

## 1.2 Purpose Targets

### Economic Growth

# Sustainable Development: A Review of Progress by the Scottish Government (2009)

## Annexe One: Scottish Government Indicator and Target Data

### 1.1 Introduction

#### KEY

↑ - Positive trend

↔ - No change or mixed trend

↓ - Negative trend

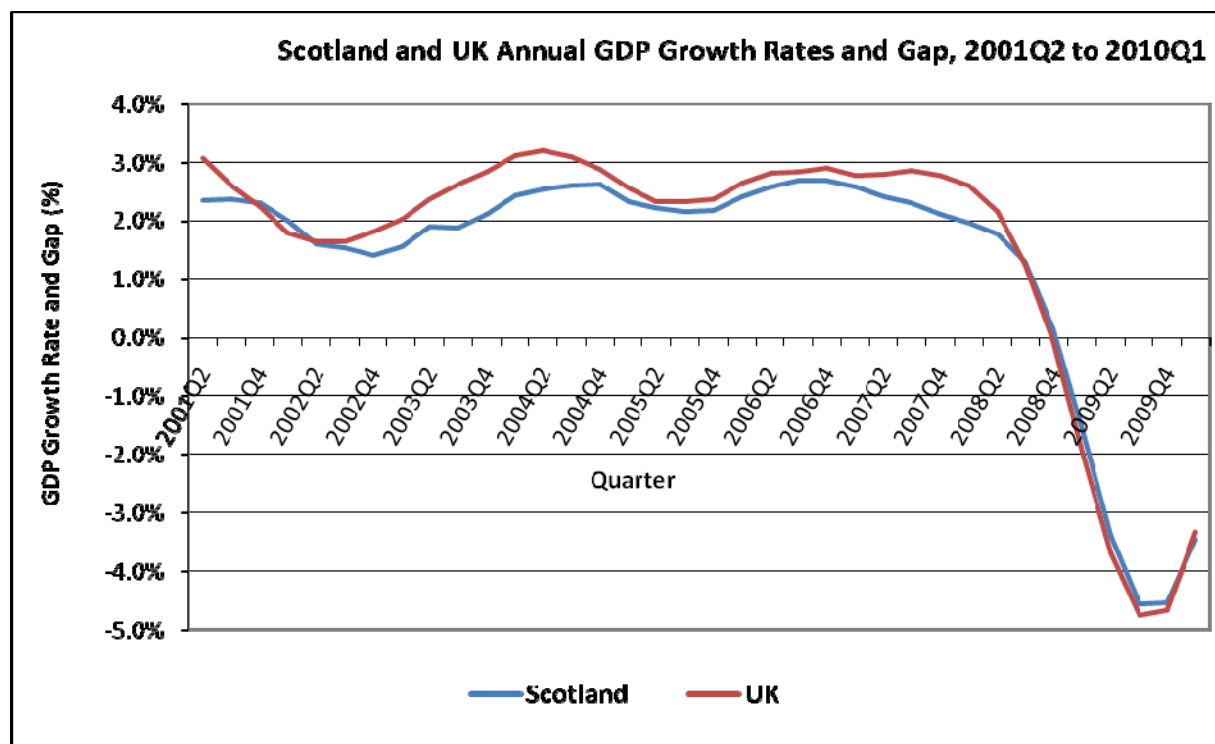
? - No data

## 1.2 Purpose Targets

### Economic Growth



To raise the growth rate to the UK level by 2011



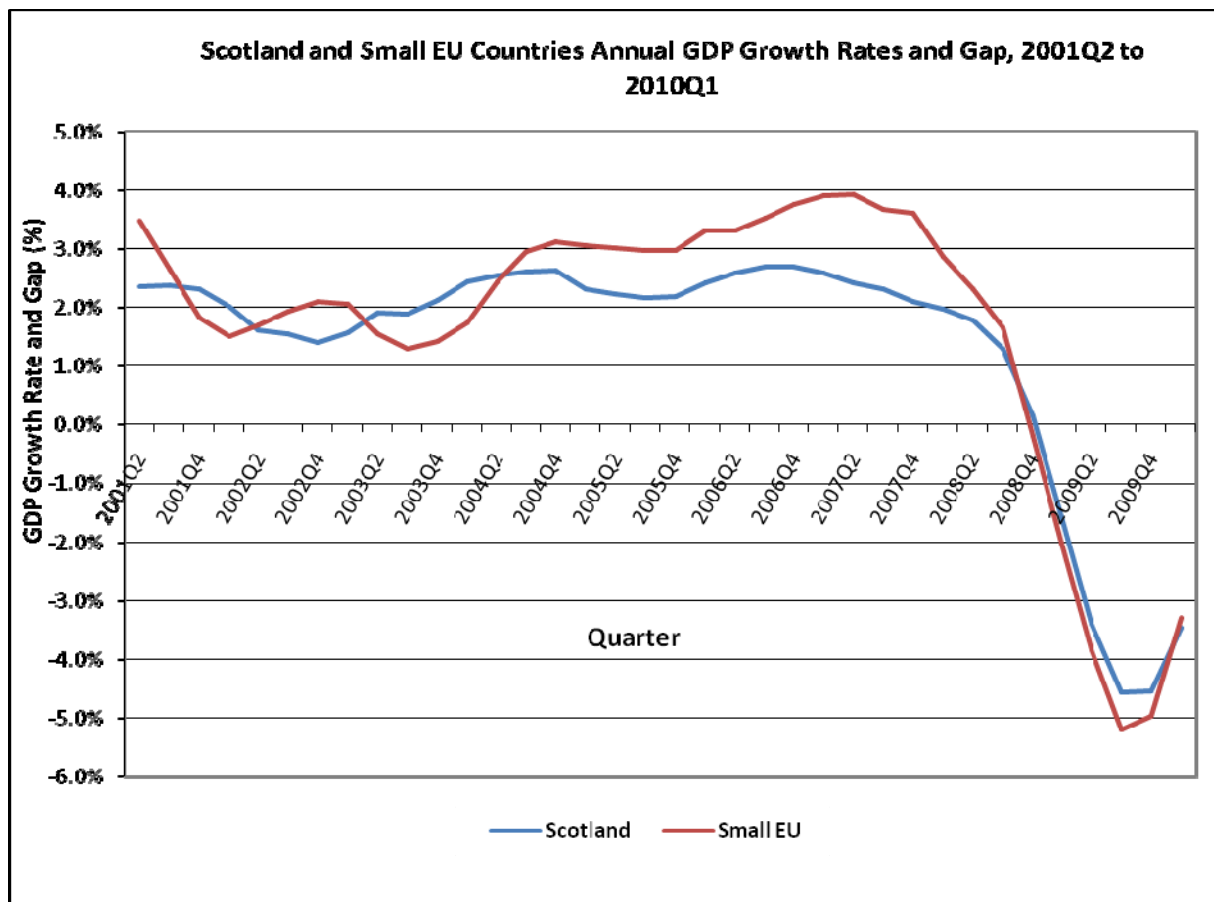
Source: Scottish Government, ONS

## 1.2 Purpose Targets

### Economic Growth



To match the GDP growth rate of the small independent EU countries by 2017



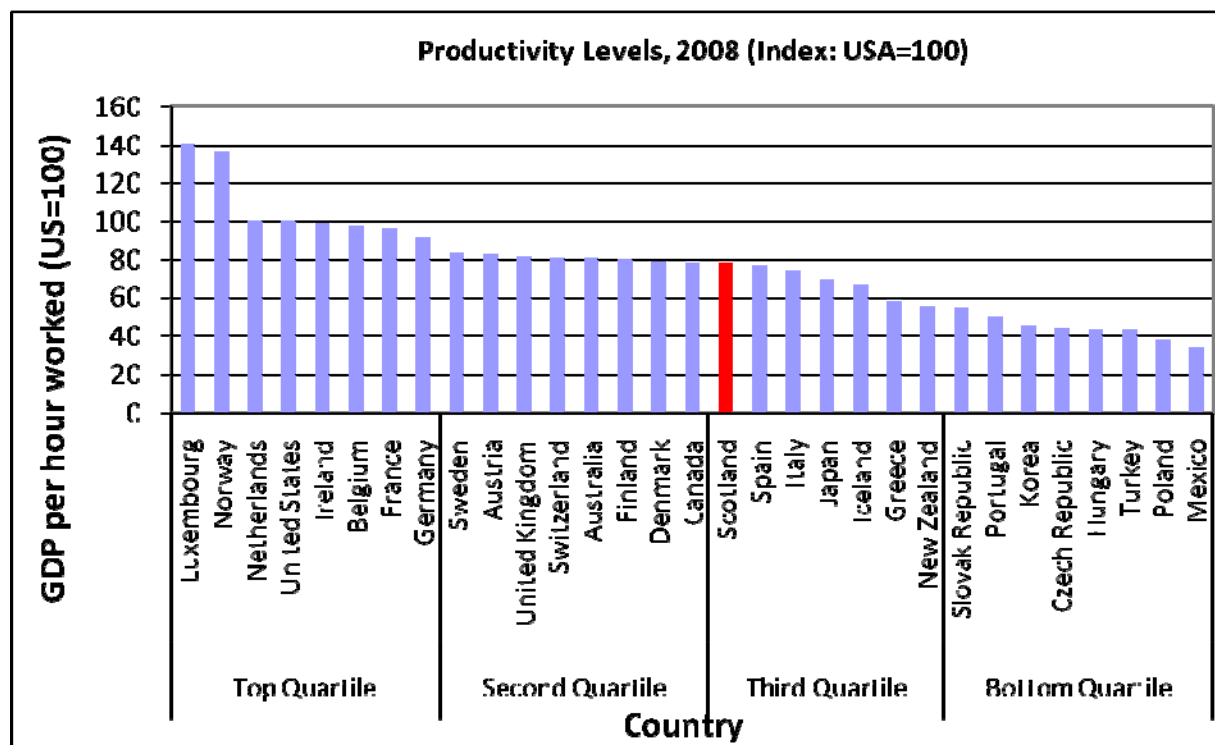
Source: Scottish Government, OECD

Updated from last year - Added 2009 Q3 and 2010 Q4

## 1.2 Purpose Targets

### Productivity

↔ To rank in the top quartile for productivity against our key trading partners in the OECD by 2017



