

Projected Population of Scotland (2010-based)

SCOTLAND'S PEOPLE – PAST, PRESENT & FUTURE

26 October 2011

Population and Migration Statistics Branch

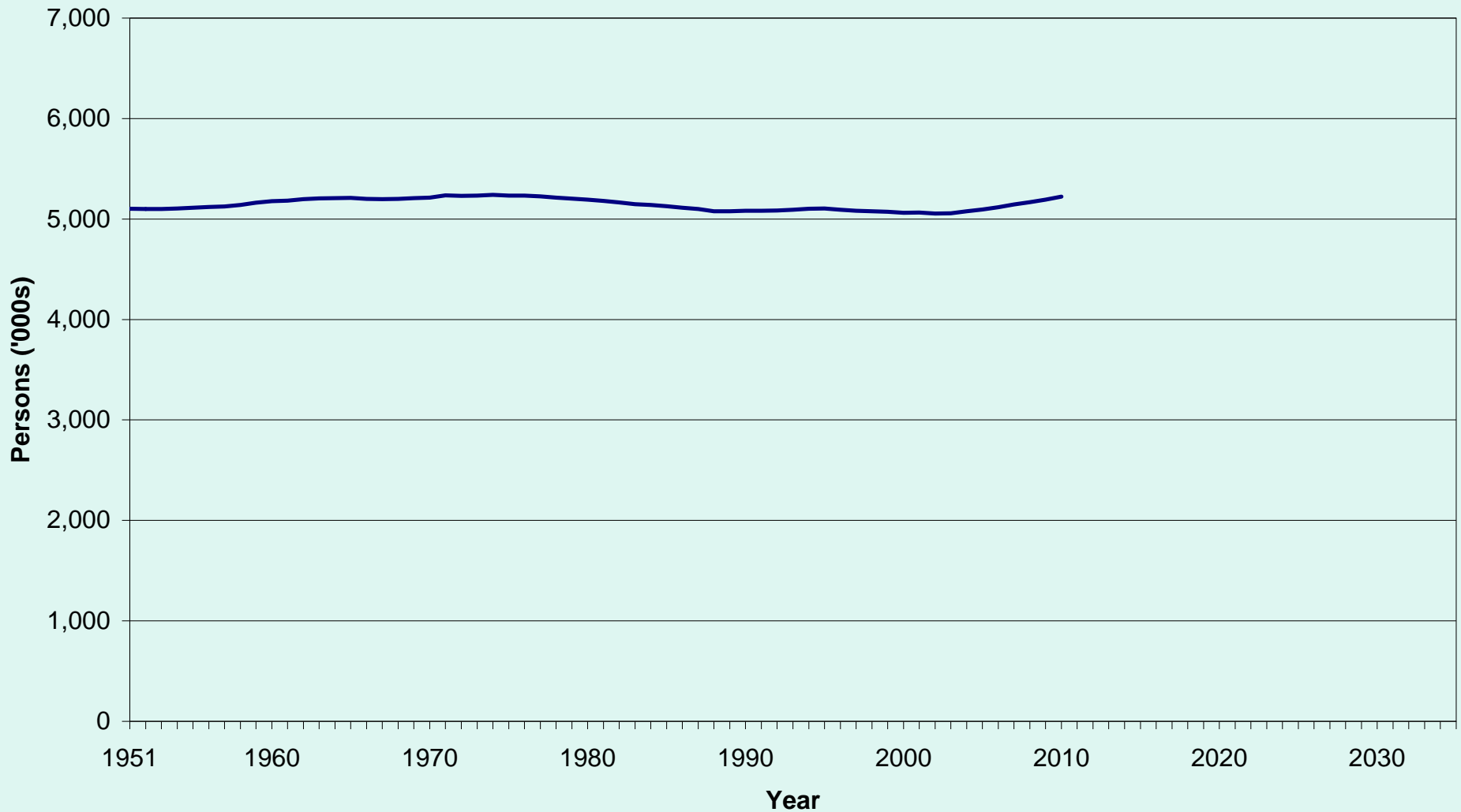
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preserving the past; recording the present; informing the future

Presentation Overview

- Historical trends and future assumptions
- Results for Scotland
- United Kingdom and European comparisons
- Variant Projections
- Questions?

Population, Scotland, 1951-2010



Births, Deaths, and Migration

– the assumptions behind the new projections

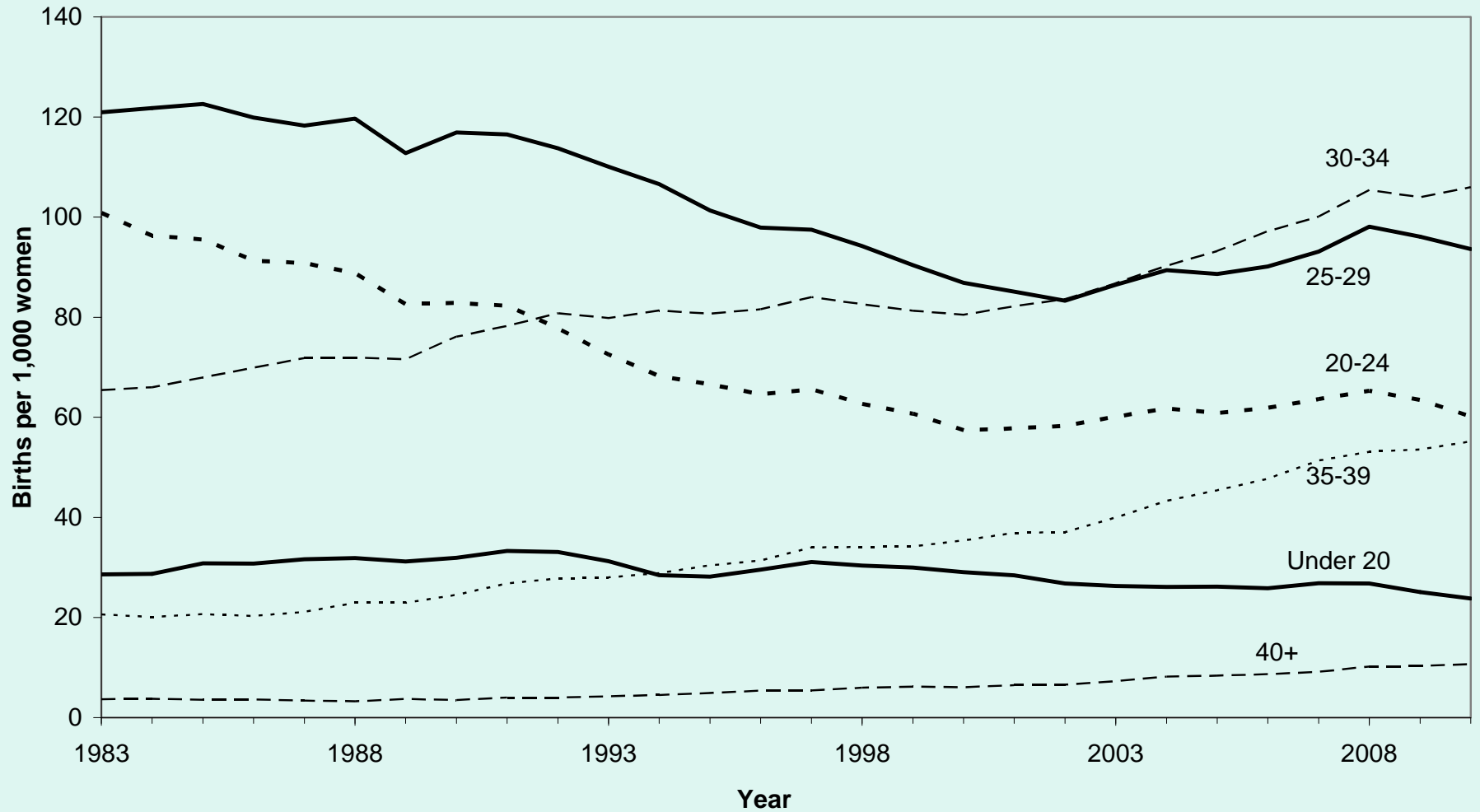
Births



Fertility Assumptions

- Average completed family size will continue to fall from around 1.85 children per woman born in the early 1960s to 1.70 for those women born in the 1990s and later.
- Long-term assumption of 1.70 is the same as for the 2008-based projections

