

ANGUS COUNCIL**PLANNING AND TRANSPORT POLICY COMMITTEE****2 MAY 2002****SUBJECT: 2000-BASED SUB-NATIONAL POPULATION PROJECTIONS****REPORT BY DIRECTOR OF PLANNING AND TRANSPORT**

Abstract: This report provides details of the 2000-based population projections recently released by the General Register Office for Scotland and highlights demographic information and issues for Angus and for the Dundee and Angus Structure Plan area.

1 RECOMMENDATION

It is recommended that the Committee:-

1. note that the 2000-based General Register Office for Scotland (GROs) population projections point to a decline in population between 2000 and 2016 of:-
 - 100,769 (1.97%) in Scotland
 - 7,202 (6.59%) in Angus
 - 34,351 (13.69%) in the Dundee and Angus Structure Plan area.
2. agree that these revised population projections, together with revised household projections and other demographic information including results from the 2001 Census, be taken into account as appropriate in:-
 - (a) liaison with the Scottish Executive as part of the approval process for the Dundee and Angus Structure Plan;
 - (b) preparation of the review and roll forward of the Angus Local Plan.

2 INTRODUCTION

- 2.1 In February 2002 the General Register Office for Scotland (GROs) issued 2000-based population projections up to 2016. These show the projected changes in population for the administrative areas of Scotland by age and sex.
- 2.2 The projections are based on the Registrar General's mid-year population estimates for 2000 and replace the previous 1998 based sub-national population projections. The projections are the result of assumptions made about future fertility, mortality and migration patterns based on past trends. **It should therefore be stressed that the projections are not a prediction of what will happen, but simply a projection of what would be the outcome on the basis of particular assumptions.**

3 SCOTTISH AREAS

- 3.1 Appendix 1 to this report reproduces a summary table from the 2000-based population projections for Scottish Areas. This includes projected population totals by Council and Health Board areas for the years 2000, 2006, 2011 and 2016.
- 3.2 The projections reflect recent demographic trends in individual Council and Health Board areas. Although at the Scotland level the population is projected to fall from 5.11 million in 2000 to 5.01 million in 2016, the regional pattern of projected change is variable with some areas experiencing large projected population increases and decreases.
- 3.3 Between 2000 and 2016 decreases in population are projected in Angus (7%), and the Dundee and Angus Structure Plan area (14%). The projected population in Angus at 2016 is 101,978.

4 ANGUS AND DUNDEE AND ANGUS STRUCTURE PLAN AREAS

- 4.1 Appendix 2 to this report provides a more detailed breakdown of the 2000-based population projections including projections for Scotland, Angus, and the Dundee and Angus Structure Plan area.
- 4.2 Within the broad projection of declining population there are variations among different areas, age groups, and for different time periods. For Angus from 2000 to 2016 the changes by age group are as follows:-

Table 1 : Angus : Population Change 2000 - 2016

- 0 – 4 age group decreases by 1,499
- 5 – 15 age group decreased by 4,209
- 16 – 24 age group decreases by 316
- 25 – 44 age group decreases by 6,705
- 45 – 64 age group increases by 862
- 65 – 74 age group increases by 3,260
- 75 – 84 age group increases by 865
- 85 + age group increases by 540

- 4.3 The 2000-based figures project a greater fall in population than the previous 1998-based figures which formed part of the background to the Finalised Dundee and Angus Structure Plan (see Table 2).

Table 2 : Comparison of 1998 based and 2000-based Population Projections

	2001	2006	2011	2016	Change 2001-2016	%

					2001-2016	
Angus						
1998-Based	109,794	109,385	108,711	107,932	- 1,862	- 1.7%
2000-Based	108,636	106,550	104,357	101,978	- 6,658	- 6.1%
Change	- 1,158	- 2,835	- 4,354	- 5,954		
Dundee and Angus						
1998-Based	252,326	245,522	238,553	231,652	- 20,674	- 8.2%
2000-Based	249,698	239,280	228,537	217,529	- 32,169	- 12.9%
Change	- 2,628	- 6,242	- 10,016	- 14,123		

5 DISCUSSION

- 5.1 Population projections are one of the important factors in assessing housing need. The Finalised Dundee and Angus Structure Plan identifies population decline in Dundee as a key issue which the Structure Plan seeks to address.
- 5.2 As indicated in paragraph 2.2 of this report, it is important to note that population projections by the GROs should not be treated as forecasts but as an indication of what might happen in the future if past trends were to continue. The Structure Plan recognises that among the reasons for producing long term projections is to allow policy responses to be developed to address undesirable demographic trends. Whilst many of these demographic trends are outwith the sphere of influence of land use planning, the Finalised Structure Plan seeks to target actions to address certain projected trends, including population decline in Dundee which was also projected by the 1998 based projection.
- 5.3 Clearly the 2000-based population projections point toward a greater decrease in the population in the Dundee and Angus Structure Plan area than previous sub-national projections. This includes greater declines in the projected population for both Dundee and for Angus up to 2016. Indeed the projections for Angus are the first time a significant decline in population has been projected.
- 5.4 Whilst population across the Dundee and Angus Structure Plan area is projected to decline more rapidly than previous projections, the potential implications for household projections, housing need, housing demand and housing land requirements also require consideration of other local and national factors. At this stage it is therefore suggested that the 2000-based population projections be noted and continue to be the subject of consideration alongside the results of the 2001 Census and other demographic information for forward planning purposes.

6 FINANCIAL IMPLICATIONS

- 6.1 There are no financial implications arising directly from this report. Current grant distribution mechanisms do however rely heavily on population data and a rate of population decline in Angus which is higher than the Scottish average could result in lower Government grant allocations to Angus Council in future years.

7 HUMAN RIGHTS IMPLICATIONS

7.1 There are no human rights implications arising from this report.

8 CONSULTATION

8.1 The Chief Executive, Director of Finance and Director of Law & Administration have been consulted in the preparation of this report.

9 CONCLUSION

9.1 The projected decline in the Angus population from 109,180 in 2000 to 101,978 in 2016 represents a more significant decrease than previous sub-national projections. This is also replicated to an even greater degree in the projected population decrease in the Dundee and Angus Structure Plan area over the same period.

9.2 Changes in the number, distribution and age structure of the population influence the need for housing, jobs, schools and other essential services. While it is therefore important to have regard to the most recent sub-national population projections, it is also necessary to correctly view the assumptions on which these projections are based alongside other demographic information and local policies.