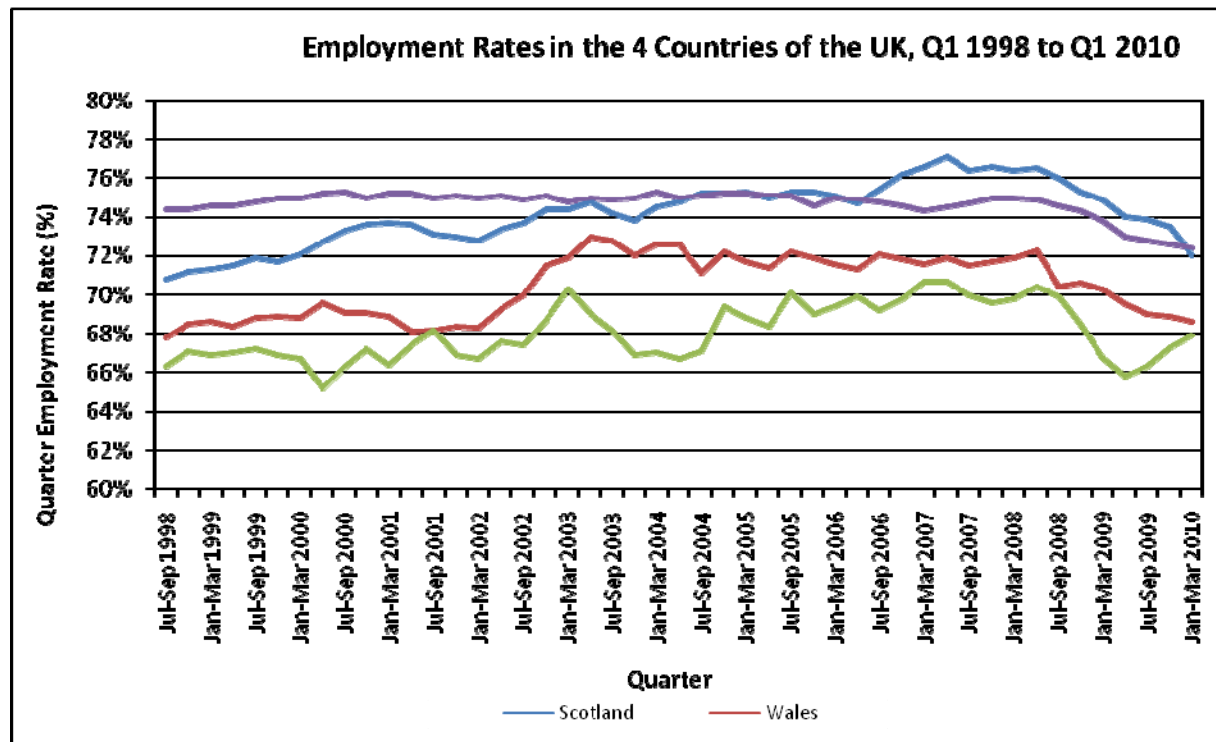
Source: Organisation for Economic Co-operation and Development, Office for National Statistics

## 1.2 Purpose Targets

### Participation



To maintain our position on labour market participation as the top performing country in the



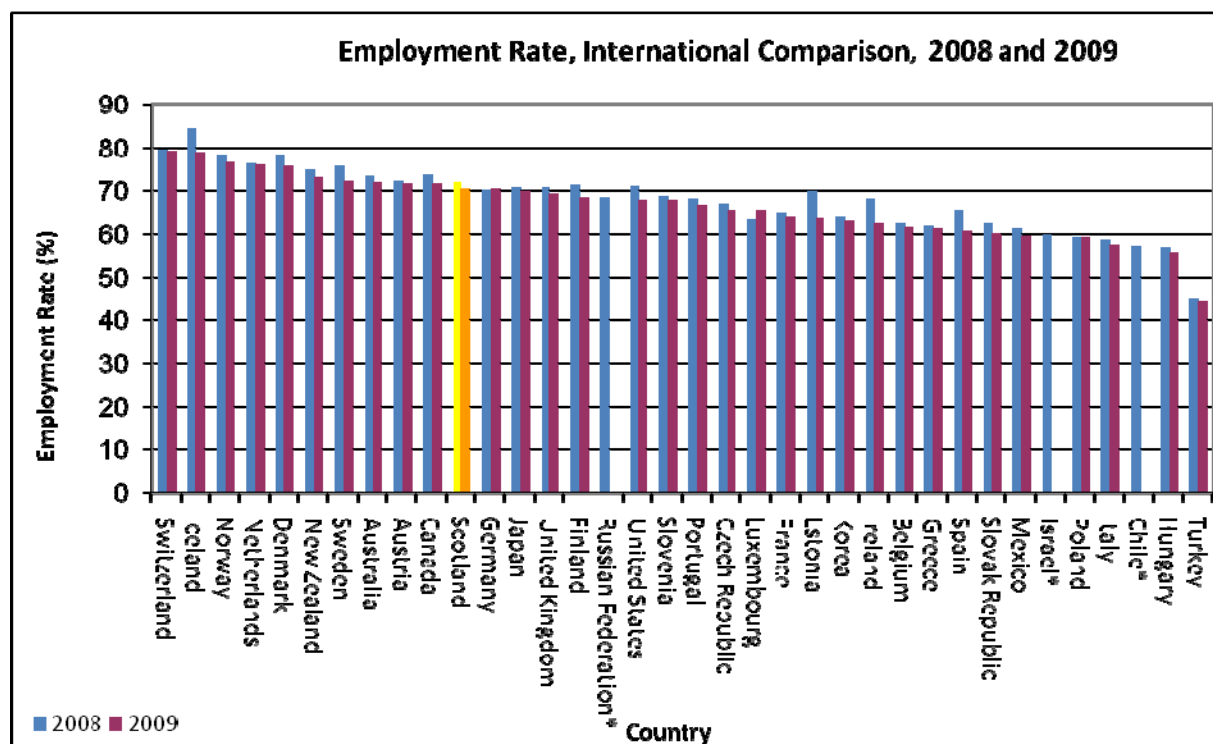
Source: Labour Force Survey, Seasonally Adjusted data, Office for National Statistics

## 1.2 Purpose Targets

### Participation



To close the gap with the top five OECD economies by 2017



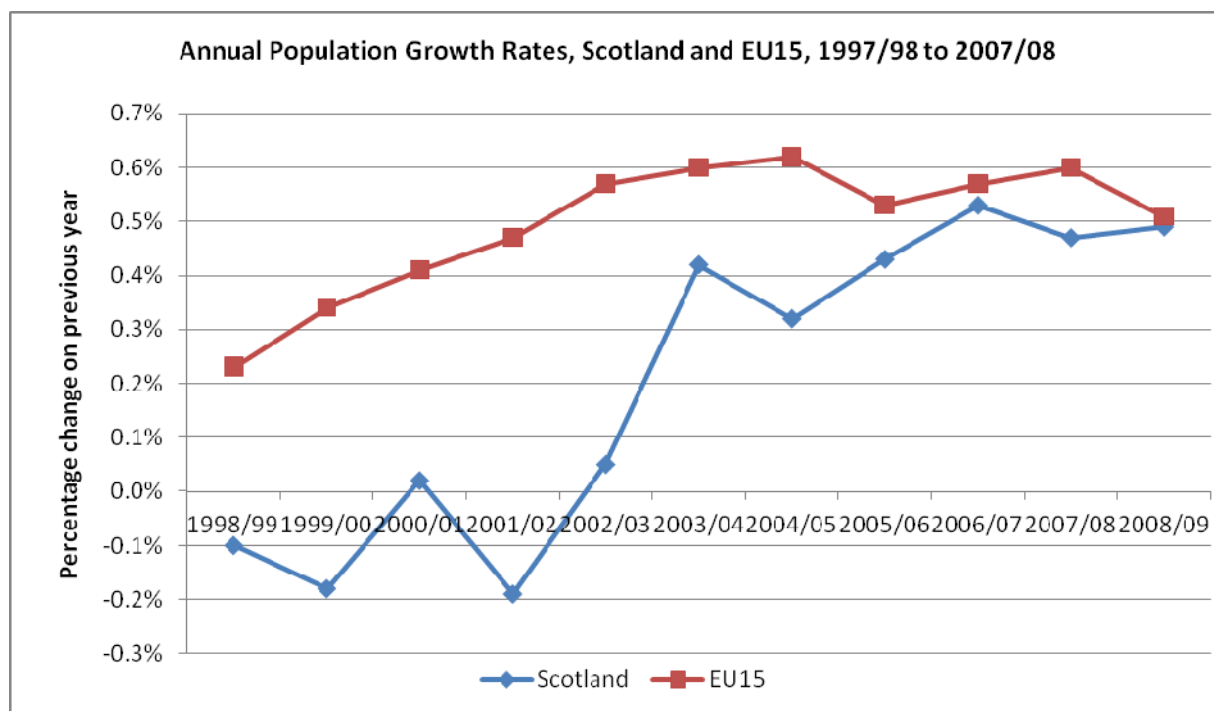
Source: Organisation for Economic Co-operation and Development, Annual Population Survey

## 1.2 Purpose Targets

### Population



To match average European (EU15) population growth over the period from 2007 to 2017

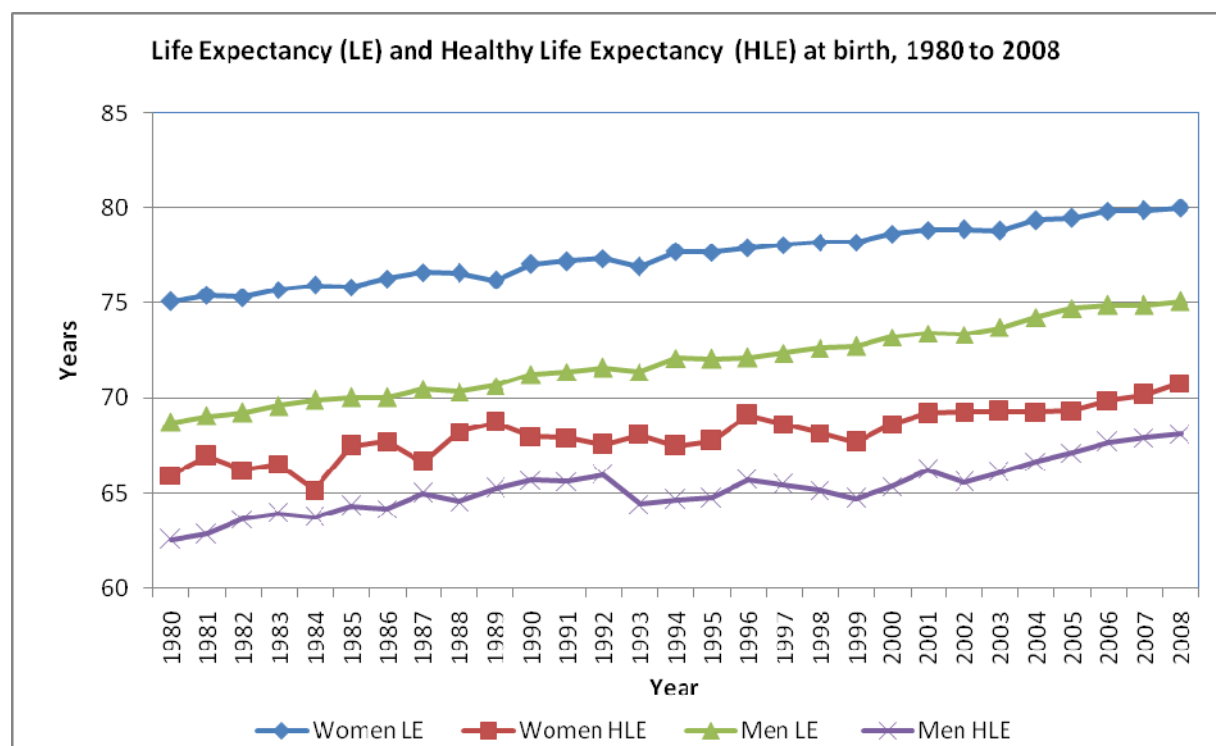


Source: Eurostat, and General Register Office for Scotland

## 1.2 Purpose Targets

### Population

↔ Supported by increased healthy life expectancy in Scotland over the period from 2007 to 2017