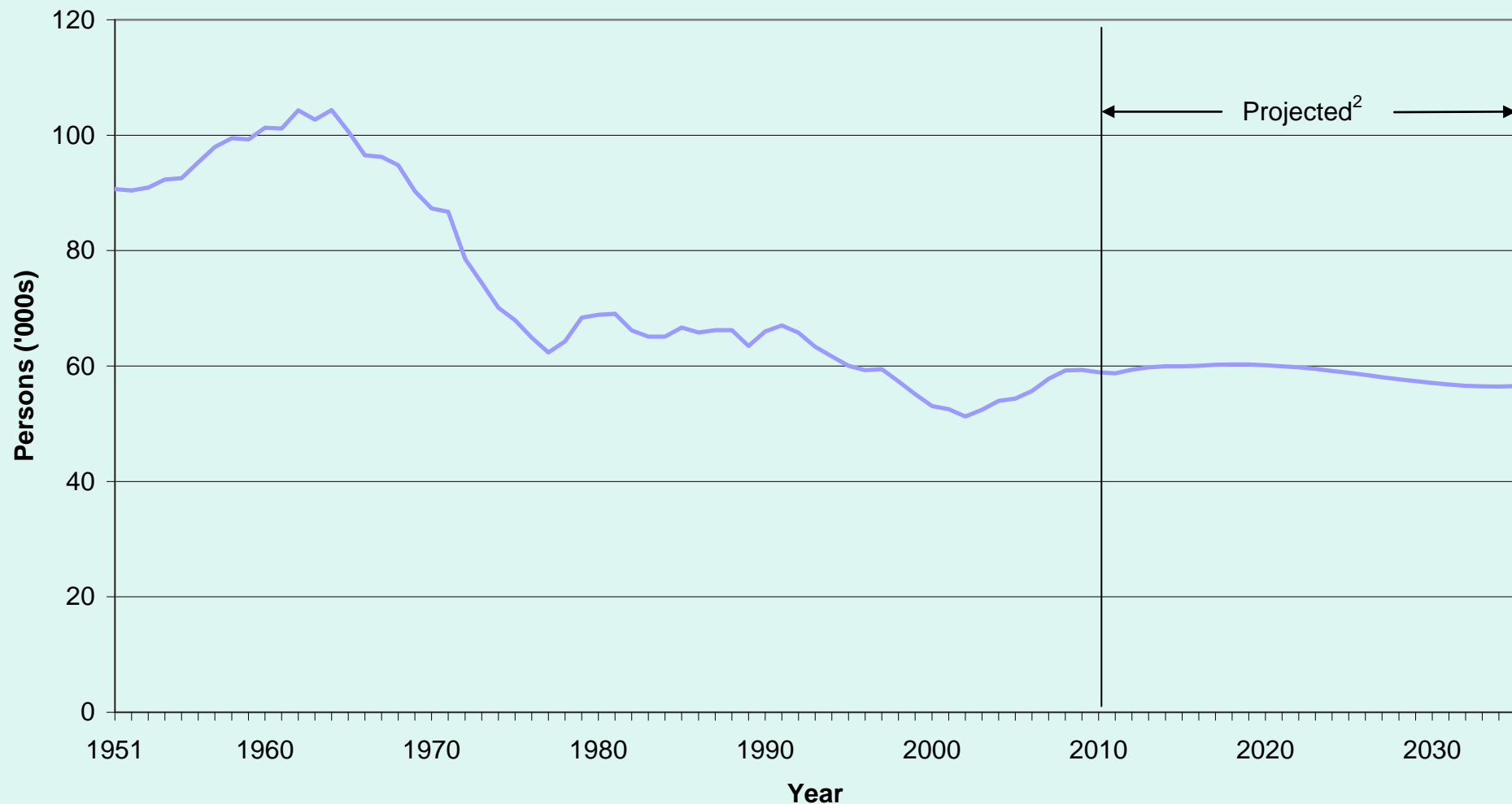
Scotland's Age Specific Fertility 1983-2010



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Births, actual¹ and projected², Scotland, 1951-2035



¹ calendar year

² 2010-based mid-year projections

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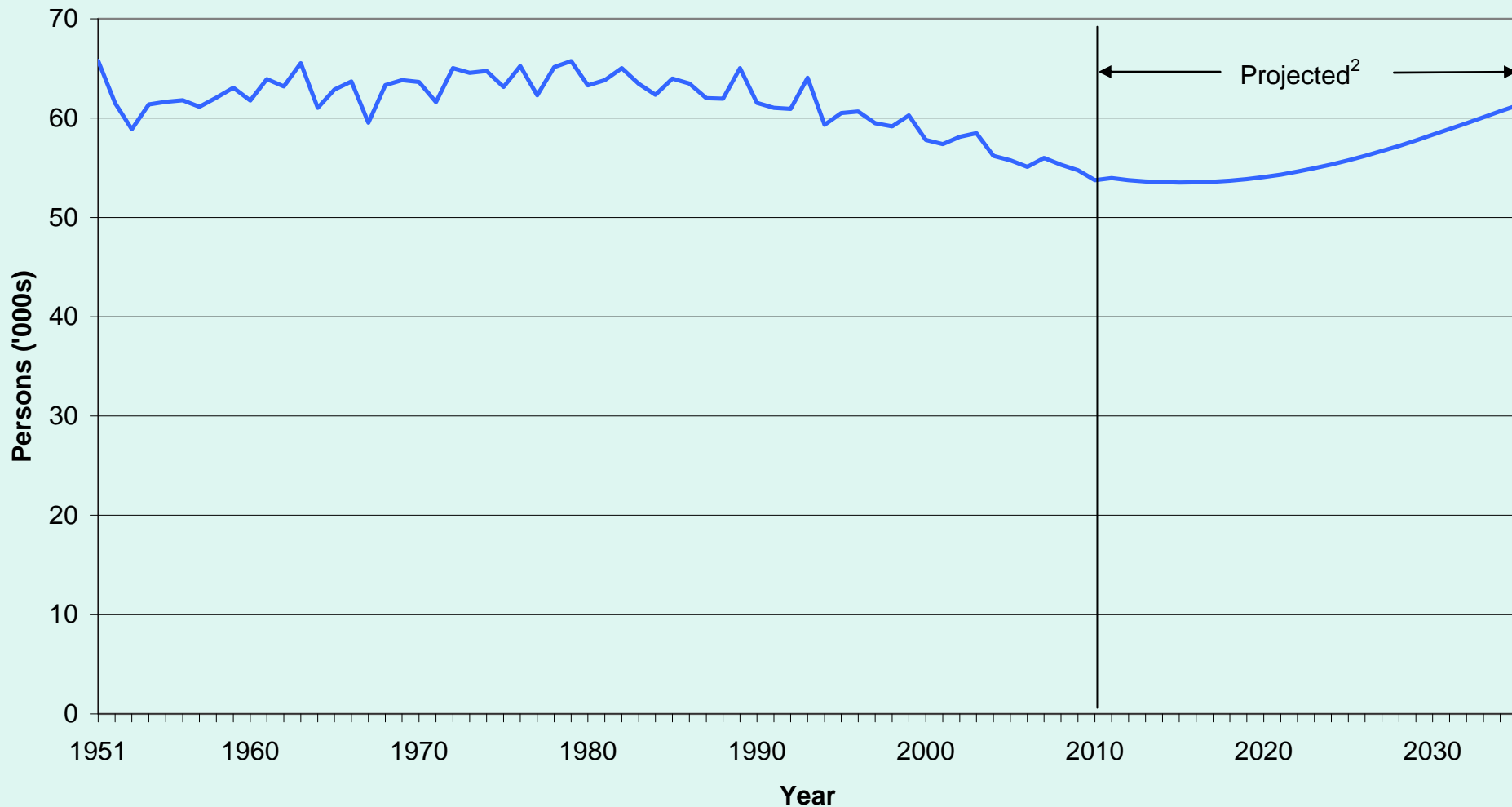
Deaths