NOTE

No background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973, (other than any containing confidential or exempt information) were relied on to any material extent in preparing the above Report.

AA/CGR/KW
22 April 2002

Alex Anderson
Director of Planning and Transport

APPENDIX 1

Projected population of Scotland (2000 based) by council and health board area, 2000 to 2016

Area	Base year - 2000	Projected Population at 30 June		
		2006	2011	2016
SCOTLAND	5,114,600	5,077,784	5,046,519	5,013,831
Council areas				
Aberdeen City	211,250	203,103	195,652	188,009
Aberdeenshire	227,200	227,605	228,103	228,003
Angus	109,180	106,550	104,357	101,978
Argyll & Bute	88,790	85,374	82,985	80,498
Clackmannanshire	48,460	47,967	47,389	46,745
Dumfries & Galloway	145,800	142,097	138,837	135,214
Dundee City	142,700	132,730	124,180	115,551
East Ayrshire	120,630	117,154	113,834	110,323
East Dunbartonshire	110,760	111,381	111,503	111,166
East Lothian	91,280	94,896	97,946	101,231
East Renfrewshire	89,790	92,937	95,643	98,378
Edinburgh, City of	453,430	459,148	464,579	470,841
Eilean Siar	27,180	25,456	24,021	22,446
Falkirk	144,320	144,715	144,609	144,293
Fife	350,400	350,508	349,600	348,415
Glasgow City	609,370	597,248	591,006	587,052
Highland	208,600	207,407	205,250	202,490
Inverclyde	84,600	80,751	77,501	74,207
Midlothian	82,200	84,559	86,418	88,269
Moray	84,950	83,193	81,527	79,734
North Ayrshire	138,850	136,902	135,199	133,216
North Lanarkshire	327,620	327,561	327,457	326,767
Orkney Islands	19,480	18,855	18,210	17,480
Perth & Kinross	133,620	133,126	132,886	132,536
Renfrewshire	176,970	174,669	172,169	169,436
Scottish Borders	106,900	107,019	106,544	105,806
Shetland Islands	22,440	21,938	21,771	21,600
South Ayrshire	113,920	112,471	111,335	110,181
South Lanarkshire	307,400	305,693	303,871	301,952
Stirling	85,220	88,636	91,833	95,338
West Dunbartonshire	94,600	92,388	90,792	89,429
West Lothian	156,690	163,747	169,512	175,247
Health board areas				
Argyll & Clyde	423,500	413,727	405,468	396,963
Ayrshire & Arran	373,400	366,527	360,368	353,720
Borders	106,900	107,019	106,544	105,806
Dumfries & Galloway	145,800	142,097	138,837	135,214
Fife	350,400	350,508	349,600	348,415
Forth Valley	278,000	281,318	283,831	286,376
Grampian	523,400	513,901	505,282	495,746
Greater Glasgow	904,400	893,334	888,520	886,086
Highland	208,600	207,407	205,250	202,490
Lanarkshire	562,000	560,941	558,939	555,836
Lothian	783,600	802,350	818,455	835,588
Orkney	19,480	18,855	18,210	17,480
Shetland	22,440	21,938	21,771	21,600
Tayside	385,500	372,406	361,423	350,065
Western Isles	27,180	25,456	24,021	22,446

