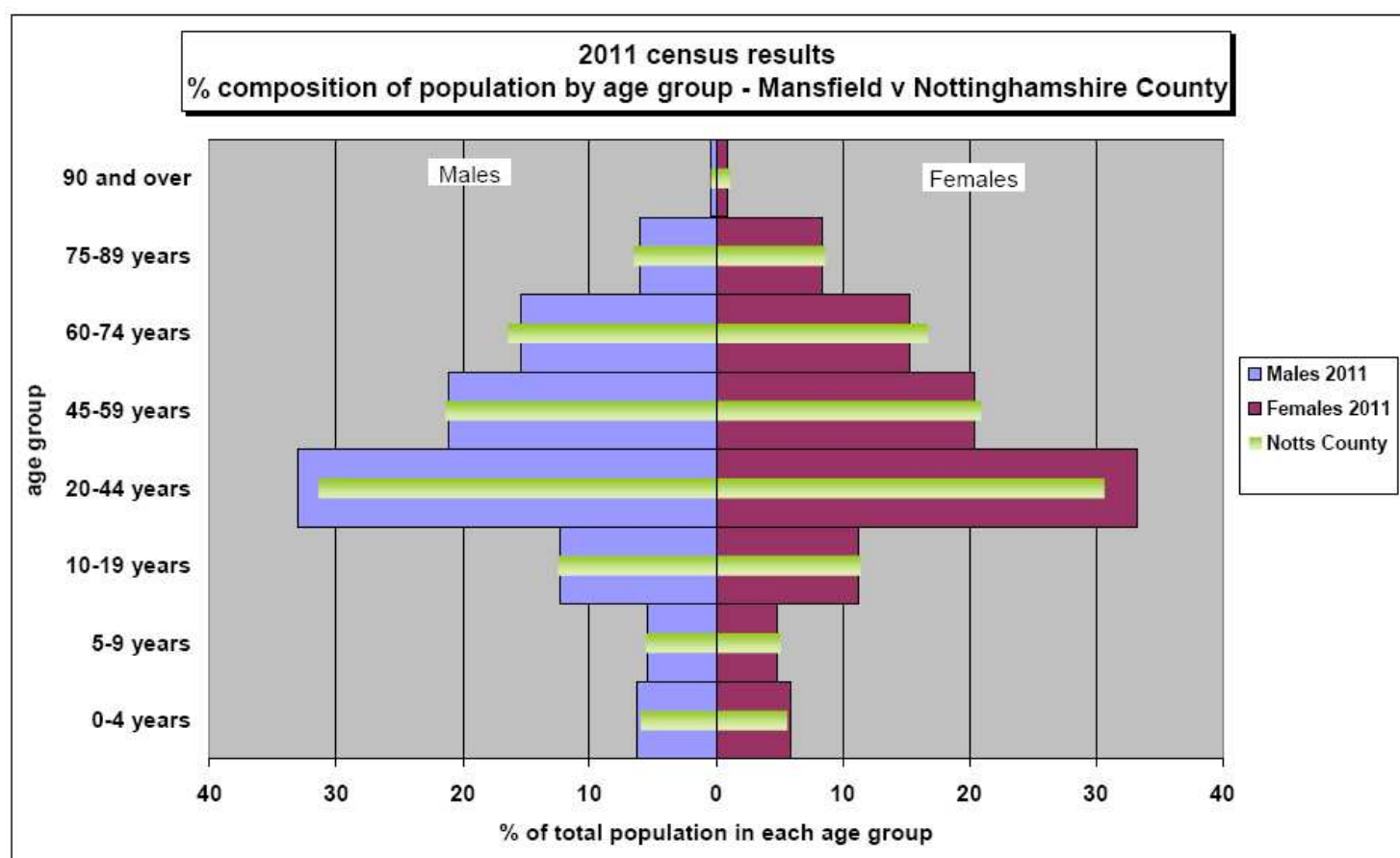
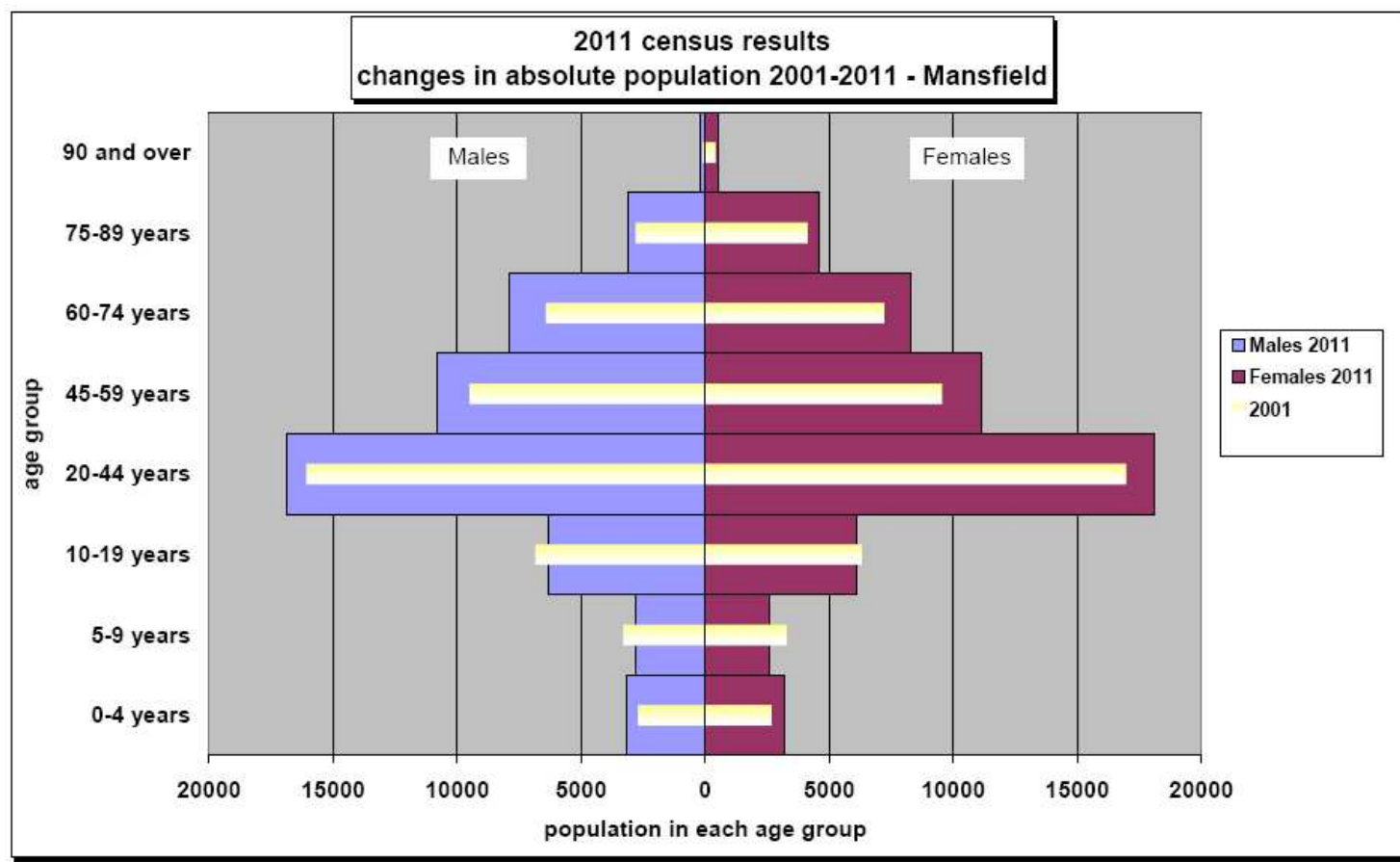
Main points to note: general ageing of the Bassetlaw population between 2001 and 2011 (increase in absolute numbers in all population groups from 45-89 years, decrease in absolute numbers between 2001 and 2011 in 20-44 years group). Except for 20-44 years age group, the 2011 Bassetlaw population composition generally conforms to the overall Notts County profile.