Mortality assumptions

- Mortality rates will continue to decrease but Scotland will continue to have higher rates than the rest of the UK
- Life expectancy at birth is projected to increase
 - Males: 75.8 in 2009 to 80.7 in 2035
 - Females: 80.3 in 2009 to 85.3 in 2035

Deaths, Scotland, actual¹ and projected², 1951-2035



¹ calendar year

² 2010-based mid-year projections

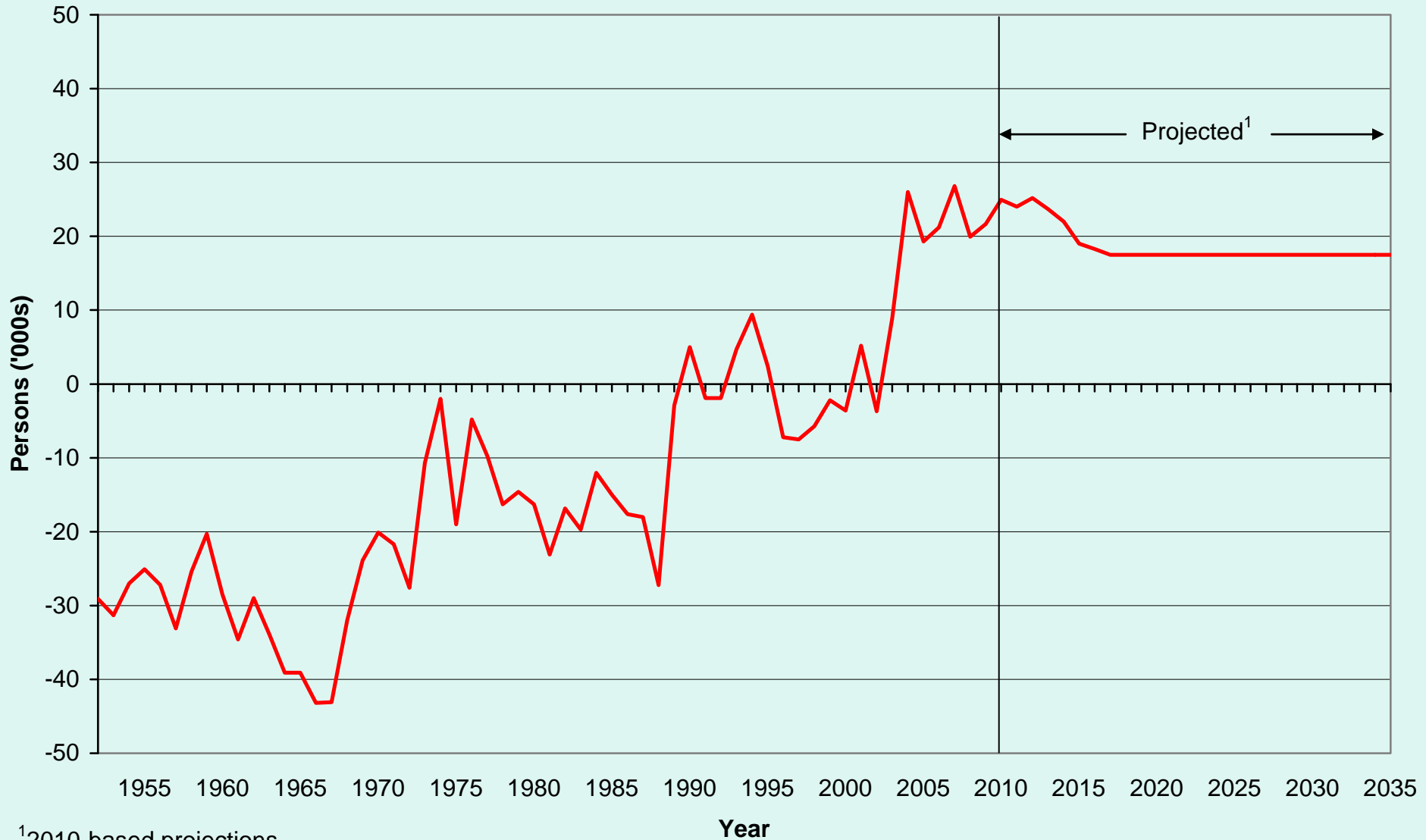
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Migration assumptions

- From 2016-17 there is projected to be an annual net gain of 17,500 people to Scotland
 - +8,500 from rest of UK
 - +9,000 from overseas
- Higher net inflows projected for first 6 years of the projections, reflecting the recent (historically high) levels of in-migration, in particular, A8 migration
- Inflows from Eastern European accession countries (A8) assumed to have a net 0 from 2016-17

Net migration, Scotland, 1951-2035



¹2010-based projections

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Estimated population of Scotland on the
30th June 2010 was:

5,222,100



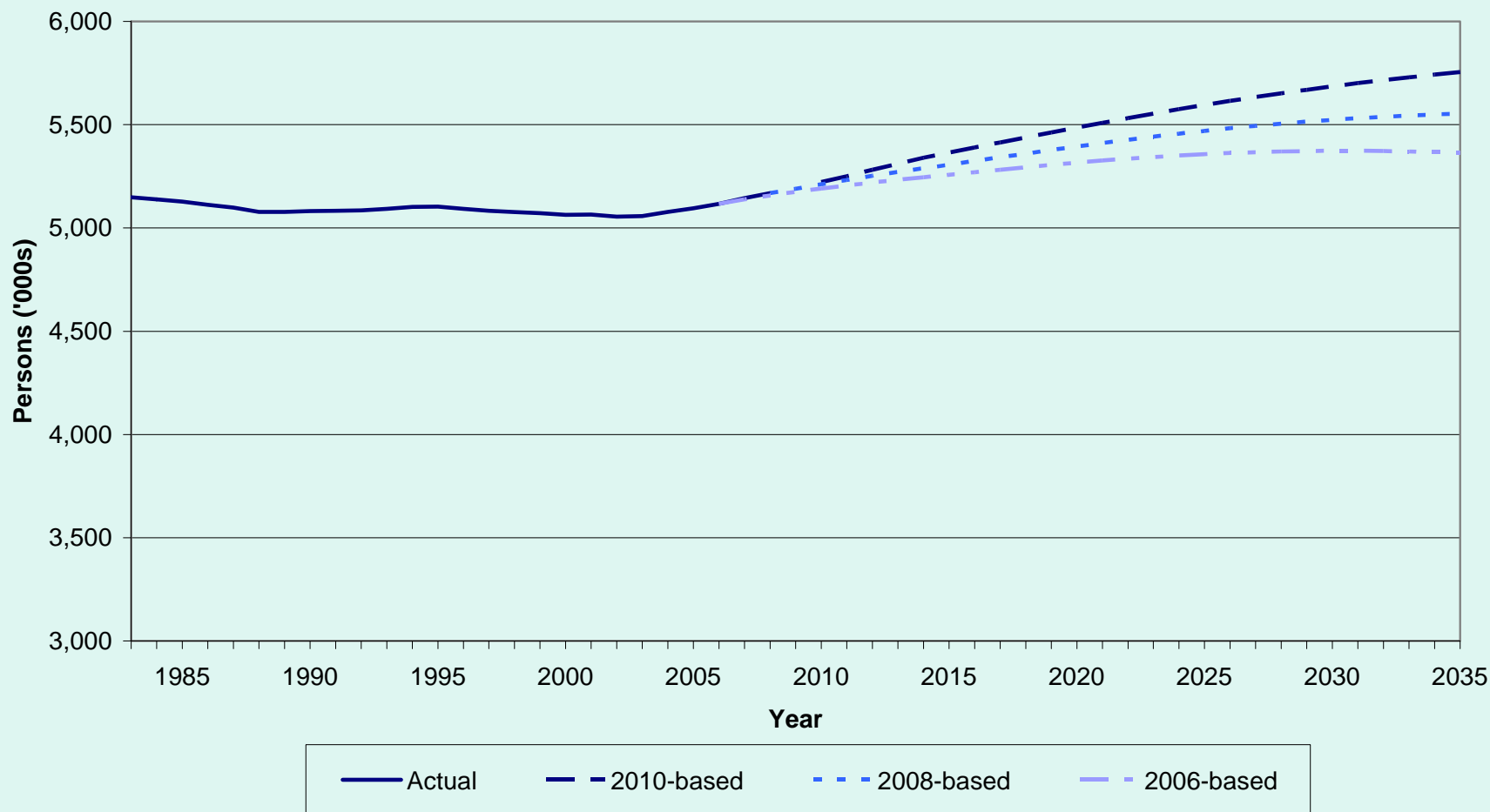
The population is projected to rise:

- above the record 1974 population of 5.24 million this year
- 5.49 million in 2020
- 5.76 million in 2035

and continue to rise in the future.

Population, Scotland, actual and projected, 1951-2035

2006, 2008, and 2010-based projections



As well as showing trends in the total population, the projections also show the differences between age groups

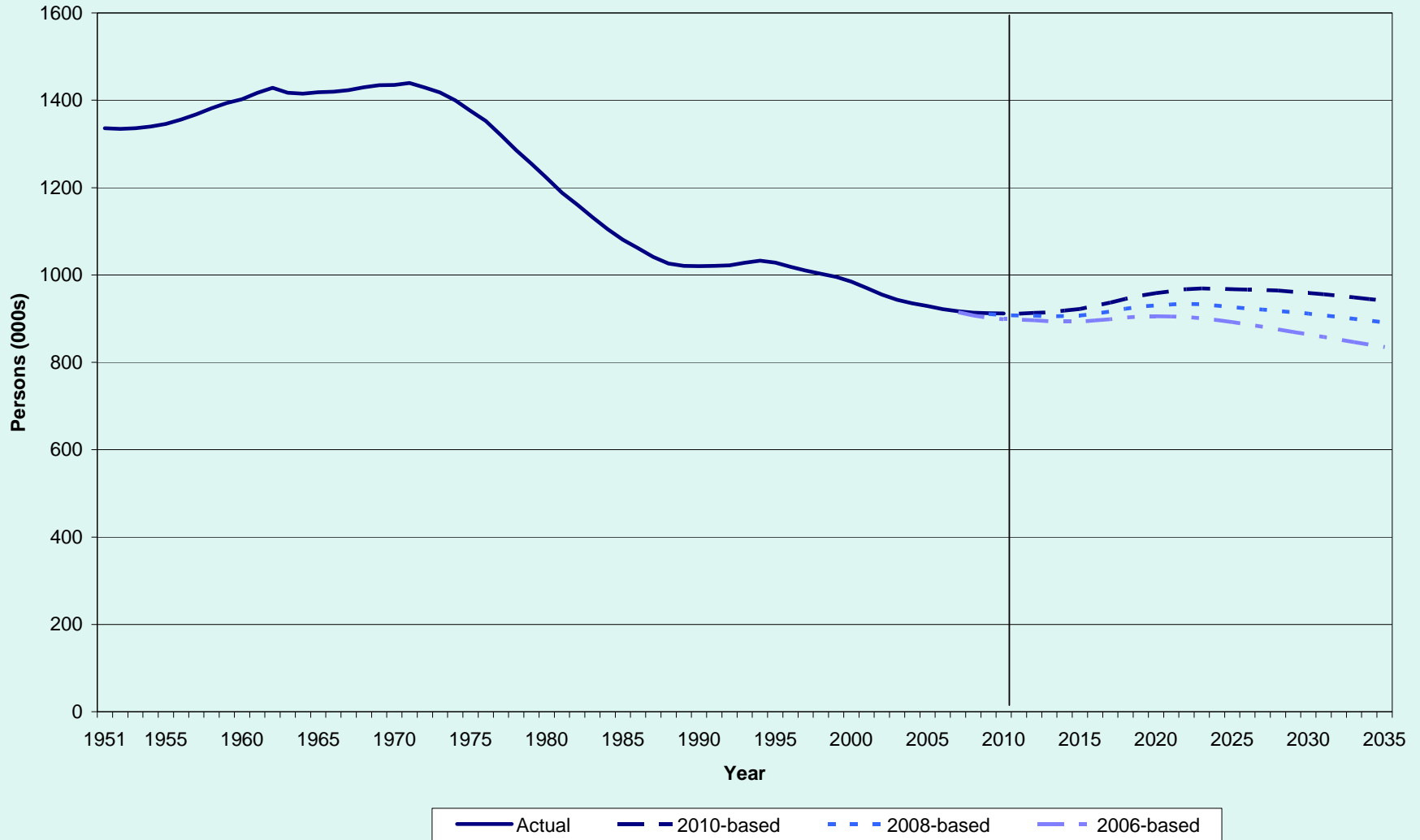
Children (0-15)



- 0.91 million in 2010
- Rises to peak of 0.97 million in 2023
- 0.94 million in 2035
- A increase of 3% over the 25 years