PROJECTIONS

GENERAL REGISTER OFFICE FOR SCOTLAND

2000 BASED POPULATION PROJECTIONS

SUMMARY POPULATION PROJECTIONS

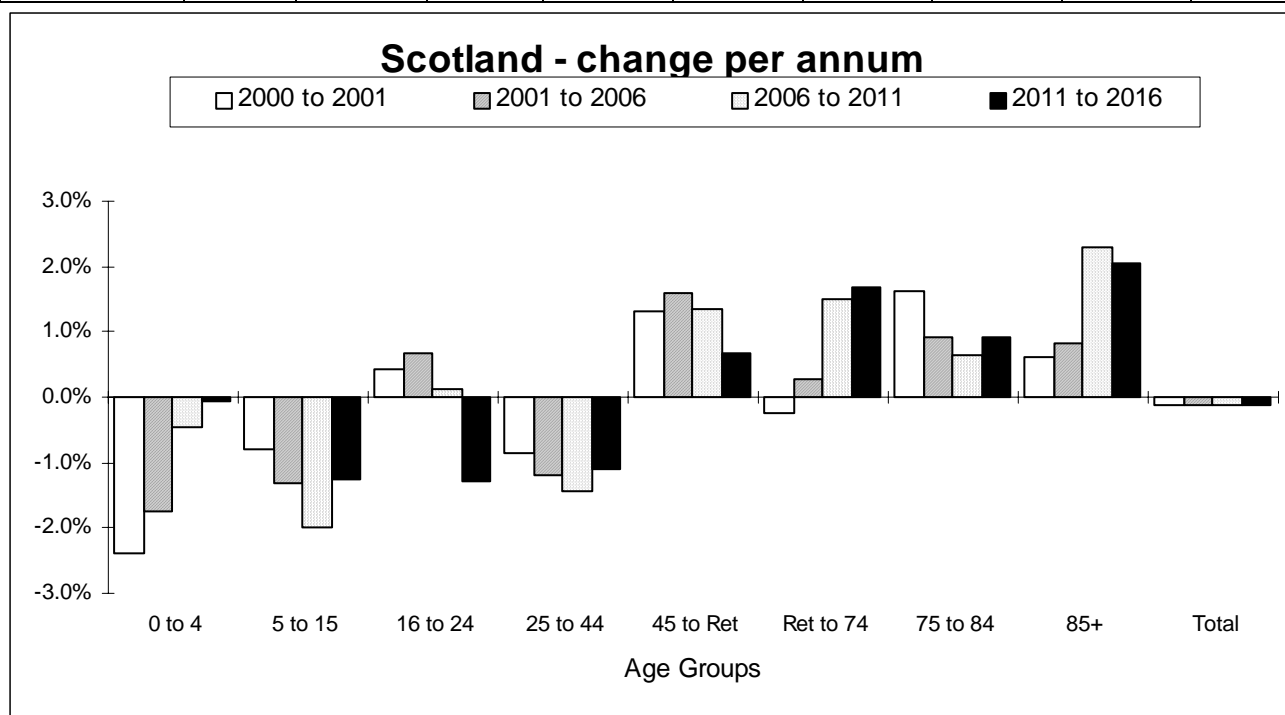
Total Population

Area **Scotland**

Year	Age Groups								
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	Total
2000	288,310	712,238	576,684	1,538,746	1,074,941	576,269	263,737	83,675	5,114,600
	5.6%	13.9%	11.3%	30.1%	21.0%	11.3%	5.2%	1.6%	100.0%
2001	281,452	706,480	579,154	1,525,486	1,088,961	574,903	268,040	84,194	5,108,670
	5.5%	13.8%	11.3%	29.9%	21.3%	11.3%	5.2%	1.6%	100.0%
2006	256,809	660,464	598,956	1,435,545	1,174,831	583,249	280,220	87,710	5,077,784
	5.1%	13.0%	11.8%	28.3%	23.1%	11.5%	5.5%	1.7%	100.0%
2011	250,873	594,281	602,251	1,331,993	1,253,566	626,748	289,082	97,725	5,046,519
	5.0%	11.8%	11.9%	26.4%	24.8%	12.4%	5.7%	1.9%	100.0%
2016	250,059	557,012	563,076	1,258,232	1,295,643	679,817	302,189	107,803	5,013,831
	5.0%	11.1%	11.2%	25.1%	25.8%	13.6%	6.0%	2.2%	100.0%

Per Annum Change

Period	Age Groups								
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	Total
2000 to 2001	-6858	-5758	2470	-13260	14020	-1366	4303	519	-5930
	-2.4%	-0.8%	0.4%	-0.9%	1.3%	-0.2%	1.6%	0.6%	-0.1%
2001 to 2006	-4929	-9203	3960	-17988	17174	1669	2436	703	-6177
	-1.8%	-1.3%	0.7%	-1.2%	1.6%	0.3%	0.9%	0.8%	-0.1%
2006 to 2011	-1187	-13237	659	-20710	15747	8700	1772	2003	-6253
	-0.5%	-2.0%	0.1%	-1.4%	1.3%	1.5%	0.6%	2.3%	-0.1%
2011 to 2016	-163	-7454	-7835	-14752	8415	10614	2621	2016	-6538
	-0.1%	-1.3%	-1.3%	-1.1%	0.7%	1.7%	0.9%	2.1%	-0.1%



SUMMARY POPULATION PROJECTIONS

Total Population

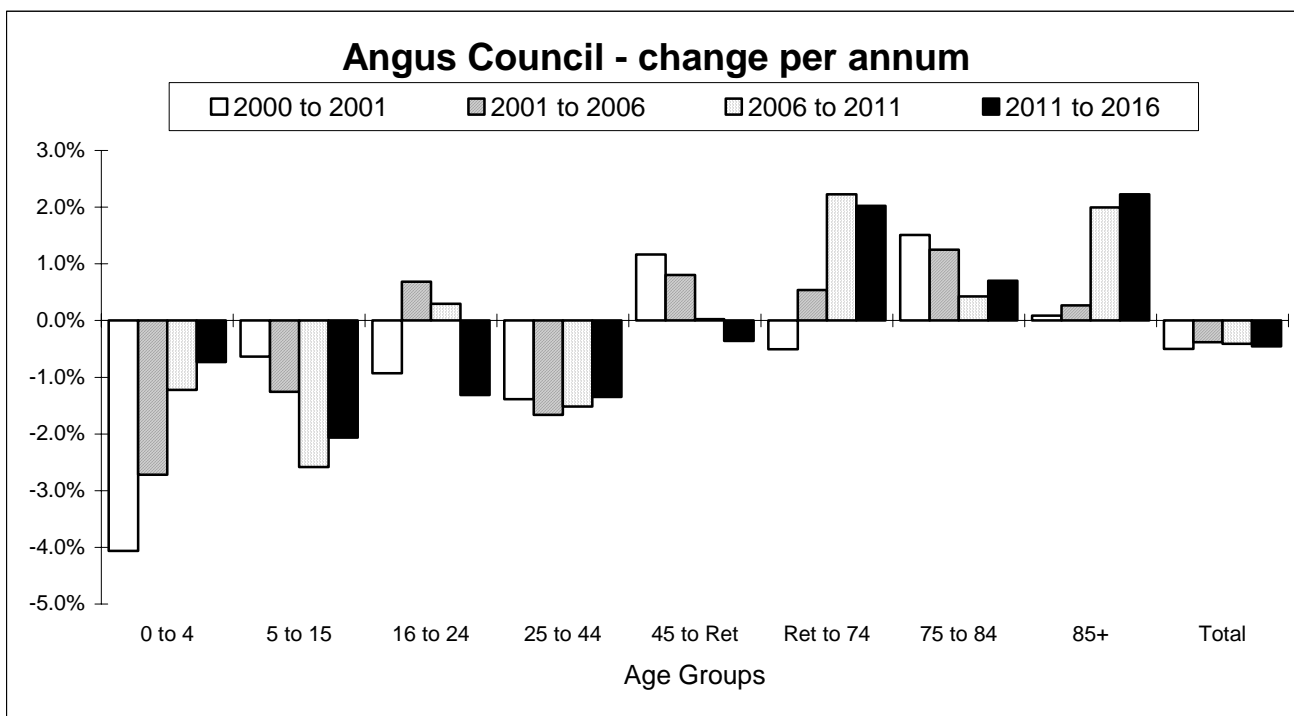
Area

Angus Council

Year	Age Groups								Total
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	
2000	5,984	15,433	10,986	30,382	24,948	13,021	6,170	2,256	109,180
	5.5%	14.1%	10.1%	27.8%	22.9%	11.9%	5.7%	2.1%	100.0%
2001	5,741	15,335	10,884	29,961	25,239	12,955	6,263	2,258	108,636
	5.3%	14.1%	10.0%	27.6%	23.2%	11.9%	5.8%	2.1%	100.0%
2006	4,960	14,372	11,256	27,466	26,250	13,303	6,655	2,288	106,550
	4.7%	13.5%	10.6%	25.8%	24.6%	12.5%	6.2%	2.1%	100.0%
2011	4,656	12,517	11,421	25,384	26,282	14,785	6,796	2,516	104,357
	4.5%	12.0%	10.9%	24.3%	25.2%	14.2%	6.5%	2.4%	100.0%
2016	4,485	11,224	10,670	23,677	25,810	16,281	7,035	2,796	101,978
	4.4%	11.0%	10.5%	23.2%	25.3%	16.0%	6.9%	2.7%	100.0%