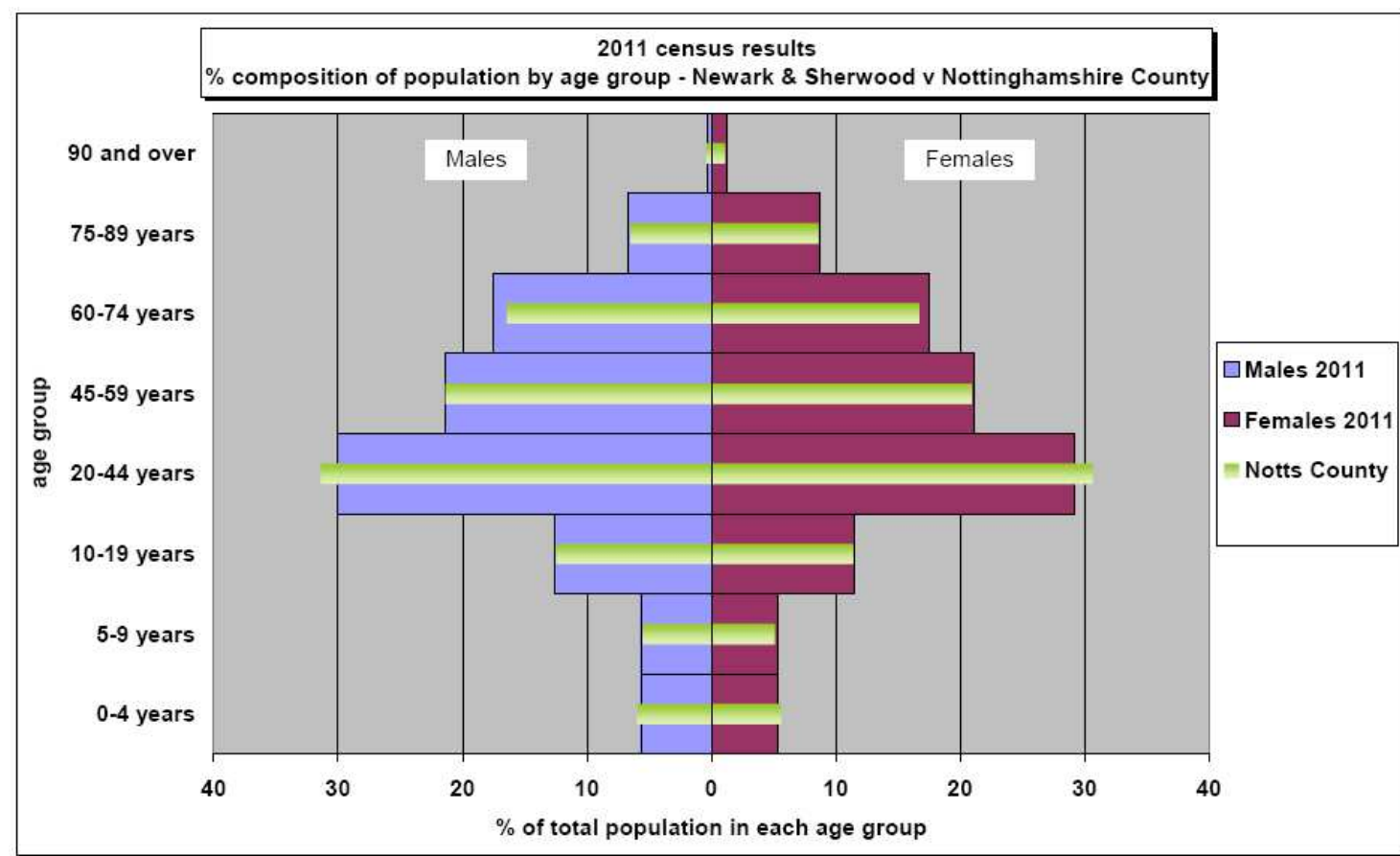
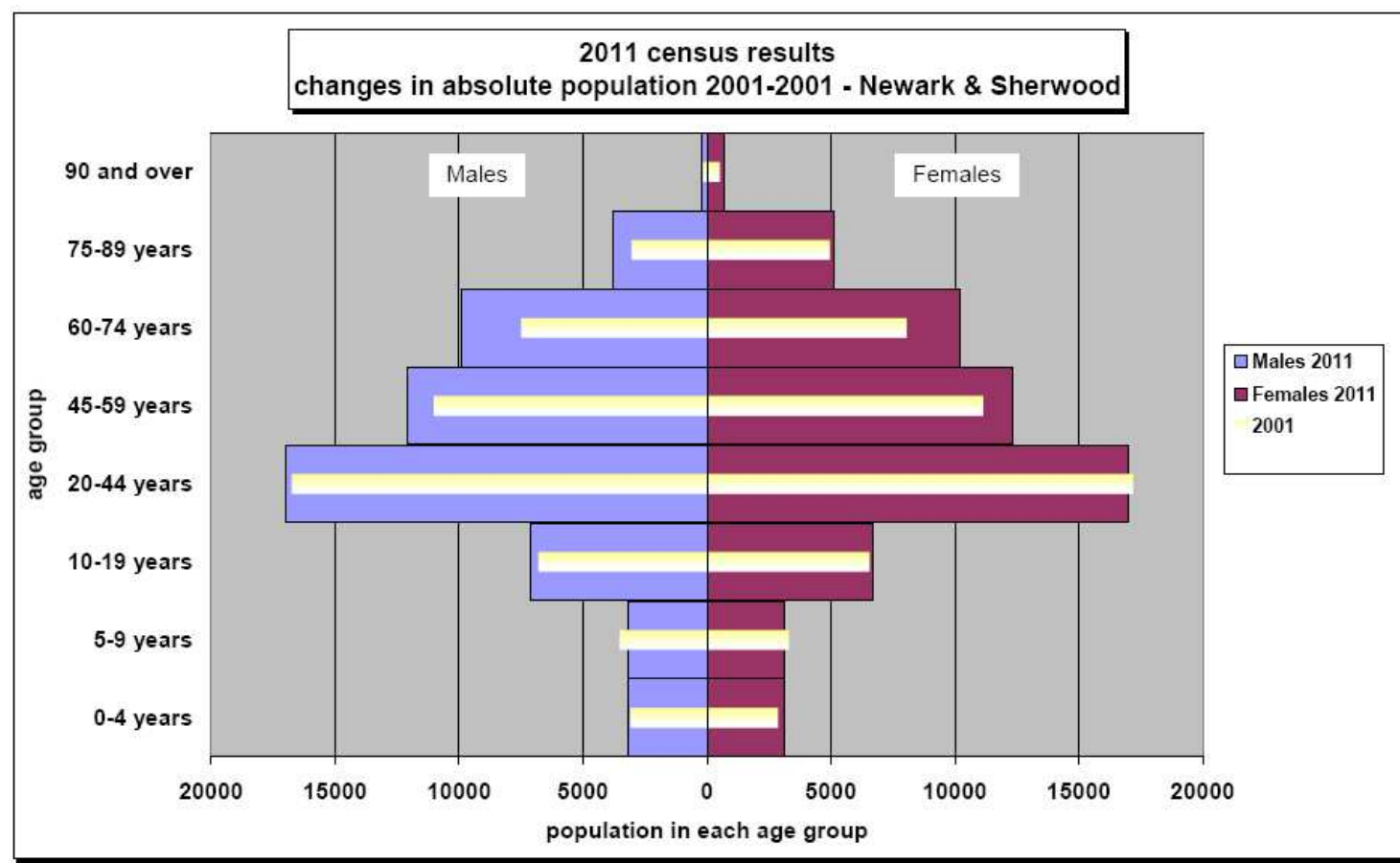
Main points to note: general ageing of the Broxtowe population between 2001 and 2011 (increase in absolute numbers in all population groups from 45-89 years, decrease in absolute numbers between 2001 and 2011 in 20-44 years group). Note greater proportion of 20-44 years age group in Broxtowe population compared to the county composition.