Children aged under 16, actual and projected, 1951-2035

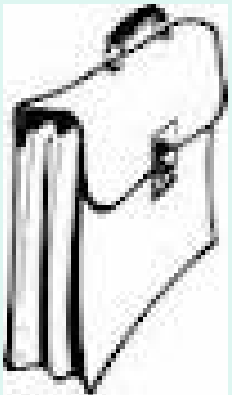
2006, 2008, and 2010-based projections



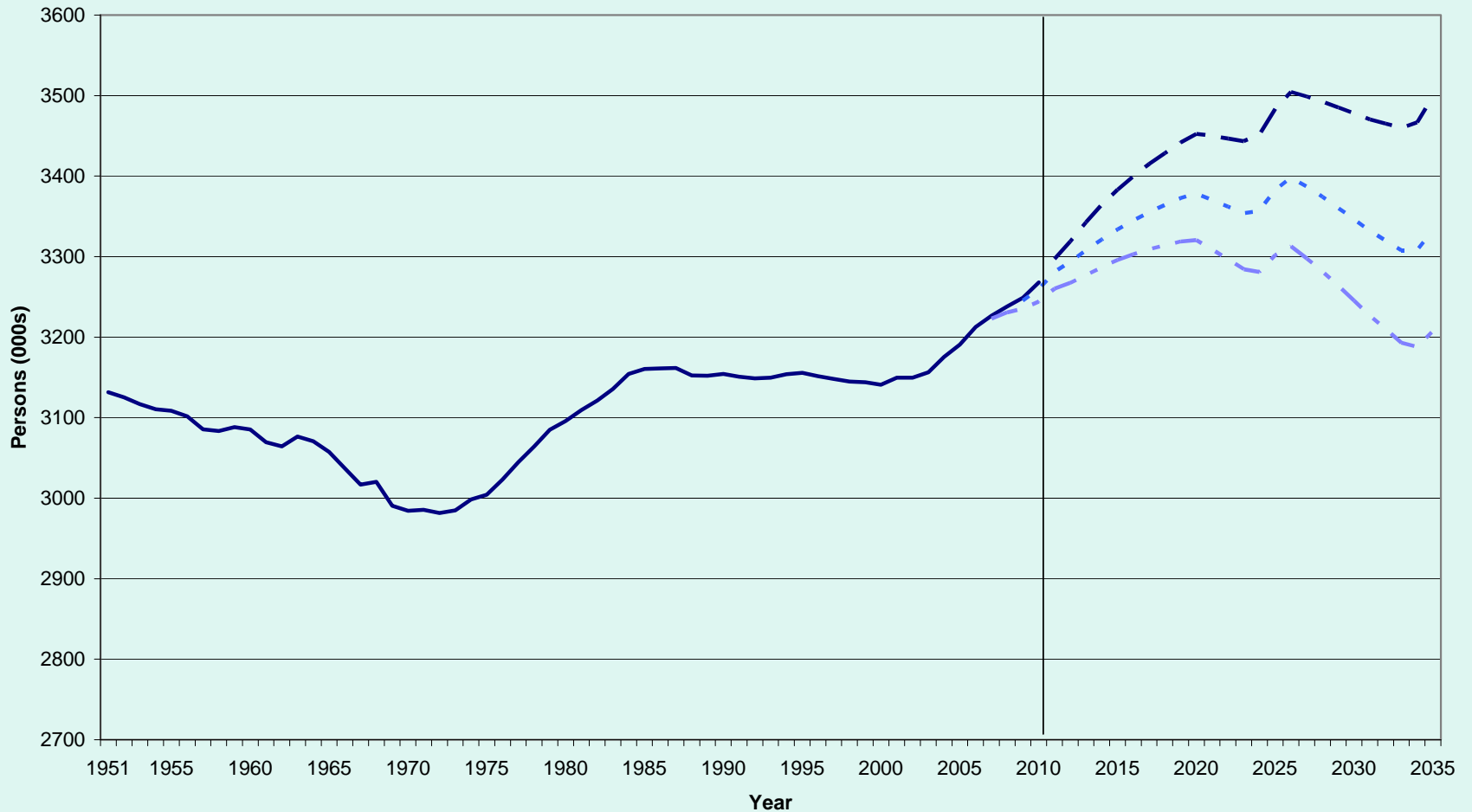
Working Age



- 3.27 million in 2010
- Rises to peak of 3.50 million in 2026
- Falls slightly to 3.46 million in 2033
- Rises to 3.50 million in 2035
- An increase of 7% over 25 years
- Takes into account changes in state pension age



Working age¹ population, actual and projected, Scotland, 1951-2035, 2006, 2008, and 2010-based projections



— Actual - - 2010-based - - 2008-based - - 2006-based

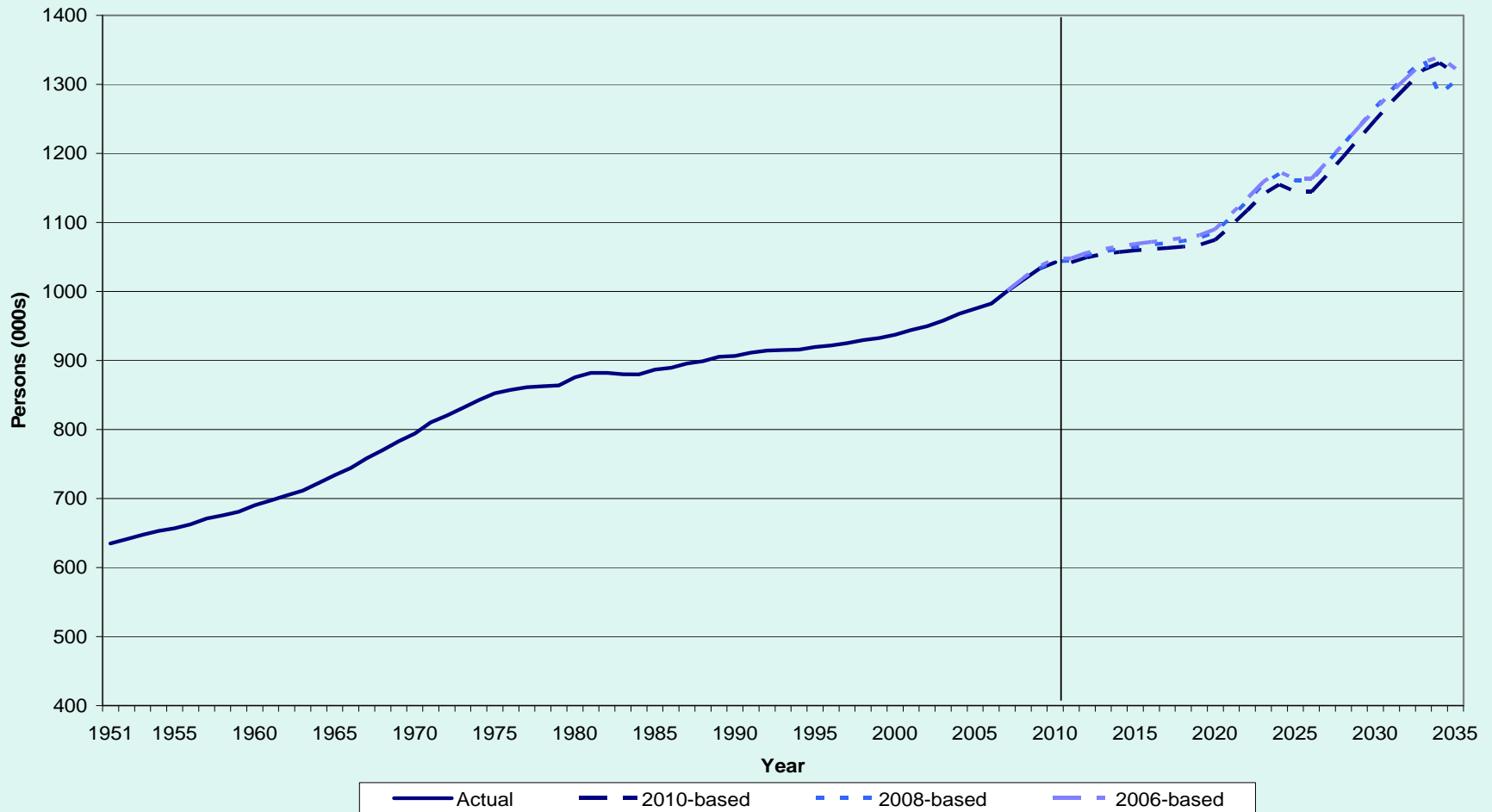
¹ Between 2010 and 2020 the state pension age for women will rise from 60 to 65 and then between 2024 and 2026 will rise for both men and women to 66, and rises again to 68 by 2046.