Per Annum Change

Period	Age Groups								Total
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	
2000 to 2001	-243	-98	-102	-421	291	-66	93	2	-544
	-4.1%	-0.6%	-0.9%	-1.4%	1.2%	-0.5%	1.5%	0.1%	-0.5%
2001 to 2006	-156	-193	74	-499	202	70	78	6	-417
	-2.7%	-1.3%	0.7%	-1.7%	0.8%	0.5%	1.3%	0.3%	-0.4%
2006 to 2011	-61	-371	33	-416	6	296	28	46	-439
	-1.2%	-2.6%	0.3%	-1.5%	0.0%	2.2%	0.4%	2.0%	-0.4%
2011 to 2016	-34	-259	-150	-341	-94	299	48	56	-476
	-0.7%	-2.1%	-1.3%	-1.3%	-0.4%	2.0%	0.7%	2.2%	-0.5%



SUMMARY POPULATION PROJECTIONS

Total Population

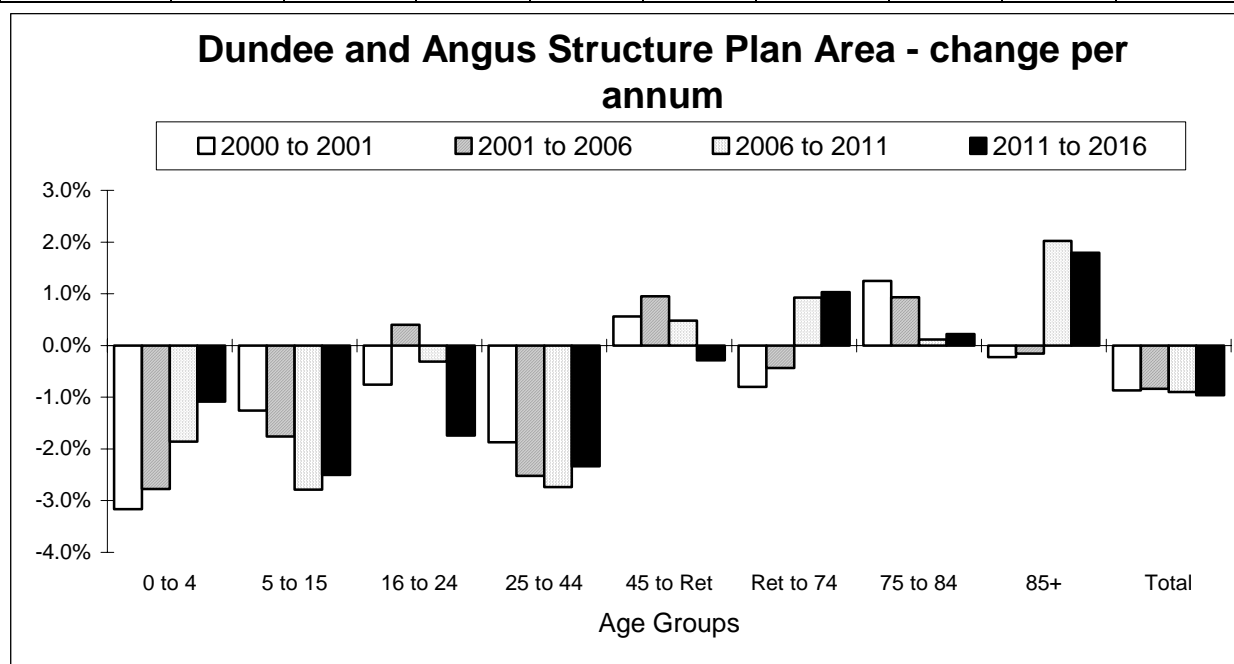
Area

Dundee and Angus Structure Plan Area

Year	Age Groups								
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	Total
2000	13,940	34,693	28,768	69,906	53,539	31,422	14,663	4,949	251,880
	5.5%	13.8%	11.4%	27.8%	21.3%	12.5%	5.8%	2.0%	100.0%
2001	13,499	34,257	28,551	68,598	53,838	31,171	14,846	4,938	249,698
	5.4%	13.7%	11.4%	27.5%	21.6%	12.5%	5.9%	2.0%	100.0%
2006	11,626	31,248	29,125	59,946	56,402	30,494	15,540	4,899	239,280
	4.9%	13.1%	12.2%	25.1%	23.6%	12.7%	6.5%	2.0%	100.0%
2011	10,547	26,896	28,673	51,735	57,750	31,910	15,631	5,395	228,537
	4.6%	11.8%	12.5%	22.6%	25.3%	14.0%	6.8%	2.4%	100.0%
2016	9,975	23,534	26,174	45,690	56,924	33,552	15,802	5,878	217,529
	4.6%	10.8%	12.0%	21.0%	26.2%	15.4%	7.3%	2.7%	100.0%