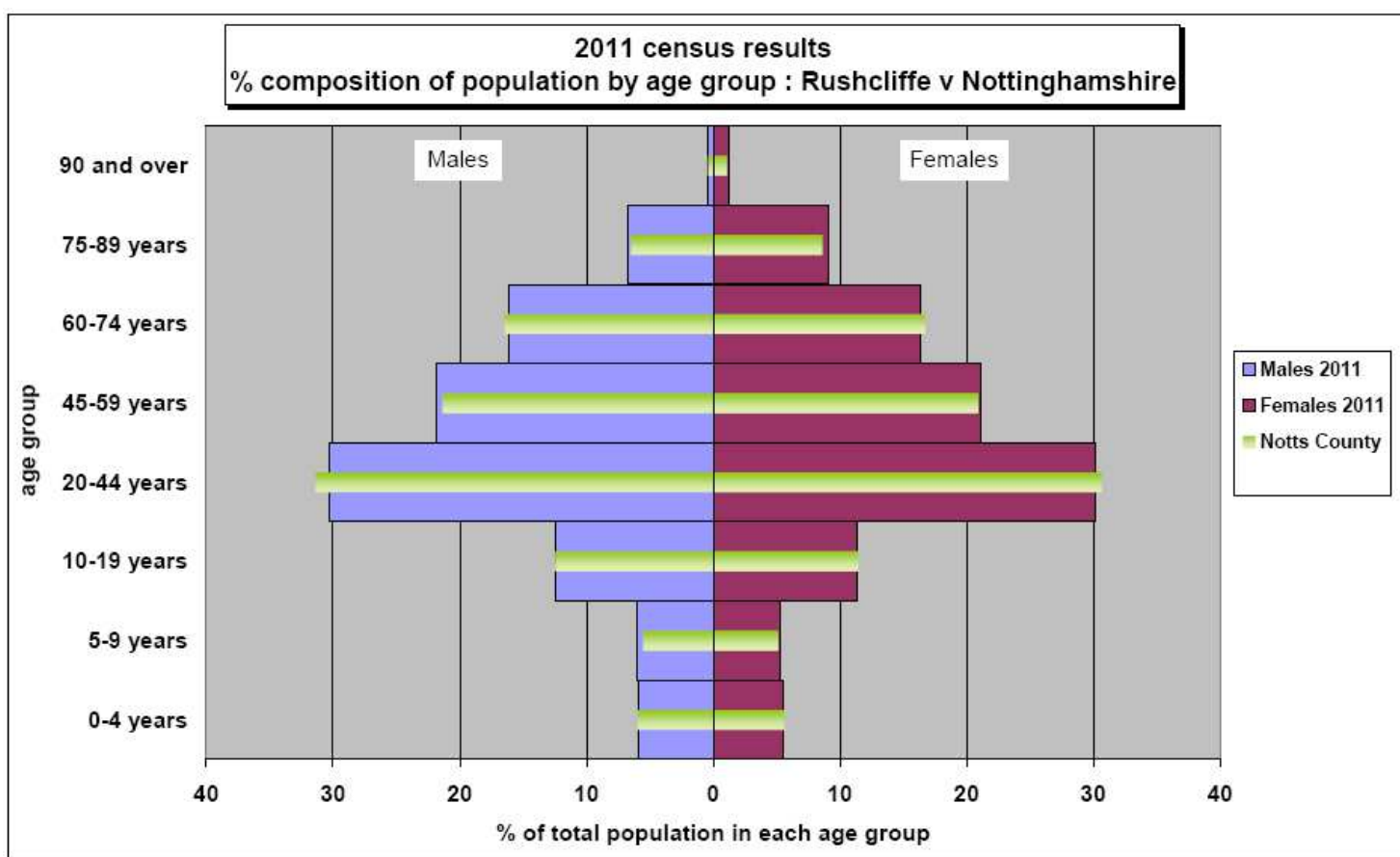
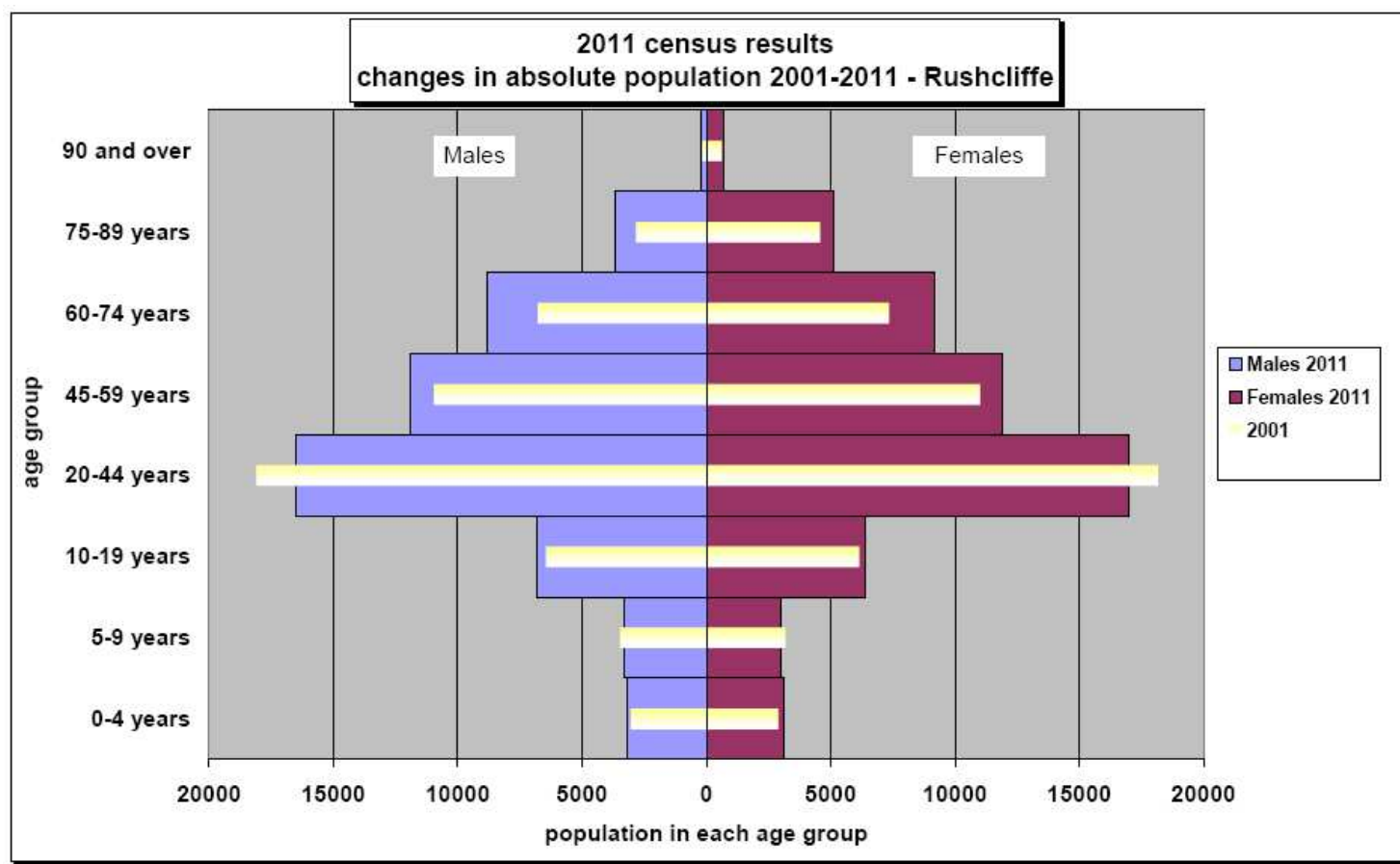
Main points to note: general ageing of the Gedling population between 2001 and 2011 (increase in absolute numbers in all population groups from 60-74 years and 75-89 years, decrease in absolute numbers between 2001 and 2011 in 20-44 years group). Generally the composition of the population in the District conforms to the overall composition of the population of the County.