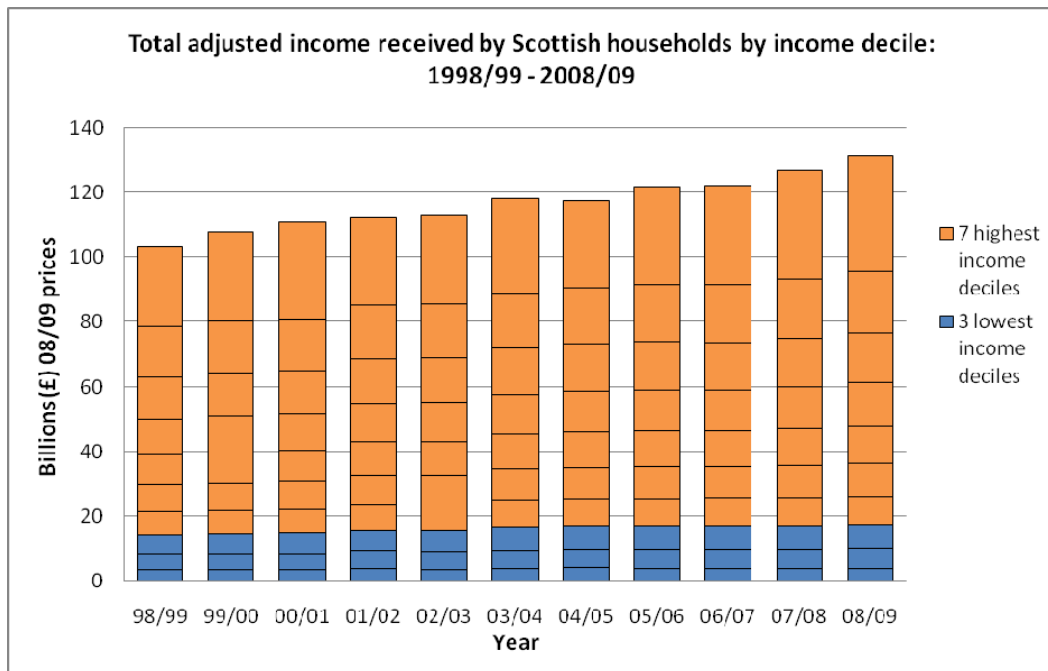
Source: Information Services Division Scotland



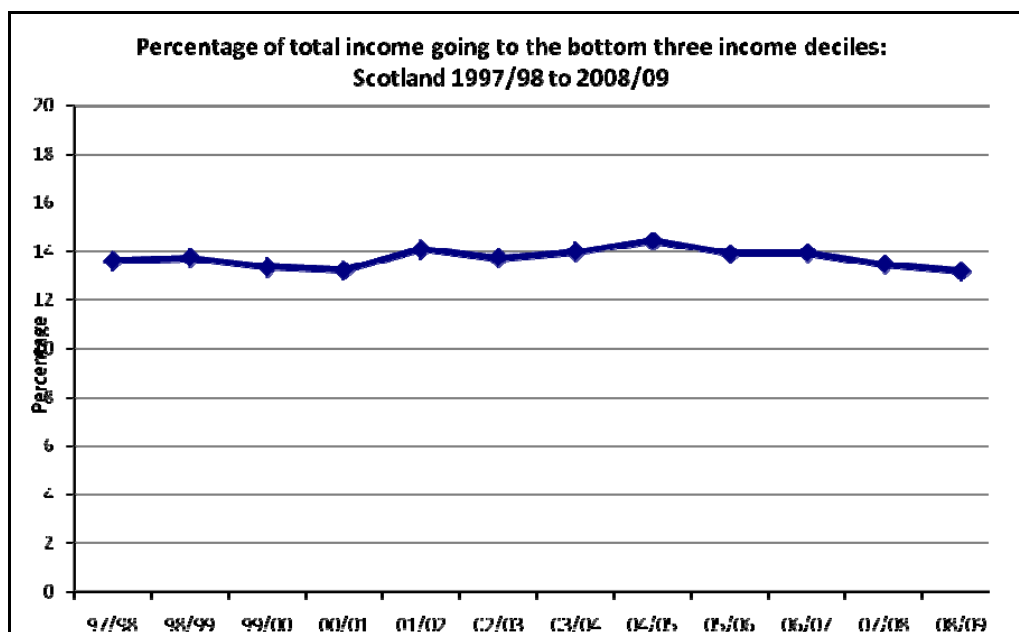
## 1.2 Purpose Targets

### Solidarity

↔ To increase overall income and the proportion of income earned by the three lowest income deciles as a group by 2017



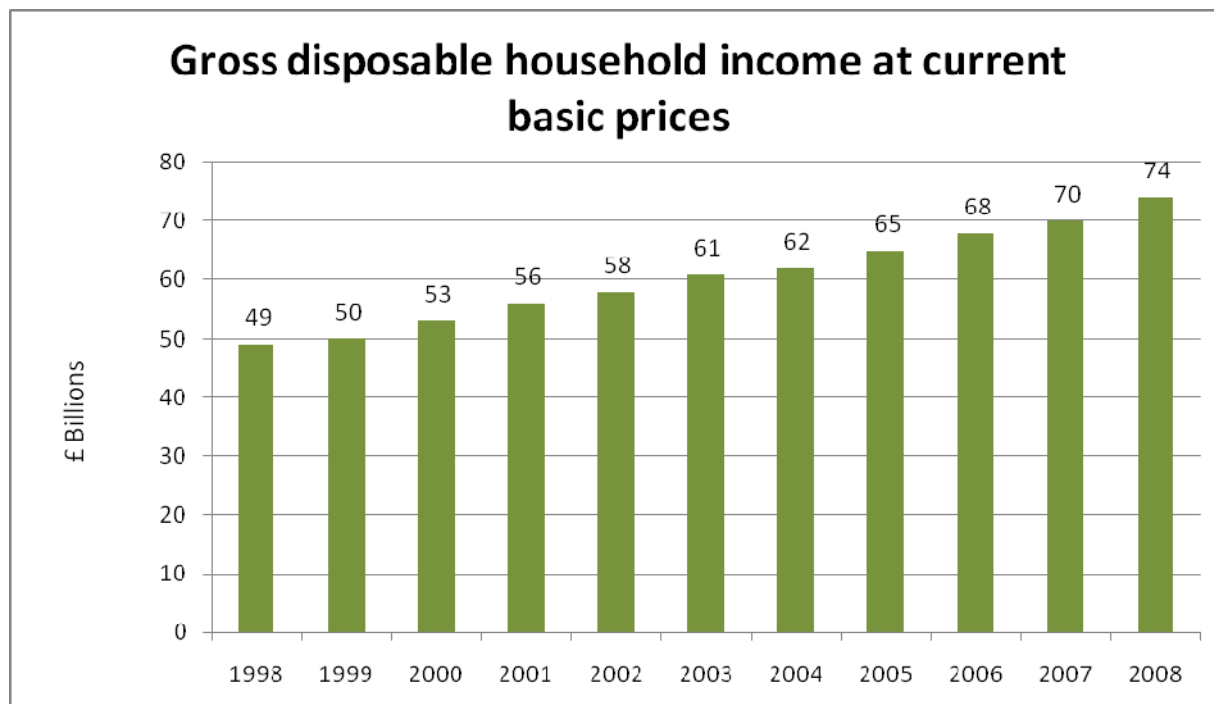
Source: Department for Work and Pension's Family Resources Survey, Households Below Average Income datasets



Source: Department for Work and Pension's Family Resources Survey, Households Below Average Income datasets

## 1.2 Purpose Targets

### Solidarity

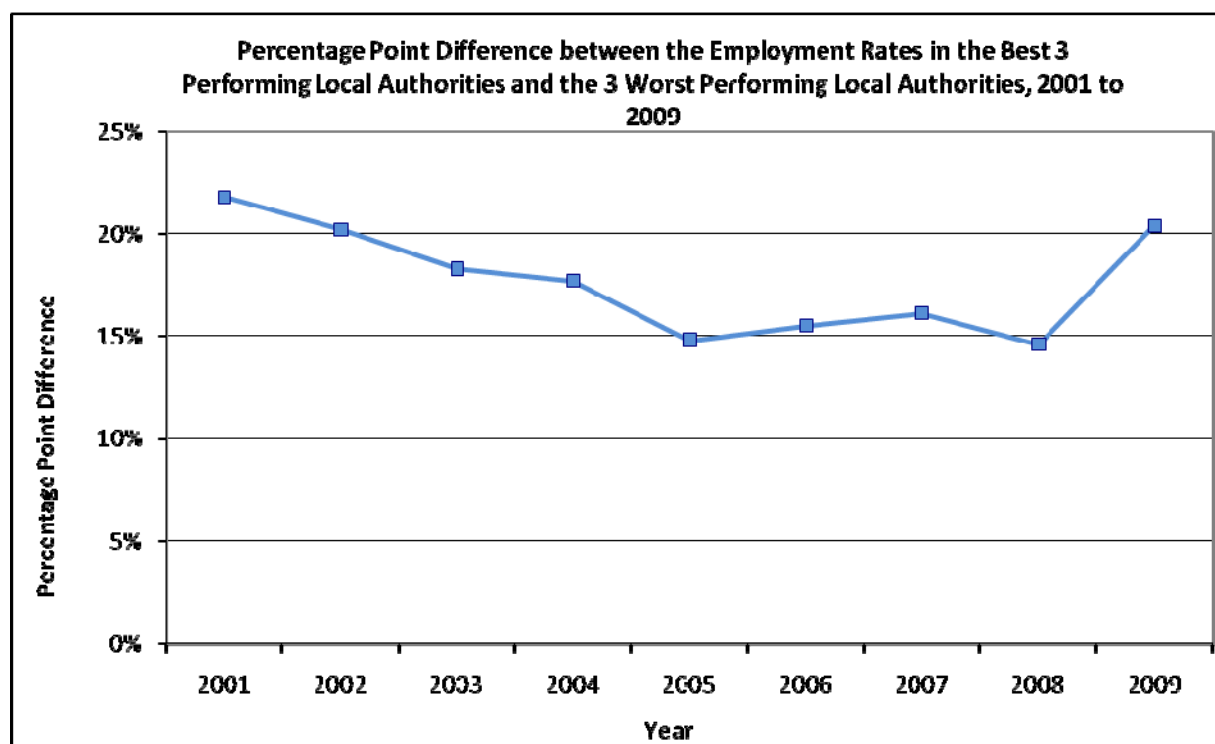


Source: ONS Gross Disposable Household Income

## 1.2 Purpose Targets

### Cohesion

↓  
2017 To narrow the gap in participation between Scotland's best and worst performing regions by



**Source:** 2001-2003 data is taken from the Annual Labour Force Survey. Data from 2004 onwards is taken from the Annual Population Survey. The data for 2004 onwards is based on the calendar year whereas data prior to this is based on seasonal years (Mar-Feb) so there is a discontinuity in the series.