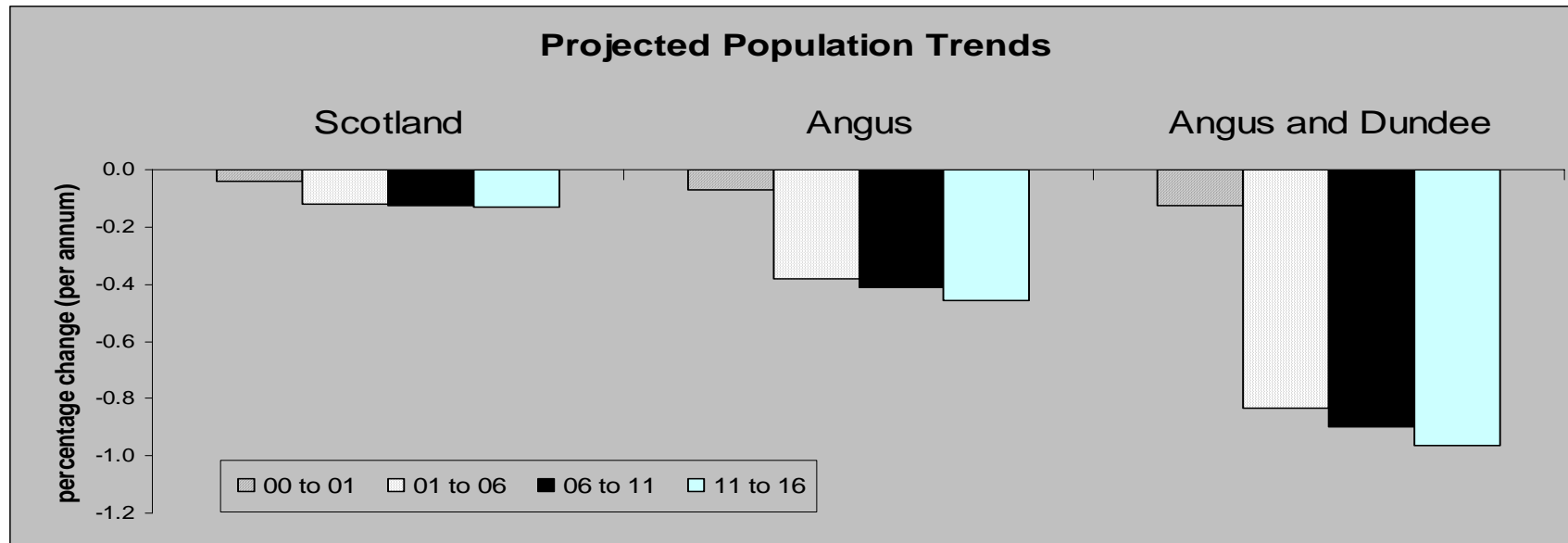
Per Annum Change

Period	Age Groups								
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	Total
2000 to 2001	-441	-436	-217	-1308	299	-251	183	-11	-2182
	-3.2%	-1.3%	-0.8%	-1.9%	0.6%	-0.8%	1.2%	-0.2%	-0.9%
2001 to 2006	-375	-602	115	-1730	513	-135	139	-8	-2084
	-2.8%	-1.8%	0.4%	-2.5%	1.0%	-0.4%	0.9%	-0.2%	-0.8%
2006 to 2011	-216	-870	-90	-1642	270	283	18	99	-2149
	-1.9%	-2.8%	-0.3%	-2.7%	0.5%	0.9%	0.1%	2.0%	-0.9%
2011 to 2016	-114	-672	-500	-1209	-165	328	34	97	-2202
	-1.1%	-2.5%	-1.7%	-2.3%	-0.3%	1.0%	0.2%	1.8%	-1.0%



SUMMARY POPULATION STATISTICS

Area	2000	2000 to 2001		2001	2001 to 2006		2006	2006 to 2011		2011	2011 to 2016		2016
		Change pa			Change pa			Change pa			Change pa		
		No	%		No	%		No	%		No	%	
Scotland	5,114,600	-1977	0.0	5,108,670	-6177	-0.1	5,077,784	-6253	-0.1	5,046,519	-6538	-0.1	5,013,831
Angus	109,180	-78	-0.1	108,636	-417	-0.4	106,550	-439	-0.4	104,357	-476	-0.5	101,978
Angus and Dundee	251,880	-312	-0.1	249,698	-2,084	-0.8	239,280	-2,149	-0.9	228,537	-2,202	-1.0	217,529



Migration assumptions by council area for 2000-based sub-national population projections

Area	Migration assumptions		
	2000 to 2001	2001 to 2002	2002/2003 to 2015/2016
SCOTLAND	-2,000	-500	0
Aberdeen City	-1,300	-1,200	-1,100
Aberdeenshire	-700	-300	0
Angus	-250	-150	-50
Argyll & Bute	-450	-200	-50
Clackmannanshire	-50	-50	-50
Dumfries & Galloway	-450	-200	0
Dundee City	-1,350	-1,300	-1,250
East Ayrshire	-250	-250	-300
East Dunbartonshire	100	100	50
East Lothian	750	700	650
East Renfrewshire	400	400	400
Edinburgh, City of	1,300	1,250	1,100
Eilean Siar	-200	-150	-100
Falkirk	150	200	200
Fife	750	600	400
Glasgow, City of	-900	-950	-1,100
Highland	150	150	100
Inverclyde	-350	-350	-400
Midlothian	450	350	250
Moray	-350	-300	-250
North Ayrshire	-200	-100	0
North Lanarkshire	-500	-300	-100
Orkney Islands	-50	-50	-50
Perth & Kinross	0	200	400
Renfrewshire	-150	-150	-200
Scottish Borders	400	400	350
Shetland Islands	-300	-150	-50
South Ayrshire	100	150	200
South Lanarkshire	0	0	-50
Stirling	600	600	600
West Dunbartonshire	-250	-250	-250
West Lothian	900	800	650

POPULATION PROJECTIONS - 2000 BASED

Total Population

Generalised Age Groups

Area Angus Council

Year	Age Groups								Total
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	
2000	5,984	15,433	10,986	30,382	24,948	13,021	6,170	2,256	109,180
	5.5%	14.1%	10.1%	27.8%	22.9%	11.9%	5.7%	2.1%	100.0%
2001	5,741	15,335	10,884	29,961	25,239	12,955	6,263	2,258	108,636
	5.3%	14.1%	10.0%	27.6%	23.2%	11.9%	5.8%	2.1%	100.0%
2002	5,472	15,213	11,009	29,475	25,384	13,030	6,344	2,213	108,140
	5.1%	14.1%	10.2%	27.3%	23.5%	12.0%	5.9%	2.0%	100.0%
2003	5,237	15,084	11,126	28,989	25,584	13,039	6,533	2,157	107,749
	4.9%	14.0%	10.3%	26.9%	23.7%	12.1%	6.1%	2.0%	100.0%
2004	5,104	14,857	11,219	28,464	25,831	13,139	6,630	2,111	107,355
	4.8%	13.8%	10.5%	26.5%	24.1%	12.2%	6.2%	2.0%	100.0%
2005	5,016	14,655	11,245	27,908	26,051	13,259	6,590	2,240	106,964
	4.7%	13.7%	10.5%	26.1%	24.4%	12.4%	6.2%	2.1%	100.0%
2006	4,960	14,372	11,256	27,466	26,250	13,303	6,655	2,288	106,550
	4.7%	13.5%	10.6%	25.8%	24.6%	12.5%	6.2%	2.1%	100.0%
2007	4,911	13,979	11,331	26,990	26,201	13,692	6,706	2,325	106,135
	4.6%	13.2%	10.7%	25.4%	24.7%	12.9%	6.3%	2.2%	100.0%
2008	4,845	13,566	11,481	26,465	26,251	14,021	6,684	2,388	105,701
	4.6%	12.8%	10.9%	25.0%	24.8%	13.3%	6.3%	2.3%	100.0%
2009	4,775	13,183	11,504	26,074	26,225	14,373	6,694	2,427	105,255
	4.5%	12.5%	10.9%	24.8%	24.9%	13.7%	6.4%	2.3%	100.0%
2010	4,712	12,812	11,540	25,665	26,301	14,563	6,758	2,457	104,808
	4.5%	12.2%	11.0%	24.5%	25.1%	13.9%	6.4%	2.3%	100.0%
2011	4,656	12,517	11,421	25,384	26,282	14,785	6,796	2,516	104,357
	4.5%	12.0%	10.9%	24.3%	25.2%	14.2%	6.5%	2.4%	100.0%
2012	4,604	12,228	11,296	25,093	26,105	15,120	6,885	2,556	103,887
	4.4%	11.8%	10.9%	24.2%	25.1%	14.6%	6.6%	2.5%	100.0%
2013	4,564	11,904	11,204	24,808	25,943	15,436	6,925	2,640	103,424
	4.4%	11.5%	10.8%	24.0%	25.1%	14.9%	6.7%	2.6%	100.0%
2014	4,533	11,589	11,170	24,376	25,891	15,765	6,945	2,678	102,947
	4.4%	11.3%	10.9%	23.7%	25.1%	15.3%	6.7%	2.6%	100.0%
2015	4,505	11,383	10,993	23,989	25,838	15,985	7,048	2,725	102,466
	4.4%	11.1%	10.7%	23.4%	25.2%	15.6%	6.9%	2.7%	100.0%
2016	4,485	11,224	10,670	23,677	25,810	16,281	7,035	2,796	101,978
	4.4%	11.0%	10.5%	23.2%	25.3%	16.0%	6.9%	2.7%	100.0%