Main points to note: general ageing of the Mansfield population between 2001 and 2011 (increase in absolute numbers in all population groups from 60-74 years and 75-89 years); note also the increase in absolute numbers in the 0-4 years and 20-44 years age groups. Compared to the County population structure, note the percentage proportion of the 20-44 year age group in the District, and also note the reduced proportion of population aged 60-74 years in the District compared to the County.



Main points to note: general ageing of the District population 2001-2011, especially in the 45-59 years and 60-74 years age groups and men 75-89 years. Note also the small changes in the numbers in the 20-44 years age group, possibly suggesting that elderly people are moving in to the District from other areas? The District has a more 'elderly' age structure compared to the County.



Main points to note: general ageing of the Rushcliffe population between 2001 and 2011 (increase in absolute numbers in all population groups from 45-89 years, decrease in absolute numbers between 2001 and 2011 in 20-44 years group). Apart from a lesser proportion of the District's population being within the 20-44 years age group compared to the County, the composition of the District's population largely follow that of the County.

Appendix A

Quality Assurance Pack for Nottinghamshire County (as provided by ONS)

Age	2011 census counts	2011 census estimates	Rolled forward estimates	Patient Register 2012	School census 2011	Social Security & Revenue information 2011	Response rates
0-4	41,500	45,300	44,400	44,700		42,100	92%
5-9	38,600	41,700	41,600	41,600	40,000	40,200	93%
10-14	42,400	45,800	43,800	44,600	41,700	43,200	93%
15-19	44,300	47,900	47,600	48,500			93%
20-24	40,800	44,600	46,800	48,300			91%
25-29	41,300	44,000	46,000	47,700			94%
30-34	41,500	44,400	44,700	47,000			93%
35-39	47,500	50,600	49,300	52,200			94%
40-44	57,800	60,100	60,500	62,200			96%
45-49	59,700	61,800	61,800	63,500			97%
50-54	52,900	54,800	53,800	55,500			97%
55-59	48,000	49,300	48,500	49,900			97%
60-64	52,400	53,100	52,700	53,800			99%
65-69	42,600	43,200	43,600	43,600		43,200	99%
70-74	33,500	34,000	33,900	34,300		33,800	98%
75-79	26,700	27,100	27,100	27,500		27,100	98%
80-84	19,600	19,900	20,200	20,200		20,100	99%
85+	17,700	18,200	19,000	18,200		18,200	98%
Total	749000	785,800	785,400	803,300	81,700	267,900	95%

Sources:

2011 census counts – Office for National Statistics
2011 census estimates – Office for National Statistics
Rolled forward estimates – Office for National Statistics
Patient Register 2011 – National Health Service Information Centre
School Census 2011 – Department for Education
Social Security & Revenue Information – DWP/HMRC

Terminology:

Census counts: the number of usual residents for whom individual details were provided on a returned questionnaire.

Census estimates: the census estimate of usual residents, by age group and sex.

Rolled forward estimates: these are the population estimates which have been rolled forward from 2001 to mid-2010, including recent improvements to migration statistics, and then extrapolated from June 2010 to March 2011. These estimates were used in the quality assurance of census local authority population estimates. It was necessary to extrapolate because the components of population change used to create the annual estimates only became available much more recently. Rolled-forward population estimates based on the actual (recently available) components of change up to March 2011 are only marginally higher (52,000) at England & Wales level than those used in the quality assurance process.

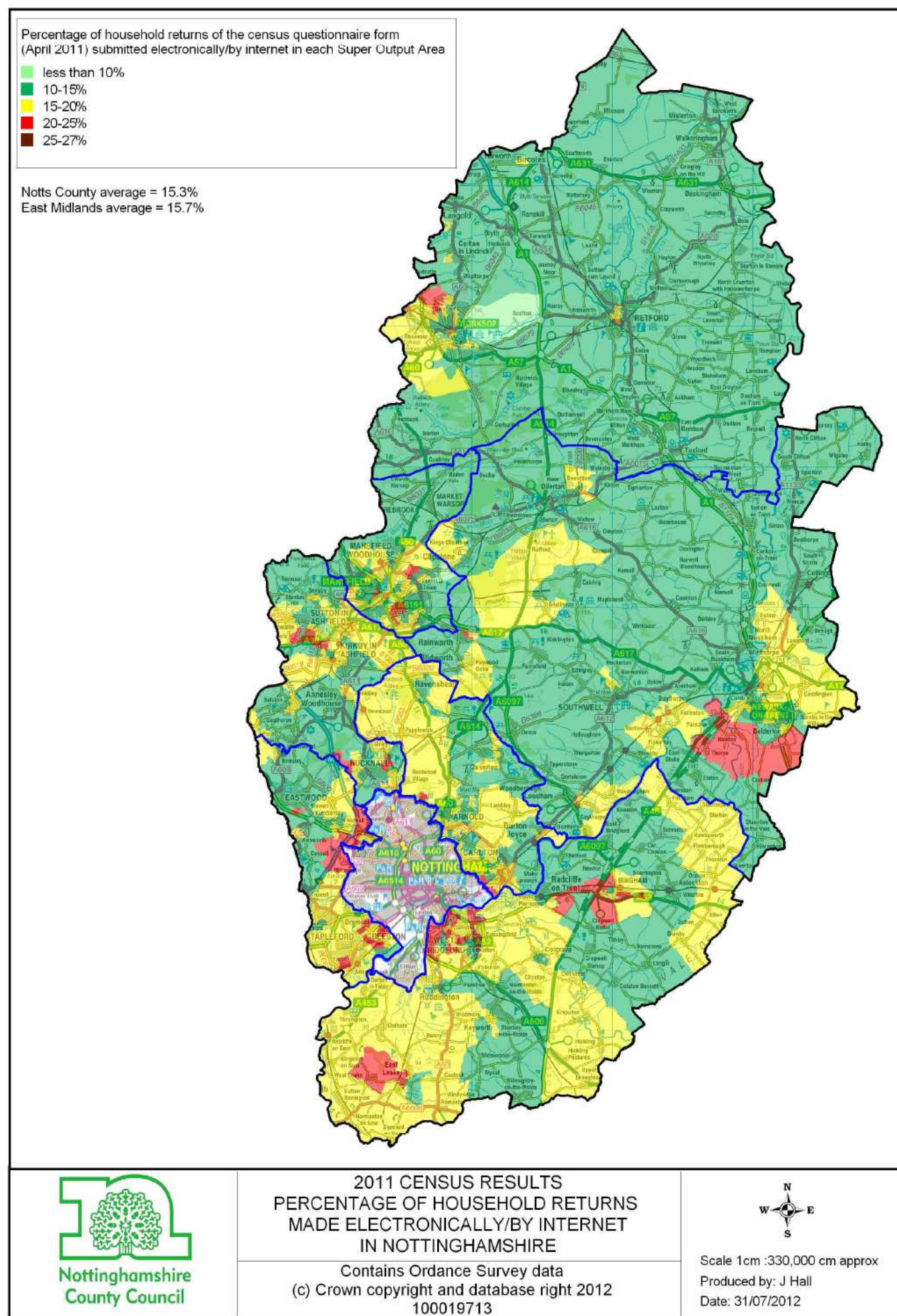
Patient Register: the count of people registered with a GP, extracted from the May 2011 NHS patient register data.