## 1.2 Purpose Targets

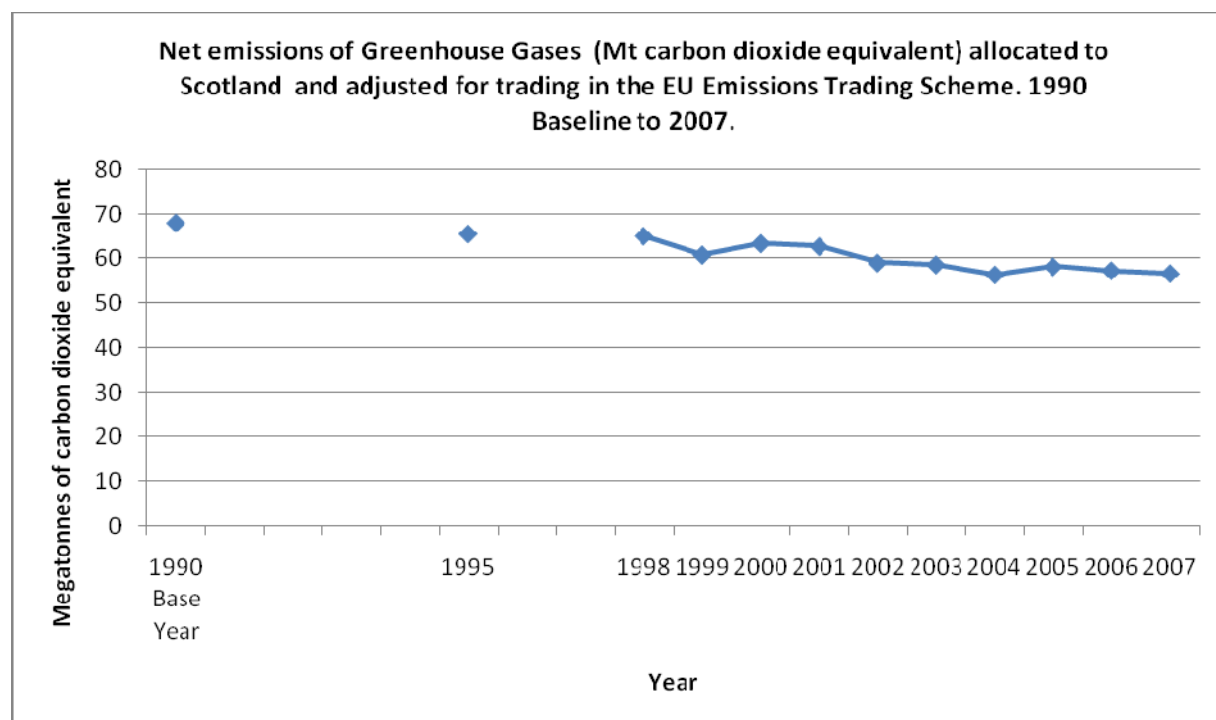
### Sustainability



To reduce emissions over the period to 2011



To reduce emissions by 80 percent by 2050

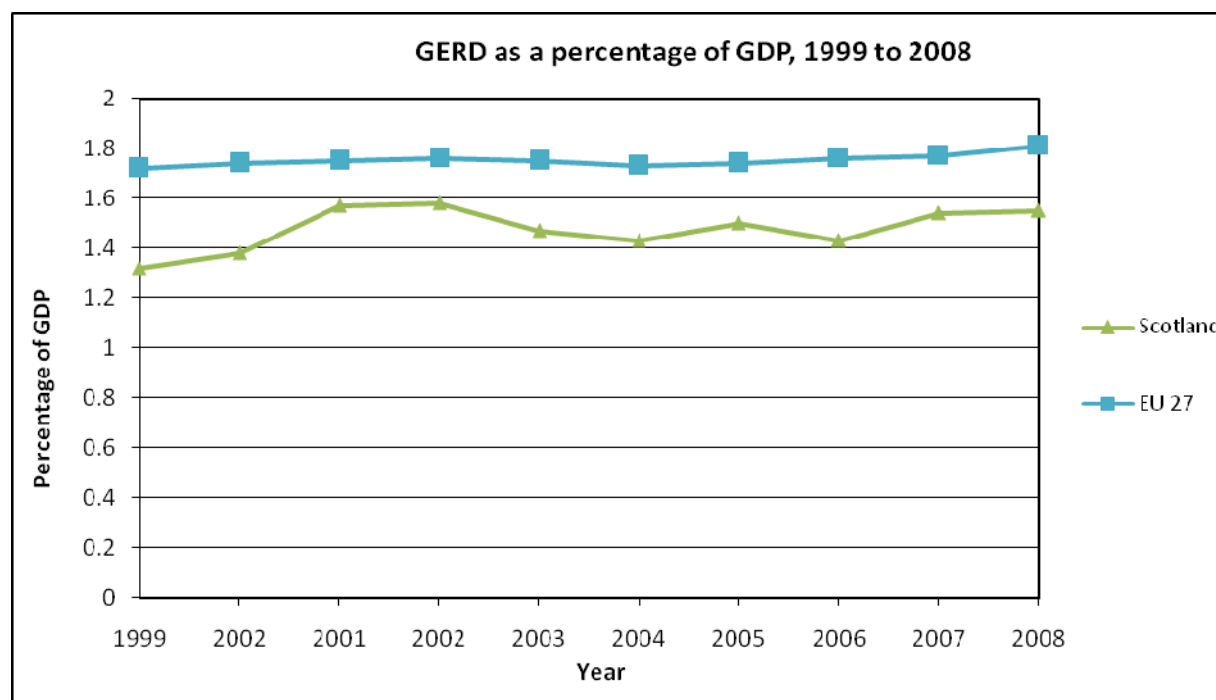


Source: AEA Energy and Environment

Note: Base year is 1990 for CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O and 1995 for the F-gases

### 1.3 National Indicators and Targets

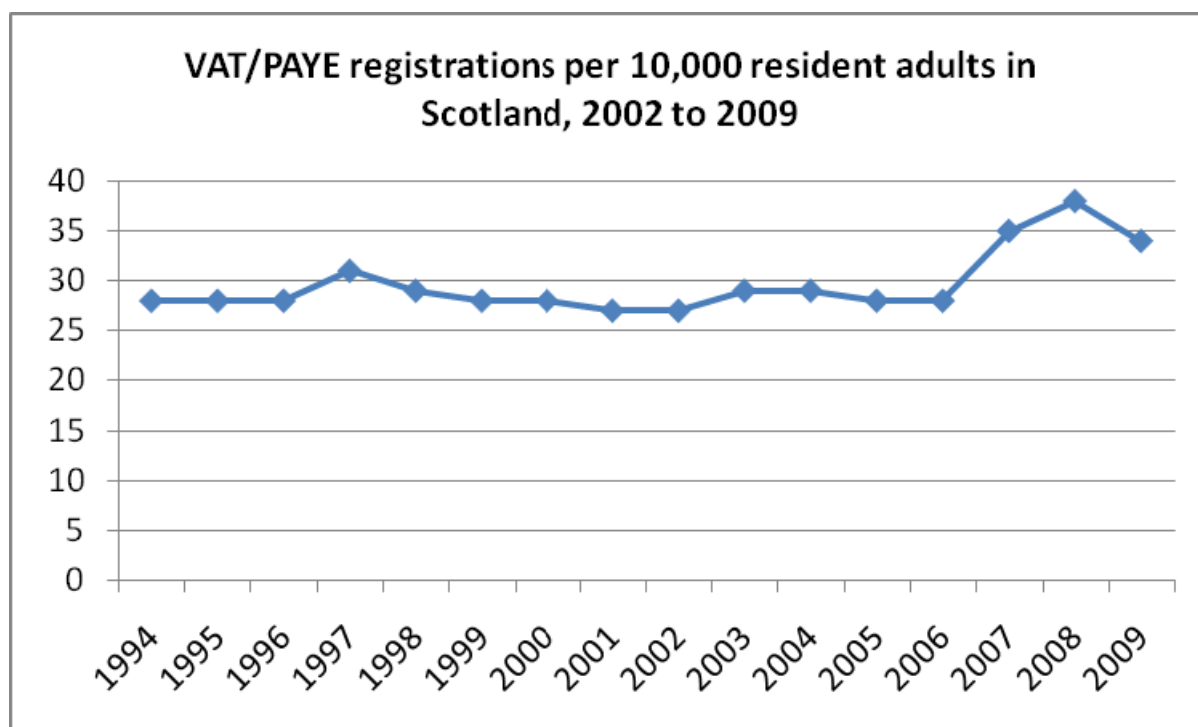
↓ At least halve the gap in total research and development spending compared with EU average by 2011



Source: Scottish Government, Organisation for Economic Cooperation and Development