POPULATION PROJECTIONS - 2000 BASED : ANNUAL CHANGE

Total Population

Generalised Age Groups

Area

Angus Council

Period	Age Groups								Total
	0 to 4	5 to 15	16 to 24	25 to 44	45 to Ret	Ret to 74	75 to 84	85+	
00 to 01	-243	-98	-102	-421	291	-66	93	2	-544
	-4.1%	-0.6%	-0.9%	-1.4%	1.2%	-0.5%	1.5%	0.1%	-0.5%
01 to 02	-269	-122	125	-486	145	75	81	-45	-496
	-4.7%	-0.8%	1.1%	-1.6%	0.6%	0.6%	1.3%	-2.0%	-0.5%
02 to 03	-235	-129	117	-486	200	9	189	-56	-391
	-4.3%	-0.8%	1.1%	-1.6%	0.8%	0.1%	3.0%	-2.5%	-0.4%
03 to 04	-133	-227	93	-525	247	100	97	-46	-394
	-2.5%	-1.5%	0.8%	-1.8%	1.0%	0.8%	1.5%	-2.1%	-0.4%
04 to 05	-88	-202	26	-556	220	120	-40	129	-391
	-1.7%	-1.4%	0.2%	-2.0%	0.9%	0.9%	-0.6%	6.1%	-0.4%
05 to 06	-56	-283	11	-442	199	44	65	48	-414
	-1.1%	-1.9%	0.1%	-1.6%	0.8%	0.3%	1.0%	2.1%	-0.4%
06 to 07	-49	-393	75	-476	-49	389	51	37	-415
	-1.0%	-2.7%	0.7%	-1.7%	-0.2%	2.9%	0.8%	1.6%	-0.4%
07 to 08	-66	-413	150	-525	50	329	-22	63	-434
	-1.3%	-3.0%	1.3%	-1.9%	0.2%	2.4%	-0.3%	2.7%	-0.4%
08 to 09	-70	-383	23	-391	-26	352	10	39	-446
	-1.4%	-2.8%	0.2%	-1.5%	-0.1%	2.5%	0.1%	1.6%	-0.4%
09 to 10	-63	-371	36	-409	76	190	64	30	-447
	-1.3%	-2.8%	0.3%	-1.6%	0.3%	1.3%	1.0%	1.2%	-0.4%
10 to 11	-56	-295	-119	-281	-19	222	38	59	-451
	-1.2%	-2.3%	-1.0%	-1.1%	-0.1%	1.5%	0.6%	2.4%	-0.4%
11 to 12	-52	-289	-125	-291	-177	335	89	40	-470
	-1.1%	-2.3%	-1.1%	-1.1%	-0.7%	2.3%	1.3%	1.6%	-0.5%
12 to 13	-40	-324	-92	-285	-162	316	40	84	-463
	-0.9%	-2.6%	-0.8%	-1.1%	-0.6%	2.1%	0.6%	3.3%	-0.4%
13 to 14	-31	-315	-34	-432	-52	329	20	38	-477
	-0.7%	-2.6%	-0.3%	-1.7%	-0.2%	2.1%	0.3%	1.4%	-0.5%
14 to 15	-28	-206	-177	-387	-53	220	103	47	-481
	-0.6%	-1.8%	-1.6%	-1.6%	-0.2%	1.4%	1.5%	1.8%	-0.5%
15 to 16	-20	-159	-323	-312	-28	296	-13	71	-488
	-0.4%	-1.4%	-2.9%	-1.3%	-0.1%	1.9%	-0.2%	2.6%	-0.5%