School census: children in state/maintained schools by age and sex. The data refer to January 2011. Only age groups 5-9 and 10-14 are included as only these groups are fully covered by the School Census.

Social Security & Revenue information: includes people who have claimed child benefits, pensions or interacted with the Department for Work and Pensions. This may therefore exclude certain groups who are not eligible for benefits. The data for 65+ will include people claiming a state pension that live abroad. The data refers to census day.

Further details can be found at <http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-data/2011-first-release/local-authority-quality-assurance/index.html>

Appendix B: Percentage of household returns made electronically/online



Appendix C

Base table – changes in total population 2001-2011 by District

	Population 2011	Population 2001	change	% change
Ashfield	119,500	111,500	8,000	+7%
Bassetlaw	112,900	107,700	5,200	+5%
Broxtowe	109,500	107,600	1,900	+2%
Gedling	113,600	111,800	1,800	+2%
Mansfield	104,400	98,000	6,400	+7%
Newark & Sherwood	114,800	106,300	8,500	+8%
Rushcliffe	111,100	105,600	5,500	+5%
Nottinghamshire	785,800	748,500	37,300	+5%

Changes in total population 2001-2011 by age group and sex

Nottinghamshire County

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	23,000	21,200	1,800	+8%	22,300	20,000	2,300	+12%
5-9	21,400	24,100	-2,700	-11%	20,300	23,000	-2,700	-12%
10-19	48,200	48,000	200	0%	45,500	45,300	200	0%
20-44	121,400	124,800	-3,400	-3%	122,300	127,500	-5,200	-44%
45-59	82,600	76,200	6,400	+8%	83,500	76,600	6,900	+9%
60-74	63,600	50,300	13,300	+26%	66,700	54,200	12,500	+23%
75-89	25,100	20,500	4,600	+22%	34,300	32,400	1,900	+6%
90+	1,500	1,000	500	+50%	4,300	3,600	700	+19%
Total	386,800	366,100	20,700	+6%	399,200	382,600	16,600	+4%

Ashfield

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,700	3,400	300	+9%	3,700	3,200	500	+16%
5-9	3,400	3,600	-200	-6%	3,300	3,500	-200	-6%
10-19	7,500	7,100	400	+6%	7,000	6,800	200	+3%
20-44	19,000	19,000	0	0%	19,600	20,000	-400	-2%
45-59	12,300	11,000	1,300	+12%	12,300	11,000	1,300	+12%
60-74	9,300	7,200	2,100	+29%	9,800	7,700	2,100	+27%
75-89	3,300	2,900	400	+14%	4,600	4,800	-200	+4%
90+	200	100	100	+100%	600	500	100	+20%
Total	58,700	54,300	4,400	+8%	60,900	57,500	3,400	+6%

Bassetlaw

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,100	3,100	0	0%	3,000	3,000	0	0%
5-9	3,000	3,500	-500	-14%	2,900	3,300	-400	-12%
10-19	7,200	7,100	100	+1%	6,700	6,500	200	+3%
20-44	17,100	18,000	-900	-5%	16,500	18,000	-1,500	-8%
45-59	12,300	11,000	1,300	+12%	12,200	11,000	1,200	+11%
60-74	9,600	7,500	2,100	+28%	10,000	7,900	2,100	+27%
75-89	3,700	2,800	900	+32%	4,800	4,500	300	+7%
90+	200	100	100	+100%	600	500	100	+20%
Total	56,200	53,100	3,100	+6%	56,700	54,700	2,000	+4%

Broxtowe

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,200	2,900	300	+10%	3,000	2,700	300	+11%
5-9	2,700	3,300	-600	-18%	2,600	3,200	-600	-19%
10-19	6,400	6,700	-300	-5%	6,000	6,200	-200	-3%
20-44	18,100	19,000	-900	-5%	17,400	19,000	-1,600	-8%
45-59	11,200	11,000	200	+2%	11,500	11,000	500	+5%
60-74	8,900	7,200	1,700	+24%	9,400	7,800	1,600	+21%
75-89	3,700	3,000	700	+23%	4,900	4,600	300	+7%
90+	200	100	100	+100%	700	500	200	+40%
Total	54,400	53,200	1,200	+2%	55,500	55,000	500	+1%