### 1.3 National Indicators and Targets

↓ Increase the business start-up rate

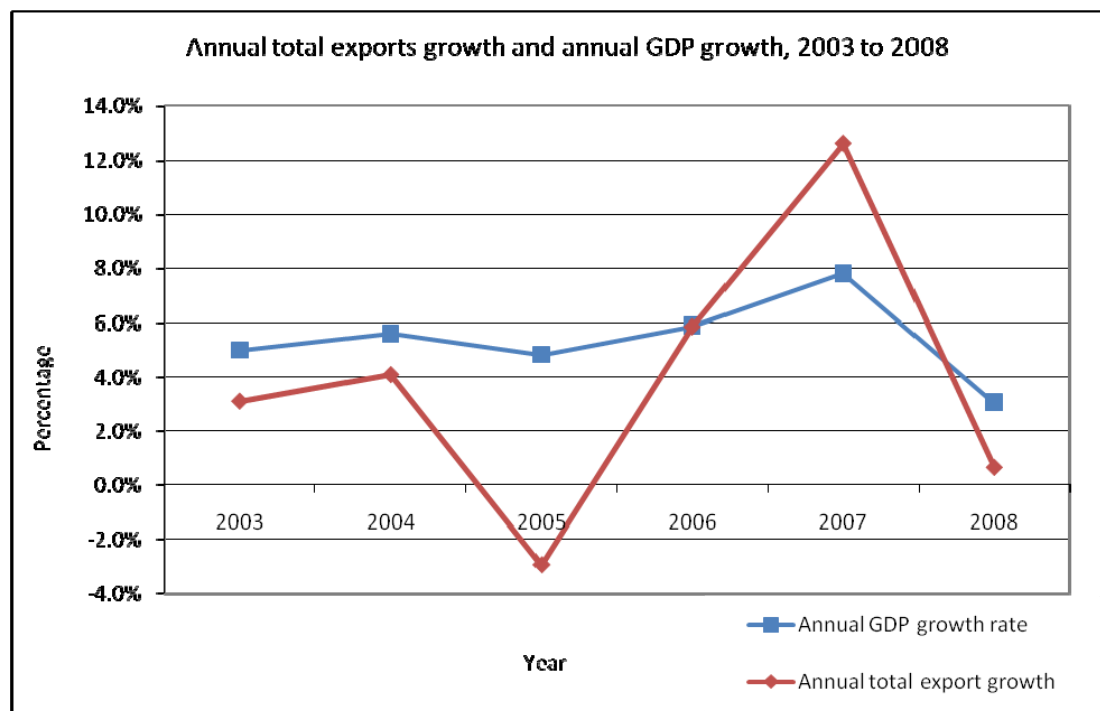


Source: Department for Business, Enterprise and Regulatory Reform

### 1.3 National Indicators and Targets

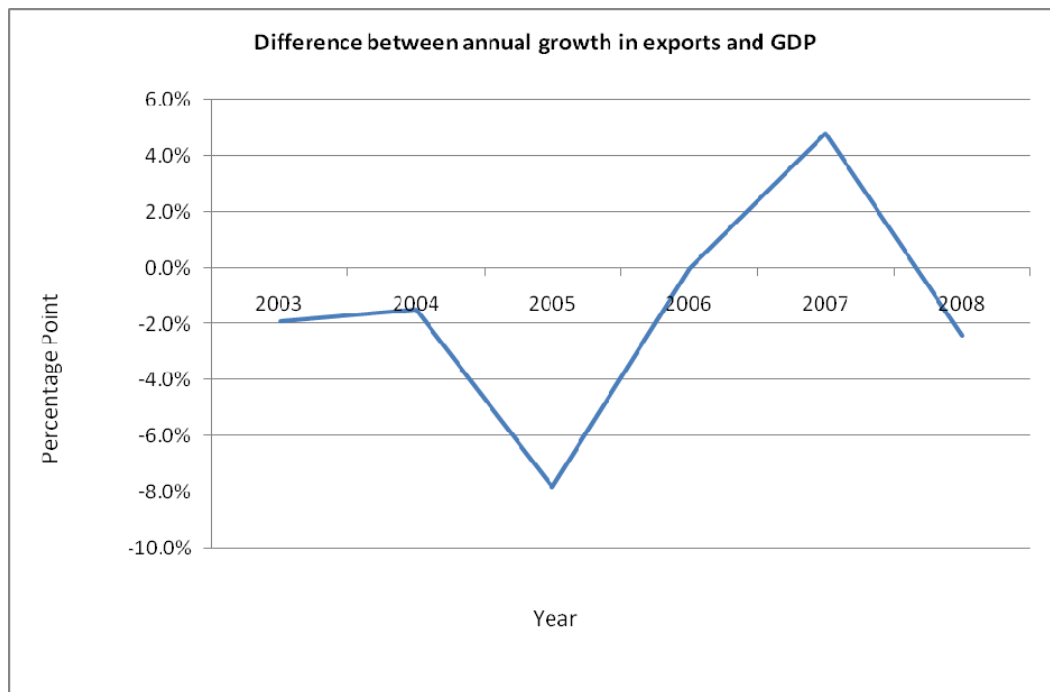


**Grow exports at a faster average rate than GDP**



**Source:** Scottish Government, Office for National Statistics (ONS), Global Connections Survey

### 1.3 National Indicators and Targets



**Source:** Scottish Government, Office for National Statistics (ONS), Global Connections Survey

#### ↑ **Improve public sector efficiency through the generation of 2% cash releasing efficiency savings per annum**

No data

A baseline has been established using the 2007/08 DEL budget and therefore cash-saving targets have been set of £534 million in 2008/09, £1,068 million in 2009/10 and £1,603 million in 2010/11.

In 2008-09 efficiency savings of £839m were made against the target of £534m. This represents 3.1% of the 2007-08 DEL baseline compared to the target level of 2%.

Further details can be found in the full Efficiency Outturn Report 08-09 published on the Scottish Government website.

#### ↑ **Improve people's perceptions of the quality of public services delivered**

A number of new questions on perceptions of council performance, satisfaction with individual council services and other public services were introduced in the Scottish Household Survey (SHS) in 2007. This is the second year that we have this data on local public services. The data shows an increase of 4.7



## 1.3 National Indicators and Targets

percentage points from 57.1% in 2007 to 61.8% of adults in 2008 being satisfied with local health services, local schools and public transport. This information will be updated annually and will provide time series data from 2007 onwards.

### **Reduce the number of Scottish public bodies by 25% by 2011**

The number of national public bodies has fallen from the baseline position of 199 to 155 (including the Sentencing Council which is on the baseline list but is not yet operational).

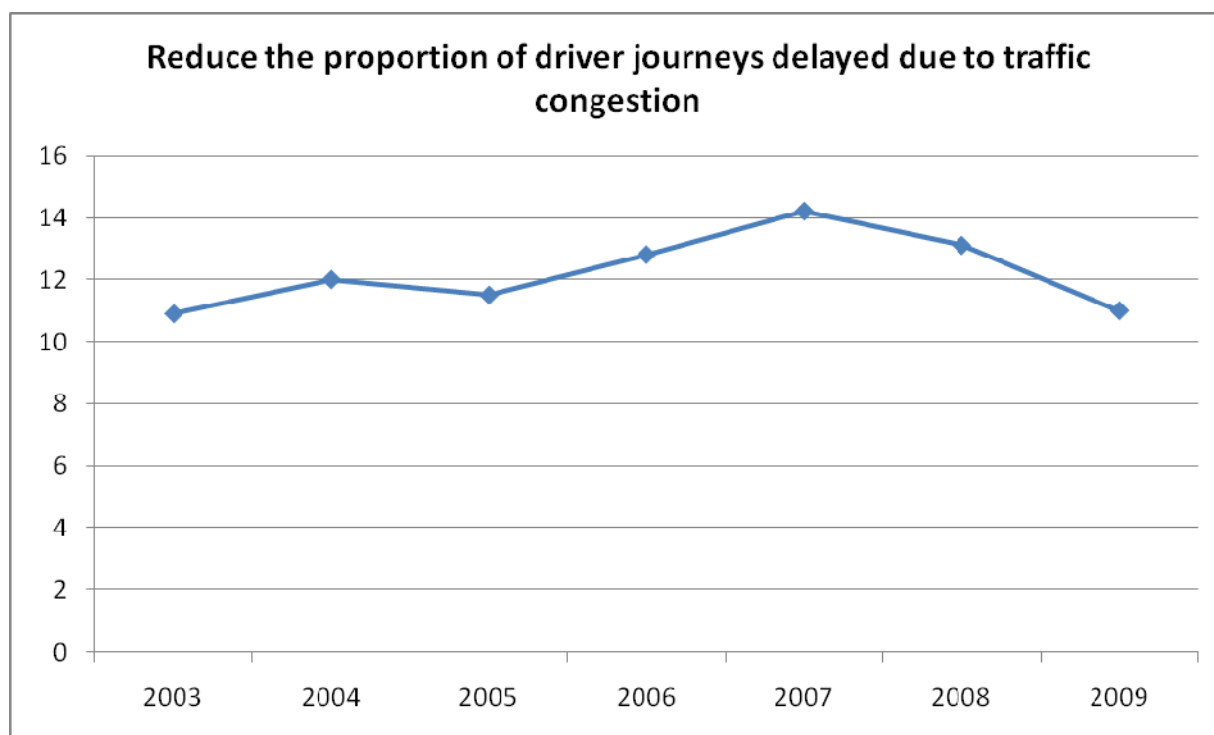
This includes:

1. A reduction of **19** public bodies as a direct result of the Simplification Programme
2. The reduction of **26** Justice of the Peace Advisory Committees, taken forward by the previous Administration, but which did not come into effect until December 2007
3. The establishment of **1** body - 'Creative Scotland' following the merger of the Scottish Arts Council and Scottish Screen.

## 1.3 National Indicators and Targets



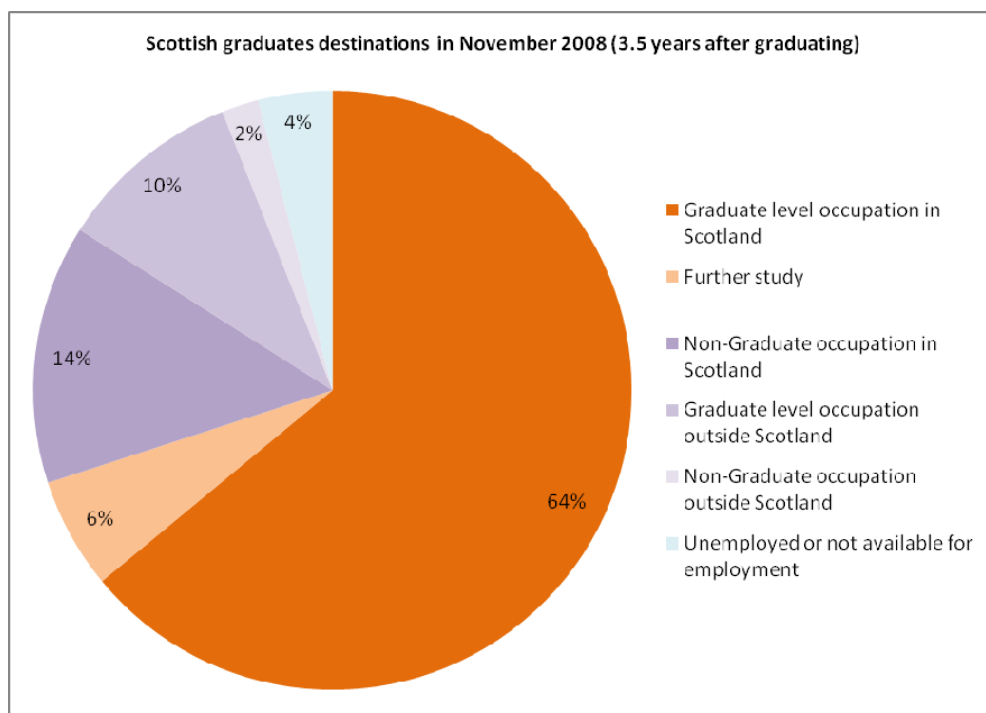
### Reduce the proportion of driver journeys delayed due to traffic congestion



**Source:** Scottish Household Survey Travel Diary

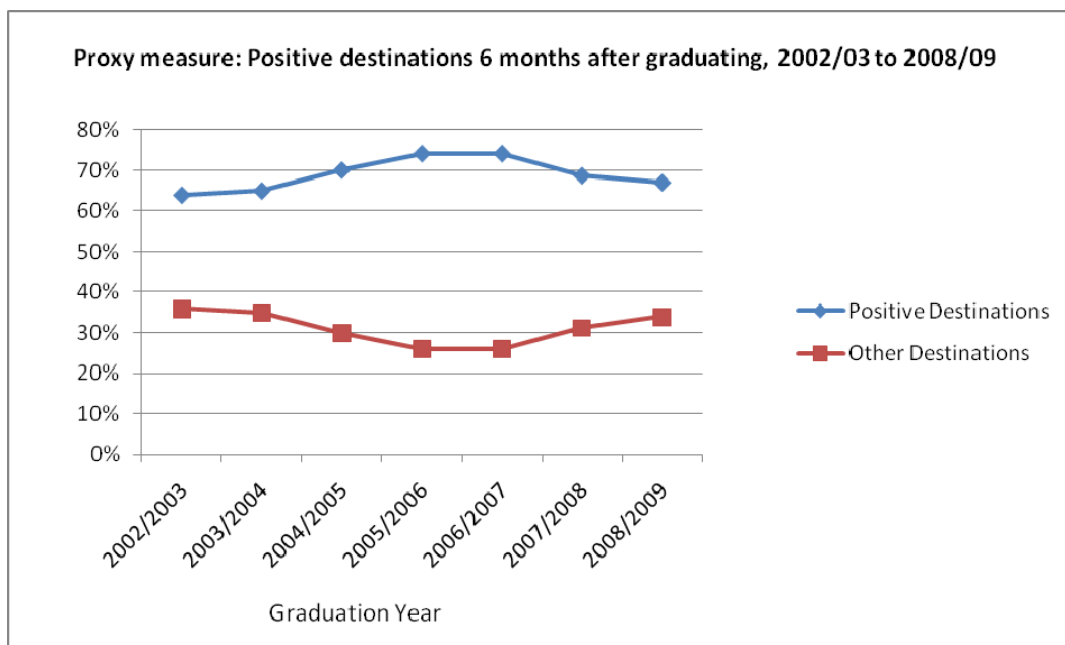
## 1.3 National Indicators and Targets

↔ **Increase the percentage of Scottish domiciled graduates from Scottish Higher Education Institutions in positive destinations**



**Source:** Destination of Leavers from Higher Education Longitudinal Survey 2007, Higher Education Statistics Agency (HESA)