Pension Age



- 1.04 million in 2010
- 1.32 million in 2035
- An increase of 26%
- Takes into account changes in state pension age

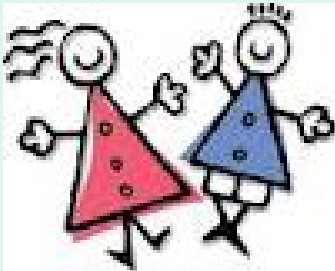
Pension age population¹, actual and projected, Scotland, 1951-2035, 2006, 2008, and 2010-based projections



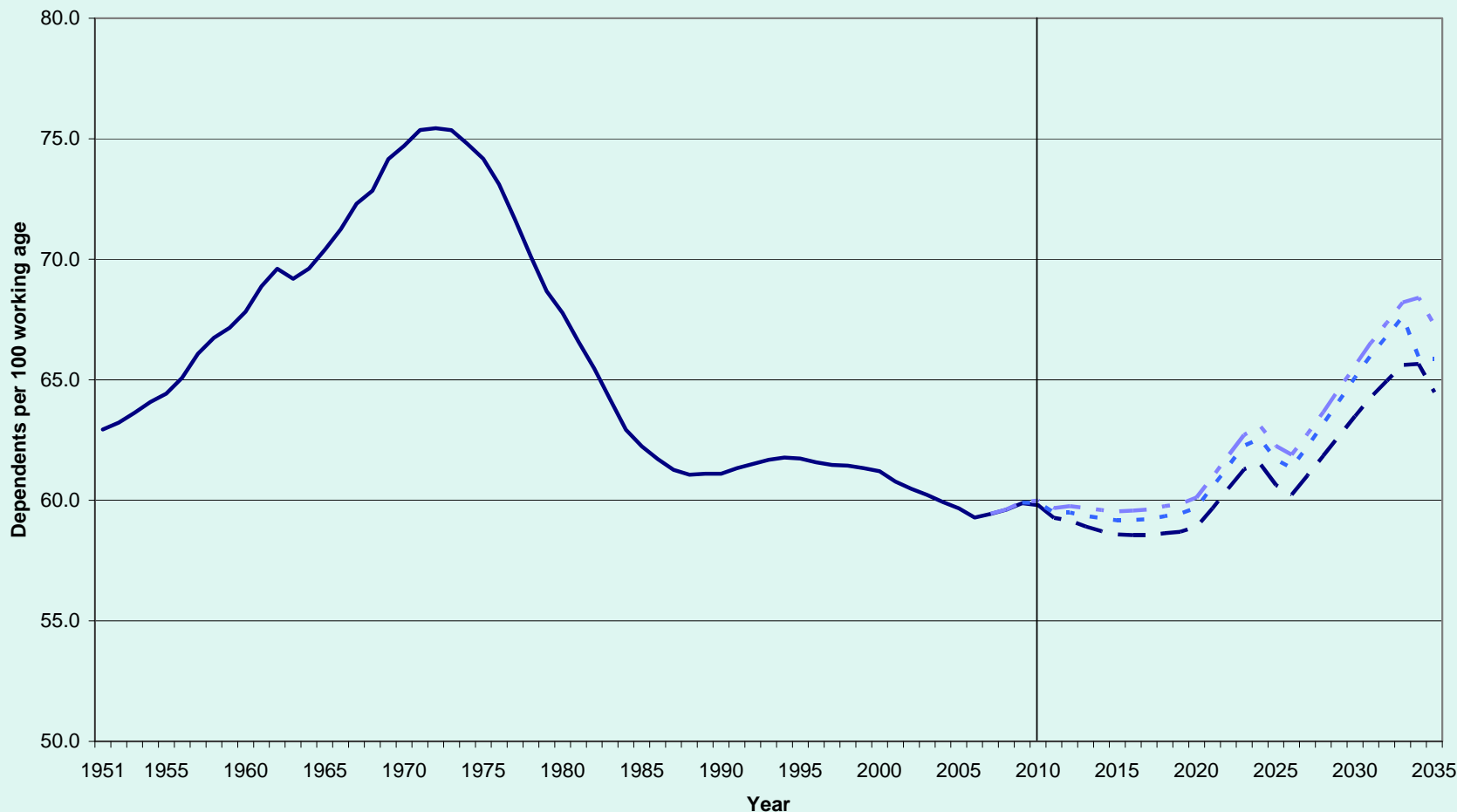
¹ Between 2010 and 2020 the state pension age for women will rise from 60 to 65 and then between 2024 and 2026 will rise for both men and women to 66, and rises again to 68 by 2046.

Dependency Ratios

As the age structure of Scotland's population changes, the dependency ratio – the ratio of people aged under 16 and those of pensionable age per 100 people of working age – is set to change as well



Dependents¹ per 100 working age population, Scotland, actual and projected, 1951-2035, 2006, 2008, and 2010-based projections