POPULATION PROJECTIONS - 2000 BASED

Total Population

Area Angus Council

Year	Age Groups																		Total
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85+	
2000	5,984	7,045	7,018	6,469	5,887	7,241	7,509	7,863	7,769	7,424	8,233	6,487	5,786	5,290	4,749	3,767	2,403	2,256	109,180
	5.5%	6.5%	6.4%	5.9%	5.4%	6.6%	6.9%	7.2%	7.1%	6.8%	7.5%	5.9%	5.3%	4.8%	4.3%	3.5%	2.2%	2.1%	100.0%
2001	5,741	6,884	7,024	6,535	5,776	6,873	7,533	7,780	7,775	7,399	8,333	6,721	5,736	5,232	4,773	3,785	2,478	2,258	108,636
	5.3%	6.3%	6.5%	6.0%	5.3%	6.3%	6.9%	7.2%	7.2%	6.8%	7.7%	6.2%	5.3%	4.8%	4.4%	3.5%	2.3%	2.1%	100.0%
2002	5,472	6,725	7,068	6,579	5,850	6,453	7,505	7,630	7,887	7,457	7,796	7,333	5,770	5,258	4,800	3,779	2,565	2,213	108,140
	5.1%	6.2%	6.5%	6.1%	5.4%	6.0%	6.9%	7.1%	7.3%	6.9%	7.2%	6.8%	5.3%	4.9%	4.4%	3.5%	2.4%	2.0%	100.0%
2003	5,237	6,587	7,093	6,669	5,861	6,037	7,530	7,480	7,942	7,464	7,606	7,658	5,874	5,339	4,682	3,830	2,703	2,157	107,749
	4.9%	6.1%	6.6%	6.2%	5.4%	5.6%	7.0%	6.9%	7.4%	6.9%	7.1%	7.1%	5.5%	5.0%	4.3%	3.6%	2.5%	2.0%	100.0%
2004	5,104	6,357	7,177	6,589	5,953	5,833	7,289	7,442	7,900	7,520	7,496	7,857	6,097	5,336	4,664	3,827	2,803	2,111	107,355
	4.8%	5.9%	6.7%	6.1%	5.5%	5.4%	6.8%	6.9%	7.4%	7.0%	7.0%	7.3%	5.7%	5.0%	4.3%	3.6%	2.6%	2.0%	100.0%
2005	5,016	6,166	7,136	6,577	6,021	5,719	6,957	7,404	7,828	7,672	7,366	8,008	6,200	5,394	4,670	3,869	2,721	2,240	106,964
	4.7%	5.8%	6.7%	6.1%	5.6%	5.3%	6.5%	6.9%	7.3%	7.2%	6.9%	7.5%	5.8%	5.0%	4.4%	3.6%	2.5%	2.1%	100.0%
2006	4,960	5,942	6,987	6,592	6,107	5,647	6,612	7,445	7,762	7,685	7,347	8,105	6,425	5,351	4,640	3,907	2,748	2,288	106,550
	4.7%	5.6%	6.6%	6.2%	5.7%	5.3%	6.2%	7.0%	7.3%	7.2%	6.9%	7.6%	6.0%	5.0%	4.4%	3.7%	2.6%	2.1%	100.0%
2007	4,911	5,685	6,831	6,637	6,157	5,734	6,206	7,424	7,626	7,798	7,412	7,593	7,017	5,390	4,683	3,944	2,762	2,325	106,135
	4.6%	5.4%	6.4%	6.3%	5.8%	5.4%	5.8%	7.0%	7.2%	7.3%	7.0%	7.2%	6.6%	5.1%	4.4%	3.7%	2.6%	2.2%	100.0%
2008	4,845	5,446	6,693	6,659	6,249	5,744	5,793	7,450	7,478	7,852	7,420	7,413	7,329	5,492	4,766	3,865	2,819	2,388	105,701
	4.6%	5.2%	6.3%	6.3%	5.9%	5.4%	5.5%	7.0%	7.1%	7.4%	7.0%	7.0%	6.9%	5.2%	4.5%	3.7%	2.7%	2.3%	100.0%
2009	4,775	5,314	6,464	6,738	6,171	5,835	5,588	7,212	7,439	7,814	7,480	7,311	7,522	5,701	4,770	3,863	2,831	2,427	105,255
	4.5%	5.0%	6.1%	6.4%	5.9%	5.5%	5.3%	6.9%	7.1%	7.4%	7.1%	6.9%	7.1%	5.4%	4.5%	3.7%	2.7%	2.3%	100.0%
2010	4,712	5,228	6,274	6,696	6,154	5,903	5,478	6,881	7,403	7,740	7,631	7,190	7,664	5,805	4,834	3,886	2,872	2,457	104,808
	4.5%	5.0%	6.0%	6.4%	5.9%	5.6%	5.2%	6.6%	7.1%	7.4%	7.3%	6.9%	7.3%	5.5%	4.6%	3.7%	2.7%	2.3%	100.0%
2011	4,656	5,172	6,051	6,547	6,168	5,990	5,407	6,542	7,445	7,676	7,644	7,177	7,756	6,017	4,797	3,880	2,916	2,516	104,357
	4.5%	5.0%	5.8%	6.3%	5.9%	5.7%	5.2%	6.3%	7.1%	7.4%	7.3%	6.9%	7.4%	5.8%	4.6%	3.7%	2.8%	2.4%	100.0%
2012	4,604	5,126	5,792	6,394	6,212	6,039	5,491	6,138	7,425	7,544	7,754	7,242	7,271	6,574	4,840	3,932	2,953	2,556	103,887
	4.4%	4.9%	5.6%	6.2%	6.0%	5.8%	5.3%	5.9%	7.1%	7.3%	7.5%	7.0%	7.0%	6.3%	4.7%	3.8%	2.8%	2.5%	100.0%
2013	4,564	5,061	5,552	6,261	6,234	6,129	5,501	5,727	7,451	7,398	7,812	7,254	7,109	6,869	4,937	4,015	2,910	2,640	103,424
	4.4%	4.9%	5.4%	6.1%	6.0%	5.9%	5.3%	5.5%	7.2%	7.2%	7.6%	7.0%	6.9%	6.6%	4.8%	3.9%	2.8%	2.6%	100.0%
2014	4,533	4,992	5,422	6,030	6,315	6,050	5,591	5,521	7,214	7,364	7,772	7,314	7,020	7,053	5,133	4,022	2,923	2,678	102,947
	4.4%	4.8%	5.3%	5.9%	6.1%	5.9%	5.4%	5.4%	7.0%	7.2%	7.5%	7.1%	6.8%	6.9%	5.0%	3.9%	2.8%	2.6%	100.0%
2015	4,505	4,927	5,336	5,840	6,273	6,036	5,657	5,411	6,885	7,327	7,703	7,466	6,910	7,183	5,234	4,085	2,963	2,725	102,466
	4.4%	4.8%	5.2%	5.7%	6.1%	5.9%	5.5%	5.3%	6.7%	7.2%	7.5%	7.3%	6.7%	7.0%	5.1%	4.0%	2.9%	2.7%	100.0%
2016	4,485	4,873	5,280	5,619	6,122	6,049	5,743	5,341	6,544	7,370	7,639	7,481	6,905	7,272	5,424	4,063	2,972	2,796	101,978
	4.4%	4.8%	5.2%	5.5%	6.0%	5.9%	5.6%	5.2%	6.4%	7.2%	7.5%	7.3%	6.8%	7.1%	5.3%	4.0%	2.9%	2.7%	100.0%