### 1.3 National Indicators and Targets



**Source:** Destination of Leavers from Higher Education Institutions, *Higher Education Statistics Agency (HESA)*

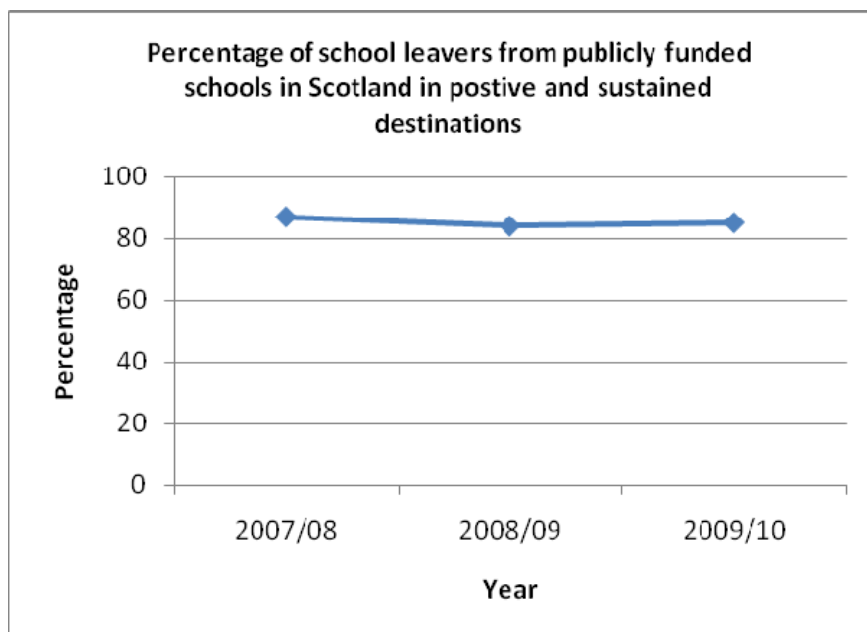


**Improve knowledge transfer from research activity in universities**

No data

## 1.3 National Indicators and Targets

↑ Increase the proportion of school leavers (from Scottish publicly funded schools) in positive and sustained destinations (FE, HE, employment or training)



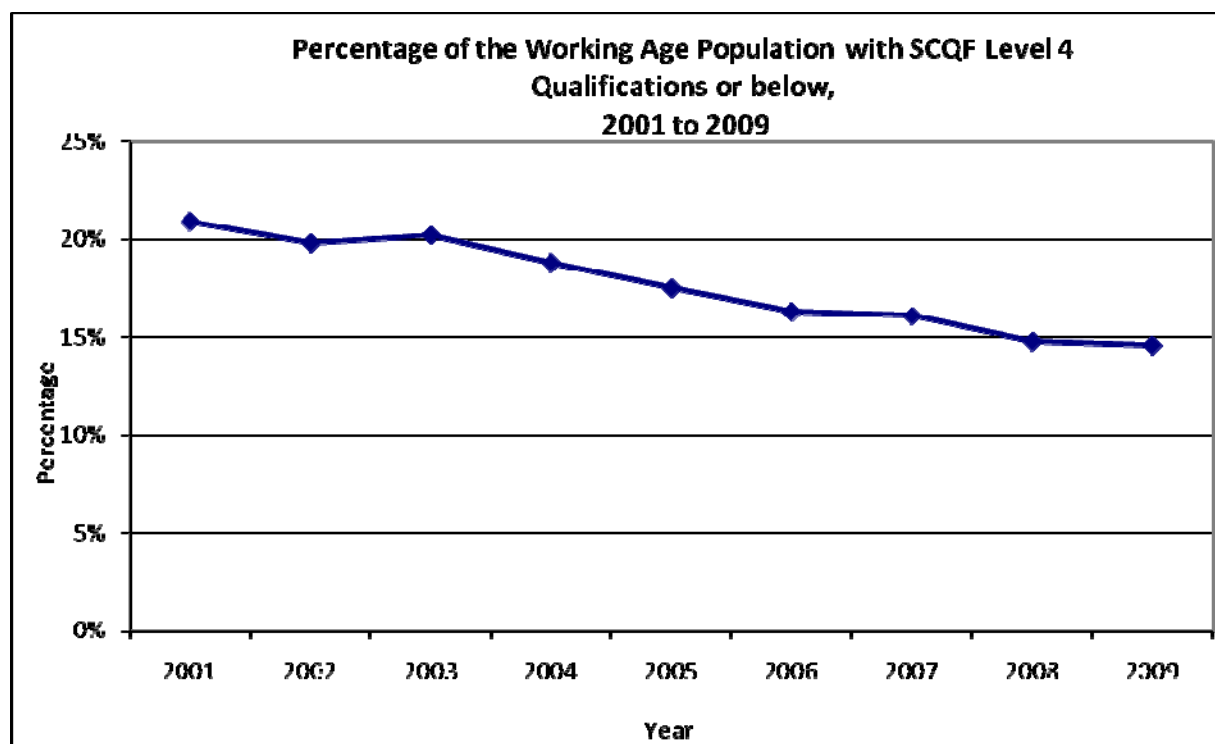
Source: Destination of Leavers from Scottish Schools

? Increase the proportion of pre-school centres receiving positive inspection reports

No data

## 1.3 National Indicators and Targets

↔ Reduce number of working age people with severe literacy and numeracy problems



Source: Annual population survey, Office for National Statistics

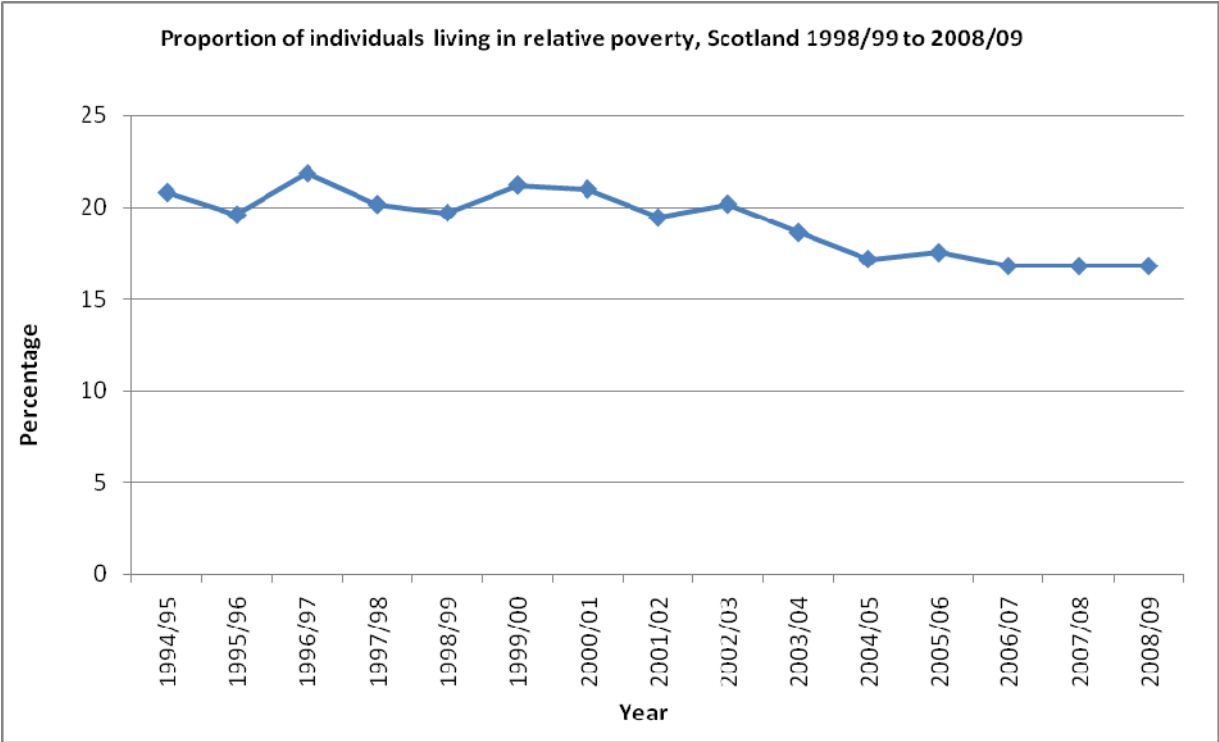
Updated from last year - 2009 data

? **Child protection inspection findings: increase the overall proportion of local authority areas receiving positive inspection reports**

No data

### 1.3 National Indicators and Targets

↔ Decrease the proportion of people living in poverty

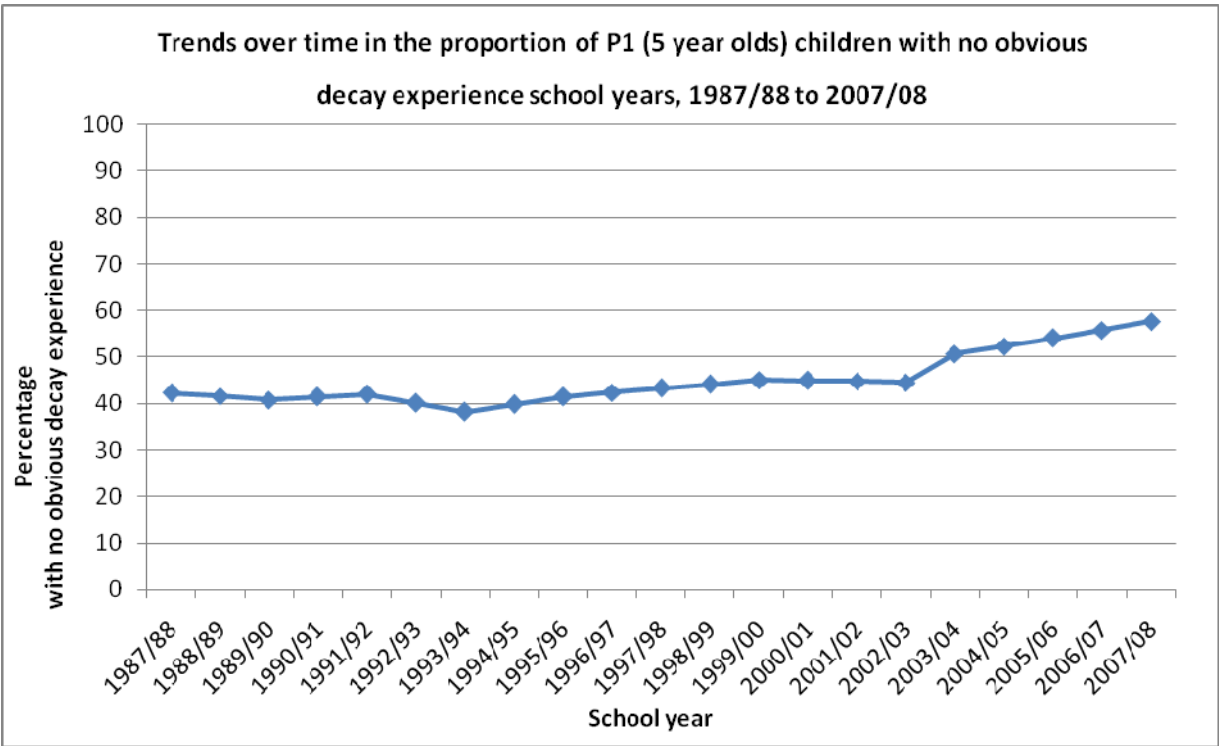


Source: Department for Work and Pensions Family Resources Survey, Households Below Average Income Datasets

### 1.3 National Indicators and Targets



**60% of school children in primary 1 will have no signs of dental disease by 2010**



**Source:** 1987/88-1999/00 SHBDEP (Scottish Health Boards' Dental Epidemiological Programme); 2002/03-2005/06 NDIP (National Dental Inspection Programme)

?