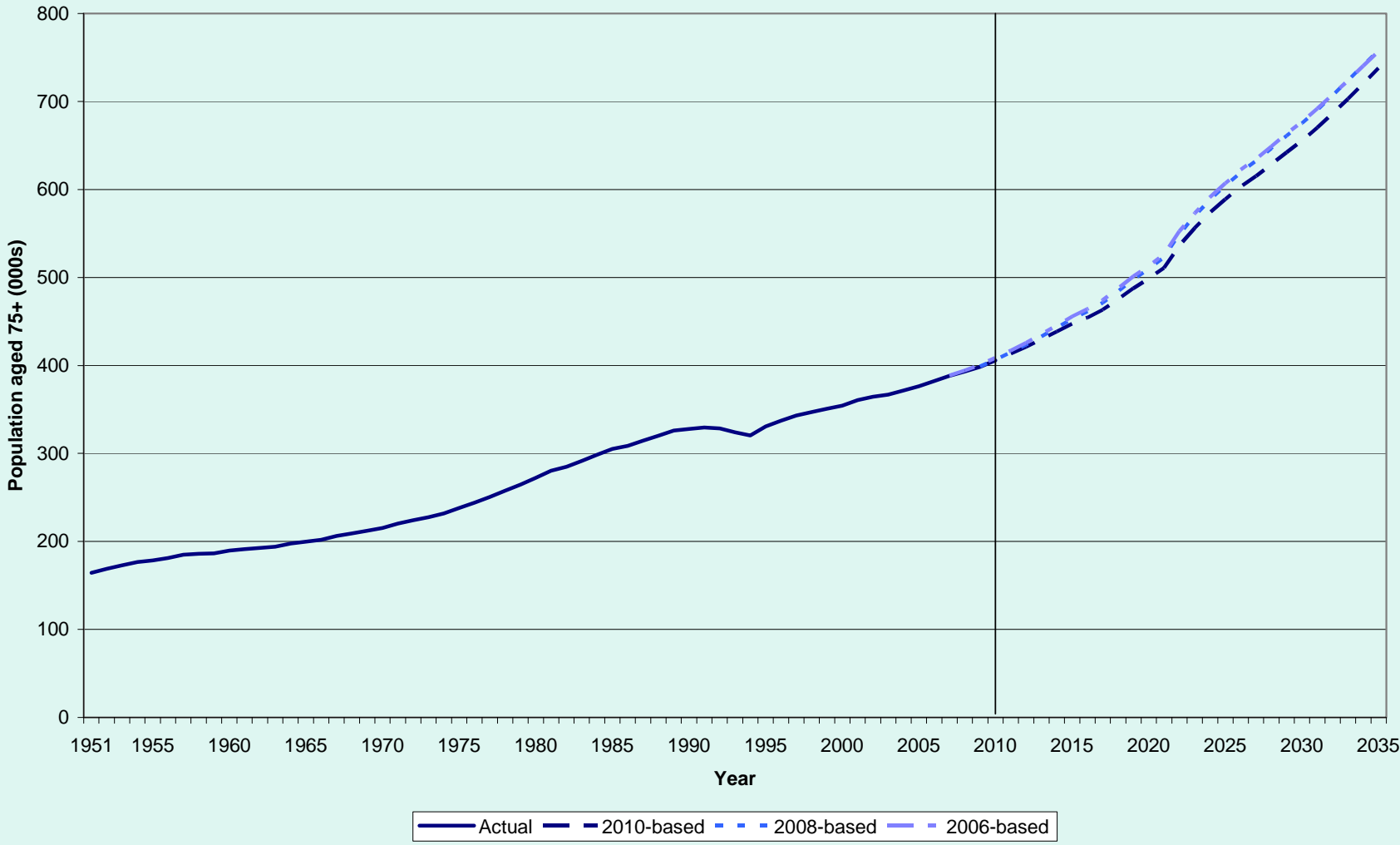


¹ Between 2010 and 2020 the state pension age for women will rise from 60 to 65 and then between 2024 and 2026 will rise for both men and women to 66, and rises again to 68 by 2046.

75 +

- 0.41 million in 2010
- 0.74 million in 2035
- An increase of 82%

Population aged 75+, actual and projected, Scotland, 1951-2035, 2006, 2008, and 2010-based projections



Comparisons with other UK countries

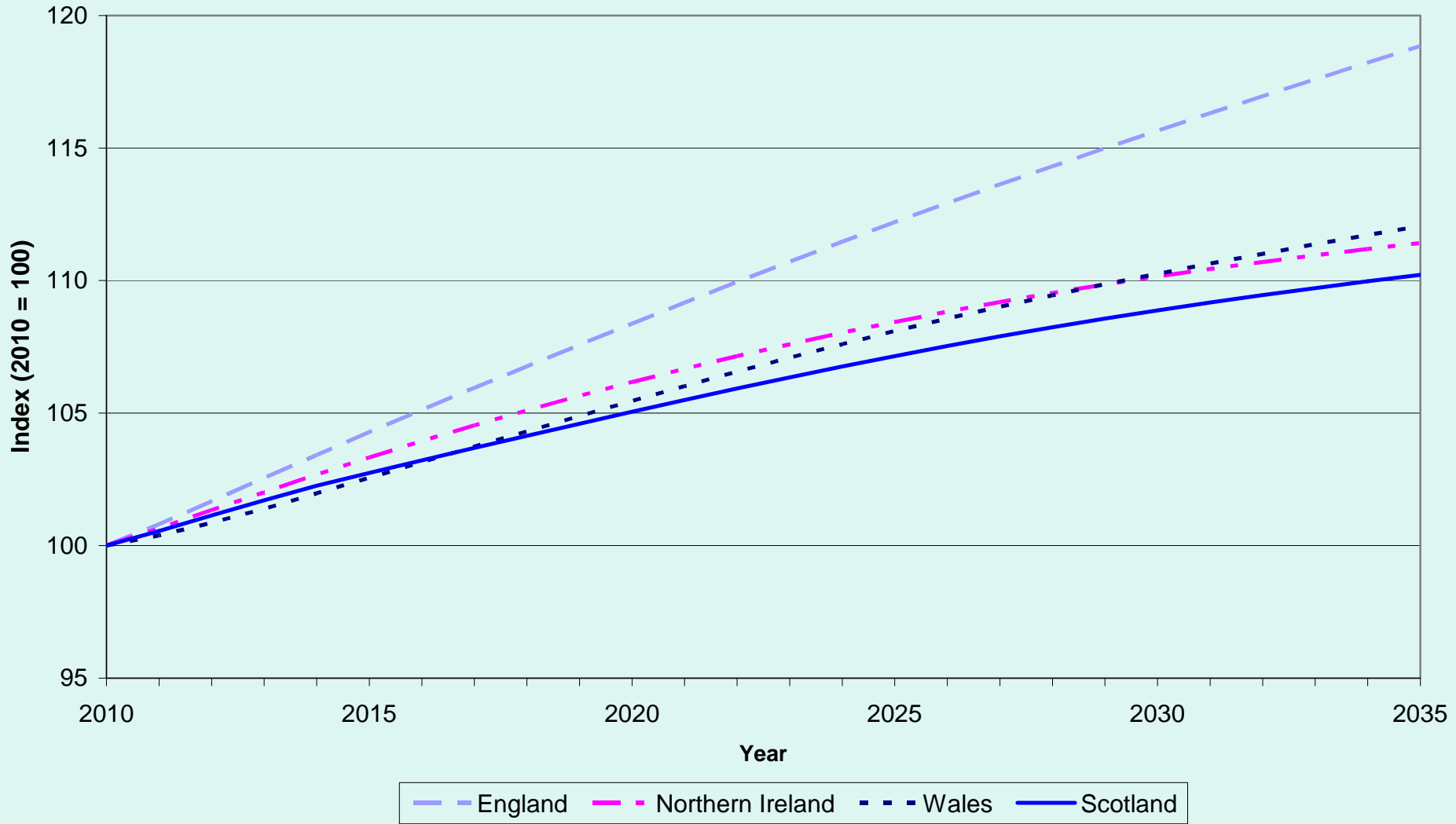


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- UK population is projected to increase from **62.3** million in 2010 to **73.2** million in 2035
- An **18%** rise (compared to Scotland's 10%)