Gedling

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,400	3,000	400	+13%	3,100	2,800	300	+11%
5-9	3,100	3,400	-300	-9%	2,900	3,300	-400	-12%
10-19	6,900	7,000	-100	-1%	6,500	6,800	-300	-4%
20-44	17,000	18,000	-1,000	-6%	17,800	19,000	-1,200	-6%
45-59	11,800	12,000	-200	-2%	12,300	12,000	300	+3%
60-74	9,100	7,700	1,400	+18%	9,700	8,300	1,400	+17%
75-89	3,900	3,100	800	+26%	5,300	4,900	400	+8%
90+	200	200	0	0%	600	600	0	0%
Total	55,400	54,400	1,000	+2%	58,200	57,700	500	+1%

Mansfield

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,200	2,700	500	+19%	3,200	2,700	500	+19%
5-9	2,800	3,300	-500	-15%	2,600	3,300	-700	-21%
10-19	6,300	6,800	-500	-7%	6,100	6,300	-200	-3%
20-44	16,900	16,000	900	+6%	18,100	17,000	1,100	+6%
45-59	10,800	9,500	1,300	+14%	11,100	9,500	1,600	+17%
60-74	7,900	6,400	1,500	+23%	8,300	7,200	1,100	+15%
75-89	3,100	2,800	300	+11%	4,600	4,100	500	+12%
90+	200	100	100	+100%	500	400	100	+25%
Total	51,200	47,600	3,600	+8%	54,500	50,500	4,000	+8%

Newark and Sherwood

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,200	3,100	100	+3%	3,100	2,800	300	+11%
5-9	3,200	3,500	-300	-9%	3,100	3,300	-200	-6%
10-19	7,100	6,800	300	+4%	6,700	6,500	200	+3%
20-44	17,000	17,000	0	0%	17,000	17,000	0	0%
45-59	12,100	11,000	1,100	+10%	12,300	11,000	1,300	+12%
60-74	9,900	7,500	2,400	+32%	10,200	8,000	2,200	+28%
75-89	3,800	3,000	800	+27%	5,100	4,900	200	+4%
90+	200	200	0	0%	700	500	200	+40%
Total	56,500	52,100	4,400	+8%	58,200	54,000	4,200	+8%

Rushcliffe

Age group	Males				Females			
	2011	2001	change	% change	2011	2001	change	% change
0-4	3,200	3,000	200	+7%	3,100	2,900	200	+7%
5-9	3,300	3,500	-200	-6%	3,000	3,200	-200	-6%
10-19	6,800	6,500	300	+5%	6,400	6,100	300	+5%
20-44	16,500	18,000	-1,500	-8%	17,000	18,000	-1,000	-6%
45-59	11,900	11,000	900	+8%	11,900	11,000	900	+8%
60-74	8,800	6,800	2,000	+29%	9,200	7,300	1,900	+26%
75-89	3,700	2,800	900	+32%	5,100	4,600	500	+11%
90+	200	200	0	0%	700	600	100	+17%
Total	54,400	51,800	2,600	+5%	56,400	53,700	2,700	+5%

2011 percentage composition of the population by age group – Nottinghamshire Districts v East Midlands & England

Ashfield

Age group	Ashfield	Nottinghamshire	East Midlands	England
0-4	6%	6%	6%	6%
5-9	6%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	32%	31%	33%	34%
45-59	21%	21%	20%	19%
60-74	16%	17%	16%	15%
75-89	7%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Bassetlaw

Age group	Bassetlaw	Nottinghamshire	East Midlands	England
0-4	5%	6%	6%	6%
5-9	5%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	30%	31%	33%	34%
45-59	22%	21%	20%	19%
60-74	17%	17%	16%	15%
75-89	8%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Broxtowe

Age group	Broxtowe	Nottinghamshire	East Midlands	England
0-4	6%	6%	6%	6%
5-9	5%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	31%	31%	33%	34%
45-59	21%	21%	20%	19%
60-74	17%	17%	16%	15%
75-89	8%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Gedling

Age group	Gedling	Nottinghamshire	East Midlands	England
0-4	6%	6%	6%	6%
5-9	5%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	31%	31%	33%	34%
45-59	21%	21%	20%	19%
60-74	17%	17%	16%	15%
75-89	8%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Mansfield

Age group	Mansfield	Nottinghamshire	East Midlands	England
0-4	6%	6%	6%	6%
5-9	5%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	32%	31%	33%	34%
45-59	21%	21%	20%	19%
60-74	15%	17%	16%	15%
75-89	7%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Newark & Sherwood

Age group	Newark & Sherwood	Nottinghamshire	East Midlands	England
0-4	5%	6%	6%	6%
5-9	5%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	30%	31%	33%	34%
45-59	21%	21%	20%	19%
60-74	18%	17%	16%	15%
75-89	8%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Rushcliffe

Age group	Rushcliffe	Nottinghamshire	East Midlands	England
0-4	6%	6%	6%	6%
5-9	6%	5%	5%	6%
10-19	12%	12%	12%	12%
20-44	30%	31%	33%	34%
45-59	21%	21%	20%	19%
60-74	16%	17%	16%	15%
75-89	8%	8%	7%	7%
90+	1%	1%	1%	1%
Total	100%	100%	100%	100%

Contact information:

For further information contact the Policy, Performance and Research Team

Phone: 0115 9774328 or 0115 9774541

(Calls cost 3p a minute from a BT landline. Mobile costs may vary).

Email: research@nottscc.gov.uk

Website: www.nottinghamshire.gov.uk