**Improve the quality of healthcare experience**

No data

?

**Increase the proportion of pre-school centres receiving positive inspection reports**

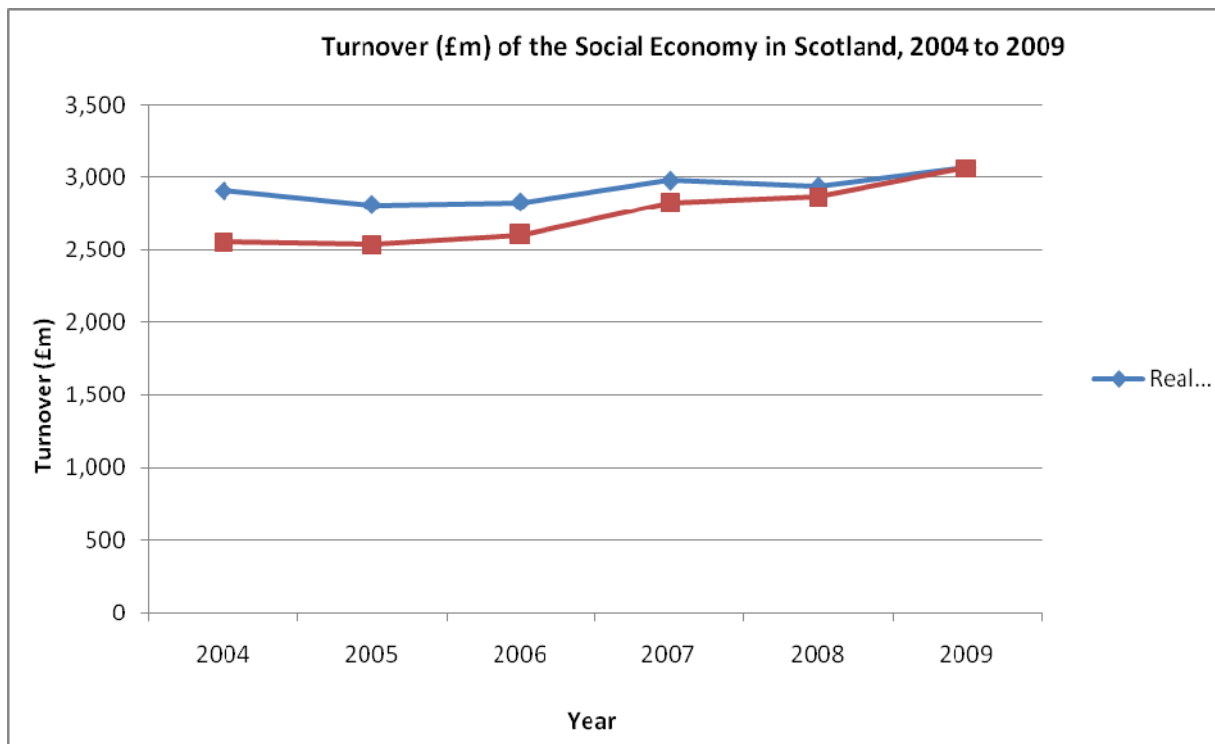
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## 1.3 National Indicators and Targets



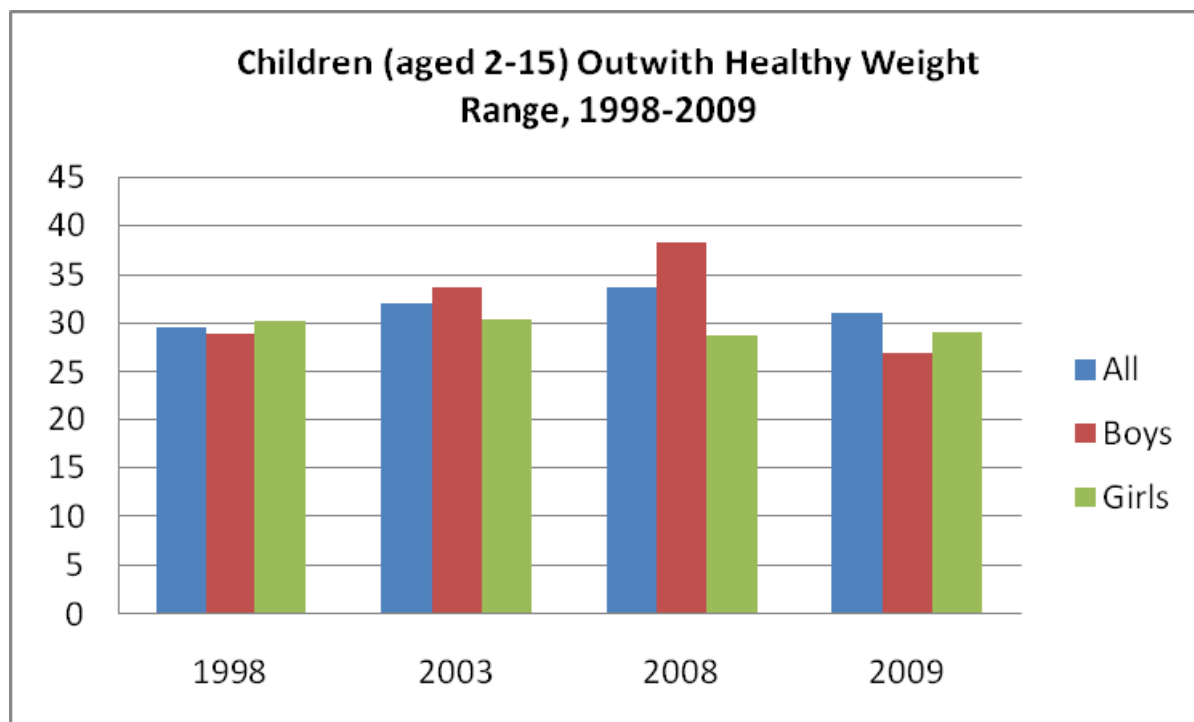
### Increase the social economy turnover



**Source:** Scottish Government, IDBR (ONS), Scottish Register of Social Landlords

### 1.3 National Indicators and Targets

↑ **Reduce the rate of increase in the proportion of children with their Body Mass Index outwith a healthy range by 2018**



Source: Scottish Health Survey

? **Increase the average score of adults on the Warwick- Edinburgh Mental wellbeing scale by 2011**

No data

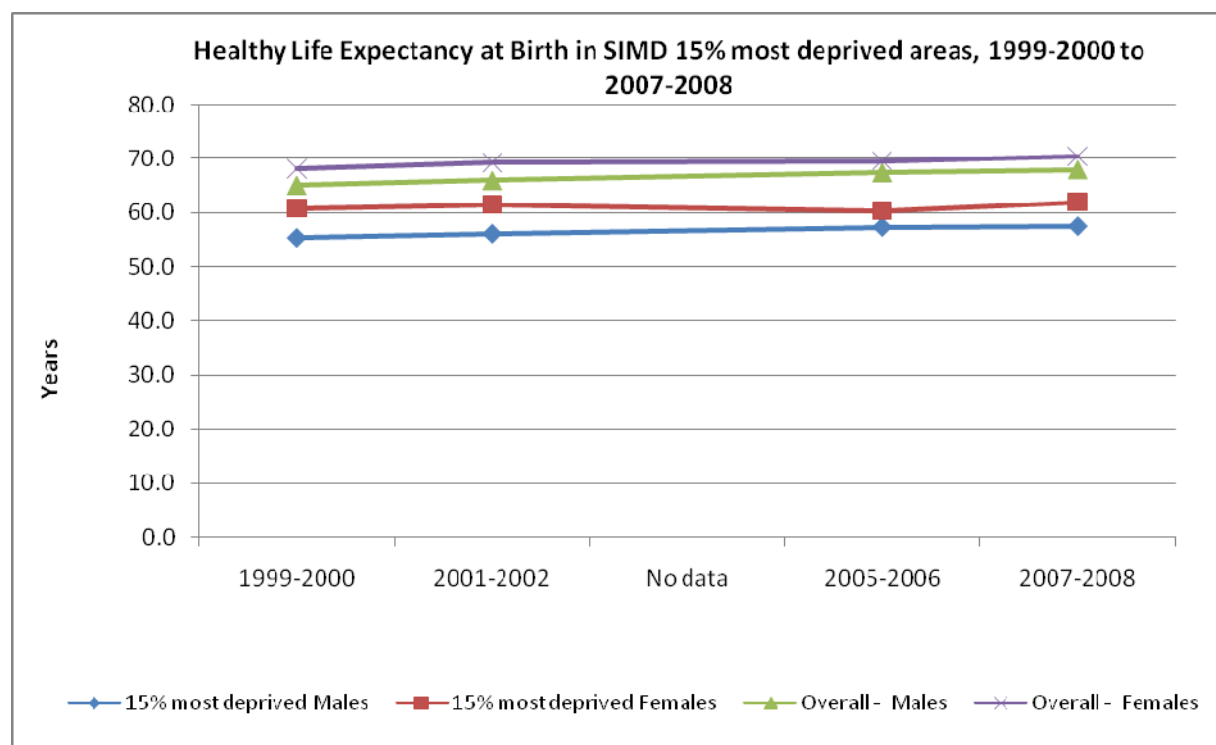
The Warwick-Edinburgh Mental Wellbeing Scale (WEMWBS) asks respondents to read 14 separate statements describing feelings relating to mental wellbeing, and indicate how often they have felt this way over the last two weeks, using a 5 point scale (ranging from none of the time to all of the time). The overall score is calculated by totalling the scores for each item (minimum possible score is 14 and the maximum is 70); the higher a person's score, the better their level of mental wellbeing.

The first survey to publish nationally representative results using WEMWBS was the "Well, What do You Think?" survey on attitudes to mental health, carried out in 2006. The mean score amongst adults was 51. The questionnaire has been included in the Scottish Health Survey from 2008 onwards to allow for future monitoring of trends in mental wellbeing. The mean score in 2008 was 50.