POPULATION PROJECTIONS - 1994 BASED : ANNUAL CHANGE

Total Population
Area

Angus Council

Five Year Age Groups

Period	Age Groups																		Total
	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85+	
00 to 01	-243	-161	6	66	-111	-368	24	-83	6	-25	100	234	-50	-58	24	18	75	2	-544
	-4.1%	-2.3%	0.1%	1.0%	-1.9%	-5.1%	0.3%	-1.1%	0.1%	-0.3%	1.2%	3.6%	-0.9%	-1.1%	0.5%	0.5%	3.1%	0.1%	-0.5%
01 to 02	-269	-159	44	44	74	-420	-28	-150	112	58	-537	612	34	26	27	-6	87	-45	-496
	-4.7%	-2.3%	0.6%	0.7%	1.3%	-6.1%	-0.4%	-1.9%	1.4%	0.8%	-6.4%	9.1%	0.6%	0.5%	0.6%	-0.2%	3.5%	-2.0%	-0.5%
02 to 03	-235	-138	25	90	11	-416	25	-150	55	7	-190	325	104	81	-118	51	138	-56	-391
	-4.3%	-2.1%	0.4%	1.4%	0.2%	-6.4%	0.3%	-2.0%	0.7%	0.1%	-2.4%	4.4%	1.8%	1.5%	-2.5%	1.3%	5.4%	-2.5%	-0.4%
03 to 04	-133	-230	84	-80	92	-204	-241	-38	-42	56	-110	199	223	-3	-18	-3	100	-46	-394
	-2.5%	-3.5%	1.2%	-1.2%	1.6%	-3.4%	-3.2%	-0.5%	-0.5%	0.8%	-1.4%	2.6%	3.8%	-0.1%	-0.4%	-0.1%	3.7%	-2.1%	-0.4%
04 to 05	-88	-191	-41	-12	68	-114	-332	-38	-72	152	-130	151	103	58	6	42	-82	129	-391
	-1.7%	-3.0%	-0.6%	-0.2%	1.1%	-2.0%	-4.6%	-0.5%	-0.9%	2.0%	-1.7%	1.9%	1.7%	1.1%	0.1%	1.1%	-2.9%	6.1%	-0.4%
05 to 06	-56	-224	-149	15	86	-72	-345	41	-66	13	-19	97	225	-43	-30	38	27	48	-414
	-1.1%	-3.6%	-2.1%	0.2%	1.4%	-1.3%	-5.0%	0.6%	-0.8%	0.2%	-0.3%	1.2%	3.6%	-0.8%	-0.6%	1.0%	1.0%	2.1%	-0.4%
06 to 07	-49	-257	-156	45	50	87	-406	-21	-136	113	65	-512	592	39	43	37	14	37	-415
	-1.0%	-4.3%	-2.2%	0.7%	0.8%	1.5%	-6.1%	-0.3%	-1.8%	1.5%	0.9%	-6.3%	9.2%	0.7%	0.9%	0.9%	0.5%	1.6%	-0.4%
07 to 08	-66	-239	-138	22	92	10	-413	26	-148	54	8	-180	312	102	83	-79	57	63	-434
	-1.3%	-4.2%	-2.0%	0.3%	1.5%	0.2%	-6.7%	0.4%	-1.9%	0.7%	0.1%	-2.4%	4.4%	1.9%	1.8%	-2.0%	2.1%	2.7%	-0.4%
08 to 09	-70	-132	-229	79	-78	91	-205	-238	-39	-38	60	-102	193	209	4	-2	12	39	-446
	-1.4%	-2.4%	-3.4%	1.2%	-1.2%	1.6%	-3.5%	-3.2%	-0.5%	-0.5%	0.8%	-1.4%	2.6%	3.8%	0.1%	-0.1%	0.4%	1.6%	-0.4%
09 to 10	-63	-86	-190	-42	-17	68	-110	-331	-36	-74	151	-121	142	104	64	23	41	30	-447
	-1.3%	-1.6%	-2.9%	-0.6%	-0.3%	1.2%	-2.0%	-4.6%	-0.5%	-0.9%	2.0%	-1.7%	1.9%	1.8%	1.3%	0.6%	1.4%	1.2%	-0.4%
10 to 11	-56	-56	-223	-149	14	87	-71	-339	42	-64	13	-13	92	212	-37	-6	44	59	-451
	-1.2%	-1.1%	-3.6%	-2.2%	0.2%	1.5%	-1.3%	-4.9%	0.6%	-0.8%	0.2%	-0.2%	1.2%	3.7%	-0.8%	-0.2%	1.5%	2.4%	-0.4%
11 to 12	-52	-46	-259	-153	44	49	84	-404	-20	-132	110	65	-485	557	43	52	37	40	-470
	-1.1%	-0.9%	-4.3%	-2.3%	0.7%	0.8%	1.6%	-6.2%	-0.3%	-1.7%	1.4%	0.9%	-6.3%	9.3%	0.9%	1.3%	1.3%	1.6%	-0.5%
12 to 13	-40	-65	-240	-133	22	90	10	-411	26	-146	58	12	-162	295	97	83	-43	84	-463
	-0.9%	-1.3%	-4.1%	-2.1%	0.4%	1.5%	0.2%	-6.7%	0.4%	-1.9%	0.7%	0.2%	-2.2%	4.5%	2.0%	2.1%	-1.5%	3.3%	-0.4%
13 to 14	-31	-69	-130	-231	81	-79	90	-206	-237	-34	-40	60	-89	184	196	7	13	38	-477
	-0.7%	-1.4%	-2.3%	-3.7%	1.3%	-1.3%	1.6%	-3.6%	-3.2%	-0.5%	-0.5%	0.8%	-1.3%	2.7%	4.0%	0.2%	0.4%	1.4%	-0.5%
14 to 15	-28	-65	-86	-190	-42	-14	66	-110	-329	-37	-69	152	-110	130	101	63	40	47	-481
	-0.6%	-1.3%	-1.6%	-3.2%	-0.7%	-0.2%	1.2%	-2.0%	-4.6%	-0.5%	-0.9%	2.1%	-1.6%	1.8%	2.0%	1.6%	1.4%	1.8%	-0.5%
15 to 16	-20	-54	-56	-221	-151	13	86	-70	-341	43	-64	15	-5	89	190	-22	9	71	-488
	-0.4%	-1.1%	-1.0%	-3.8%	-2.4%	0.2%	1.5%	-1.3%	-5.0%	0.6%	-0.8%	0.2%	-0.1%	1.2%	3.6%	-0.5%	0.3%	2.6%	-0.5%

Report No 502/02