UK countries population growth, 2010-2035

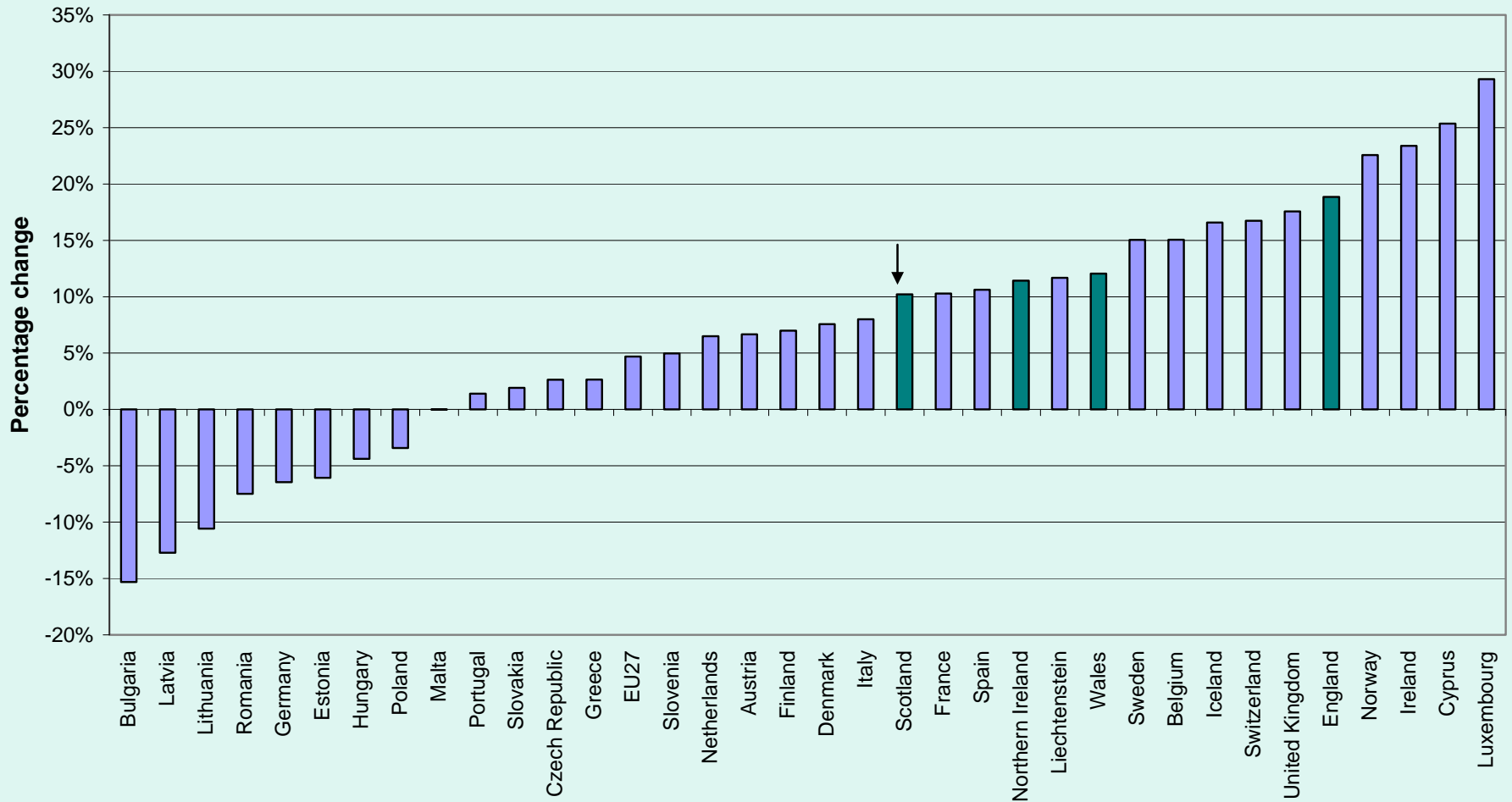


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Comparisons with selected European countries

Projected percentage population change in selected European countries, 2010-2035



Variant Projections

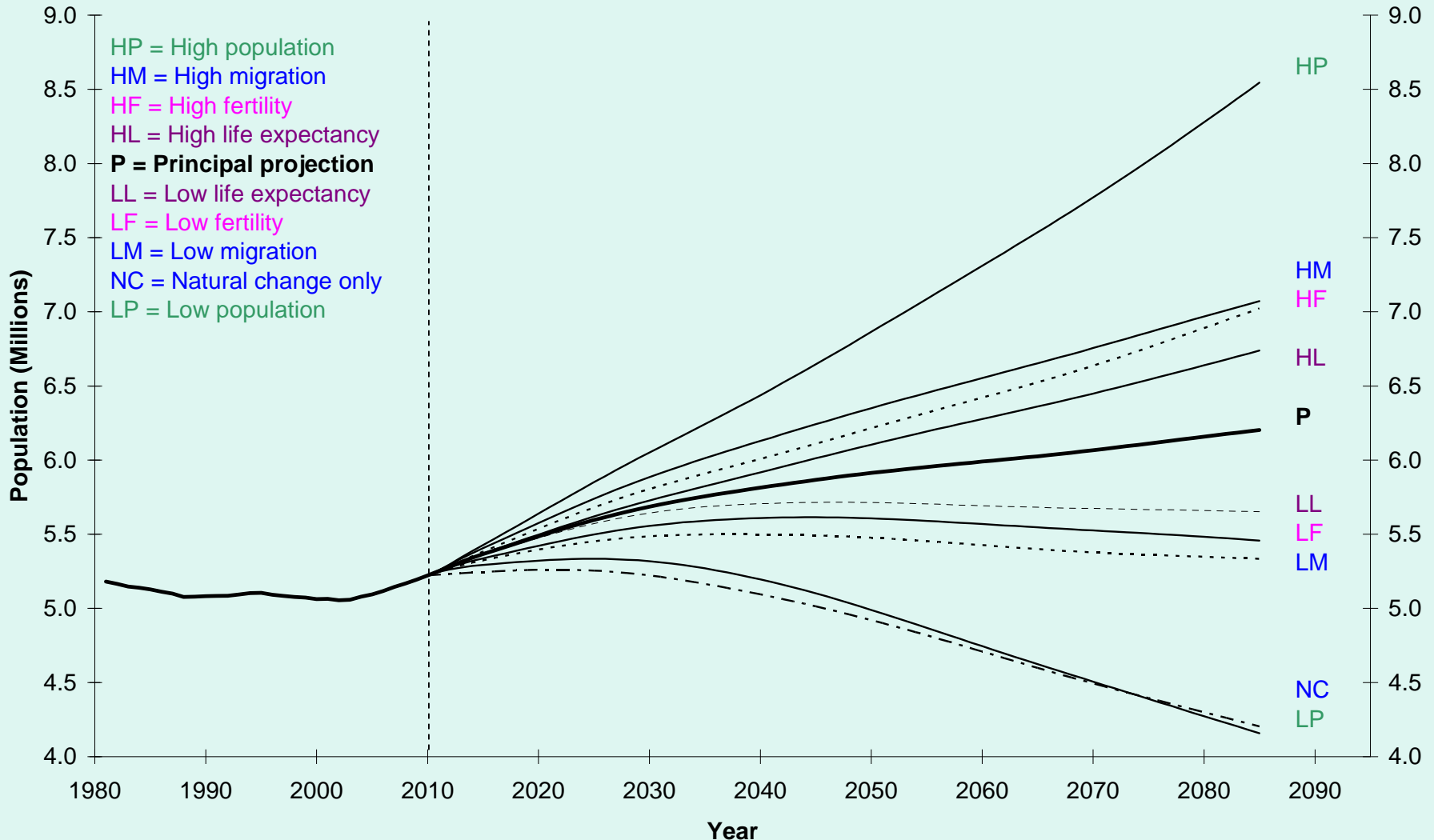
As well as producing the principal projections, which you have seen already, ONS also produce a series of variant projections.

These are based on different plausible assumptions about fertility, mortality and migration giving a more complete picture of what we might expect to see in the future.

Assumptions about the 2010-based principal and nine variant projections for Scotland

		Fertility	Life expectancy Males (2035)	Life expectancy Females (2035)	Migration
1	Principal projection	1.70	80.9	85.1	+17,500
Standard 'single component' variants					
2	High fertility	1.90	80.9	85.1	+17,500
3	Low fertility	1.50	80.9	85.1	+17,500
4	High life expectancy	1.70	83.3	86.7	+17,500
5	Low life expectancy	1.70	78.4	83.5	+17,500
6	High migration	1.70	80.9	85.1	+26,000
7	Low migration	1.70	80.9	85.1	+9,000
Combination variants					
8	High population	1.90	83.3	86.7	+26,000
9	Low population	1.50	78.4	83.5	+9,000
Special case scenario					
10	Zero migration	1.70	80.9	85.1	0

Actual and projected total population, Scotland, under the 2010-based principal and selected variant projections, 1981-2085



What's next?

2010-based:

- Council and NHS Board area
 - February 2012
- National Park and Strategic Development Plan areas
 - Summer 2012

For more information and data concerning the projections please contact:

NRS Statistics Customer Services

email: customer@gro-scotland.gov.uk

Tel: 0131 314 4299

Or look at ‘Population Projections Scotland’ section of the NRS website.

Thank you.

Any questions