## 1.3 National Indicators and Targets



### Increase healthy life expectancy at birth in the most deprived areas

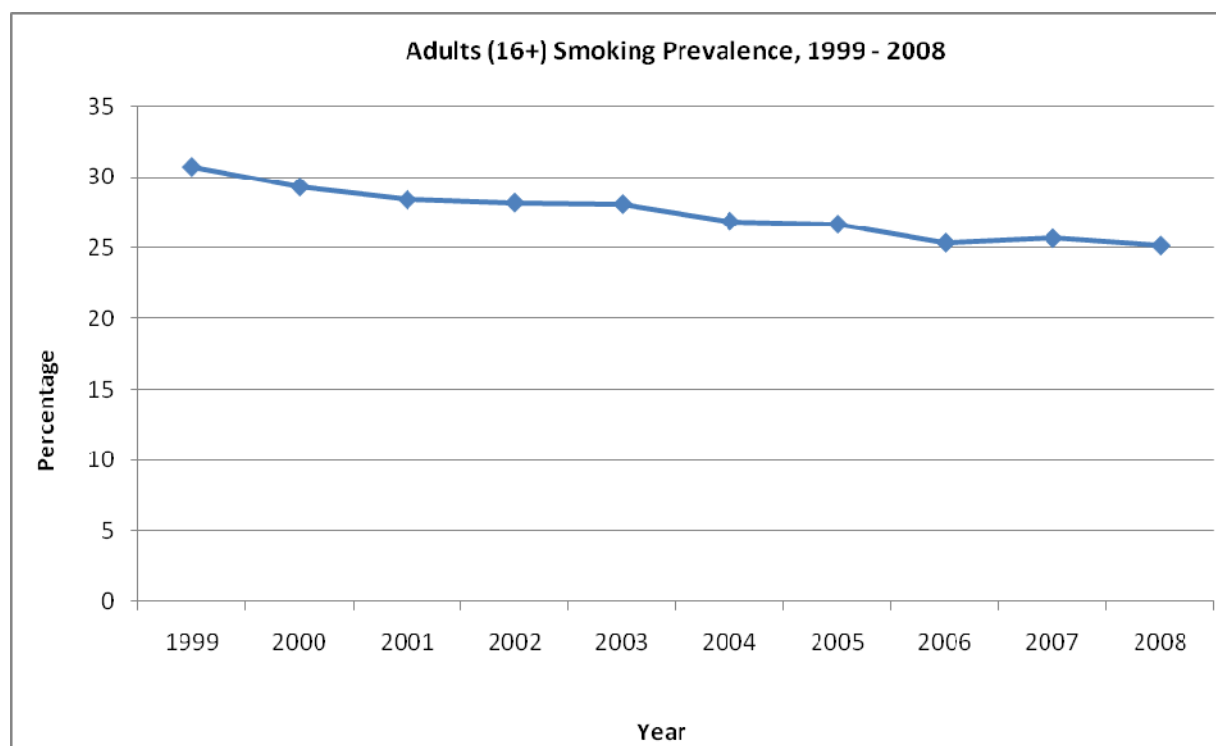


**Source:** NHS Information and Statistics Division, General Register Office Scotland, General Household Survey, Scottish Household Survey and Scottish Government Scottish Index of Multiple Deprivation.

## 1.3 National Indicators and Targets



**Reduce the percentage of the adult population who smoke to 22% by 2012**

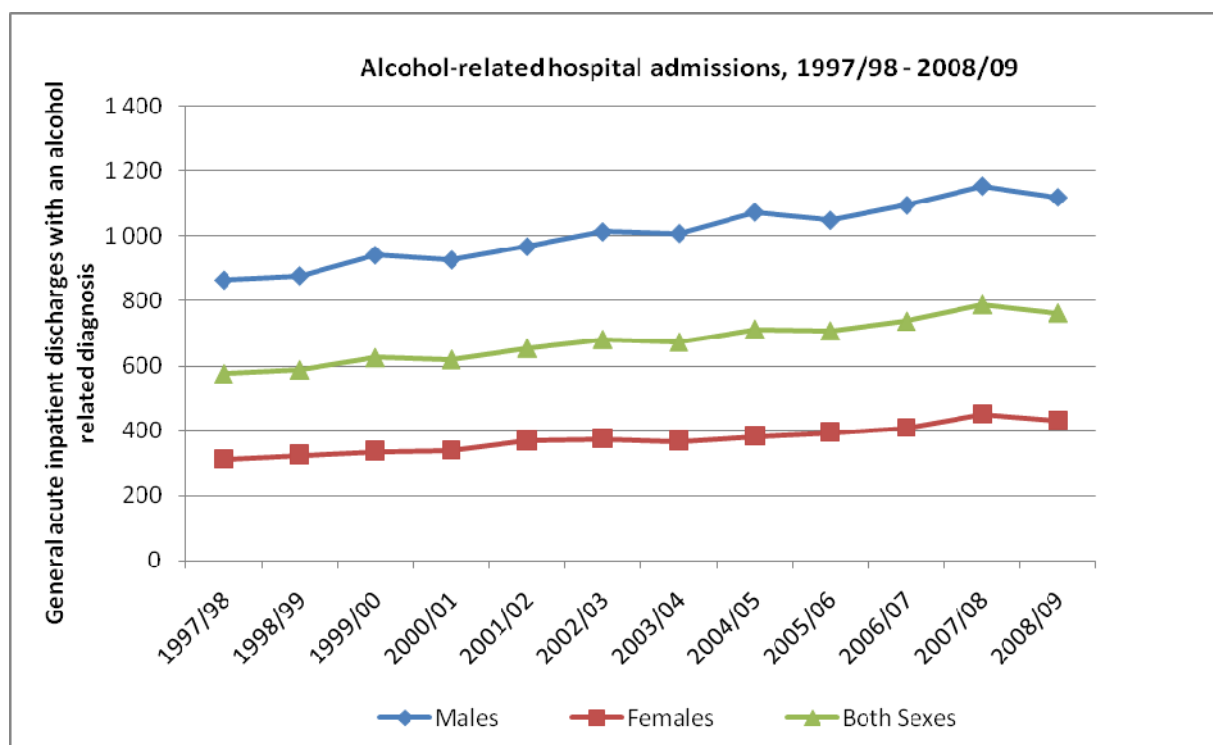


**Source:** Scottish Household Survey

## 1.3 National Indicators and Targets



**Reduce the alcohol related hospital admissions by 2011**



**Source:** NHS Information Services Division (ISD Scotland) (SMR01)

p -provisional

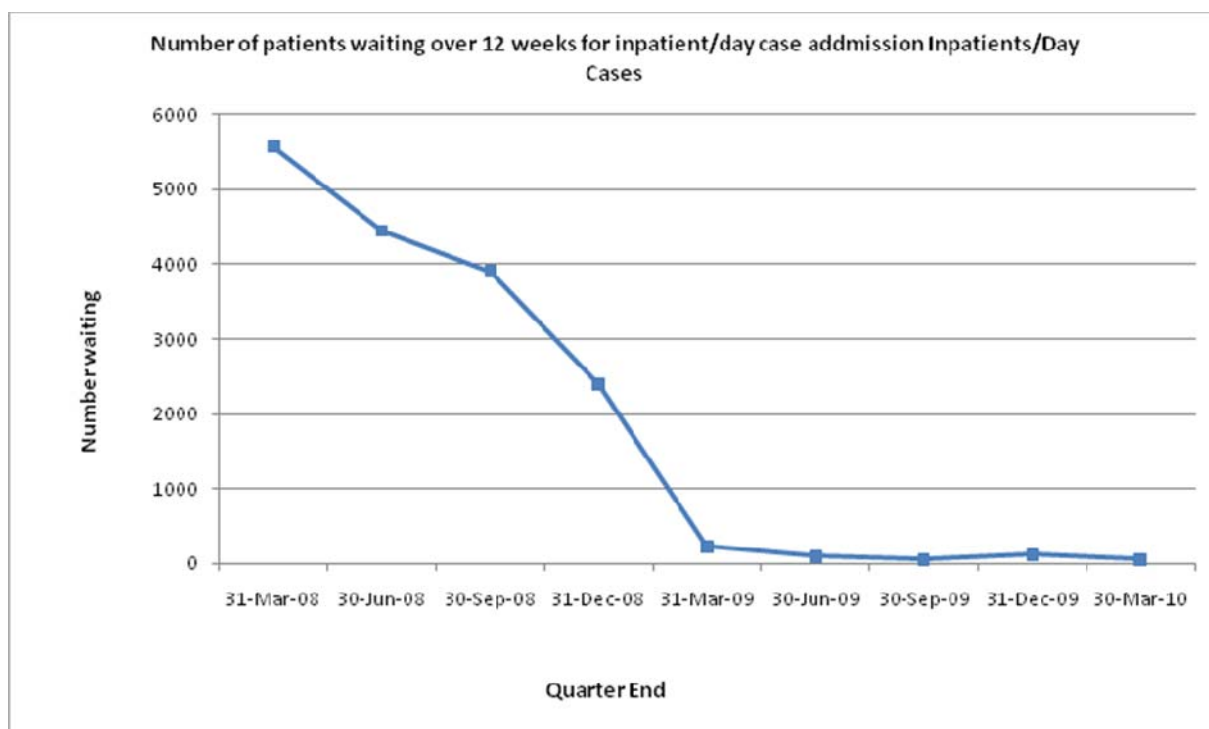
Note: Due to a change in the methodology used to calculate alcohol related hospital admissions, figures for years previous to 2008/09 have been revised. These changes are minor and do not represent any substantial difference to the trend over time.

Note: Figures for 2008/09 are provisional.

## 1.3 National Indicators and Targets



**Achieve annual milestones for reducing inpatient or day case waiting times culminating in the delivery of an 18 week referral to treatment time from December 2011**

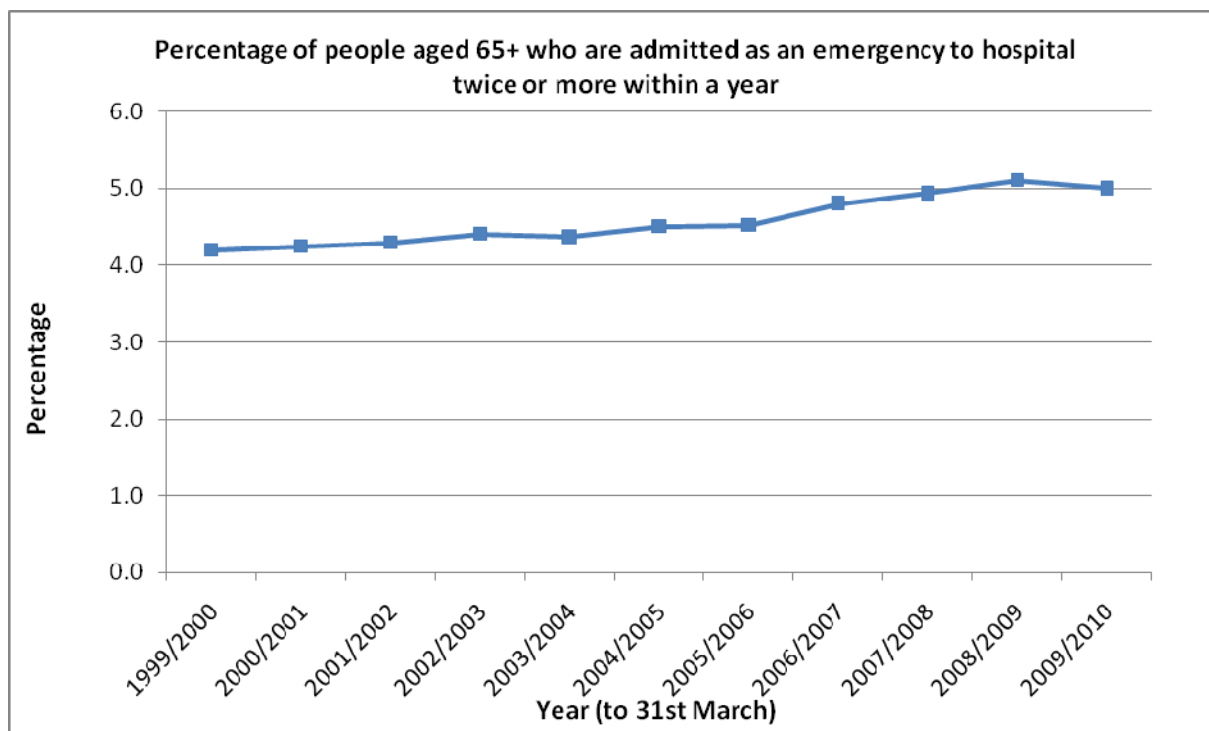


**Source:** ISD Quarterly Outpatient Waiting List Census and SMR3 Census

## 1.3 National Indicators and Targets



**Reduce proportion of population aged 65 and over admitted as emergency inpatients two or more times in a single year**



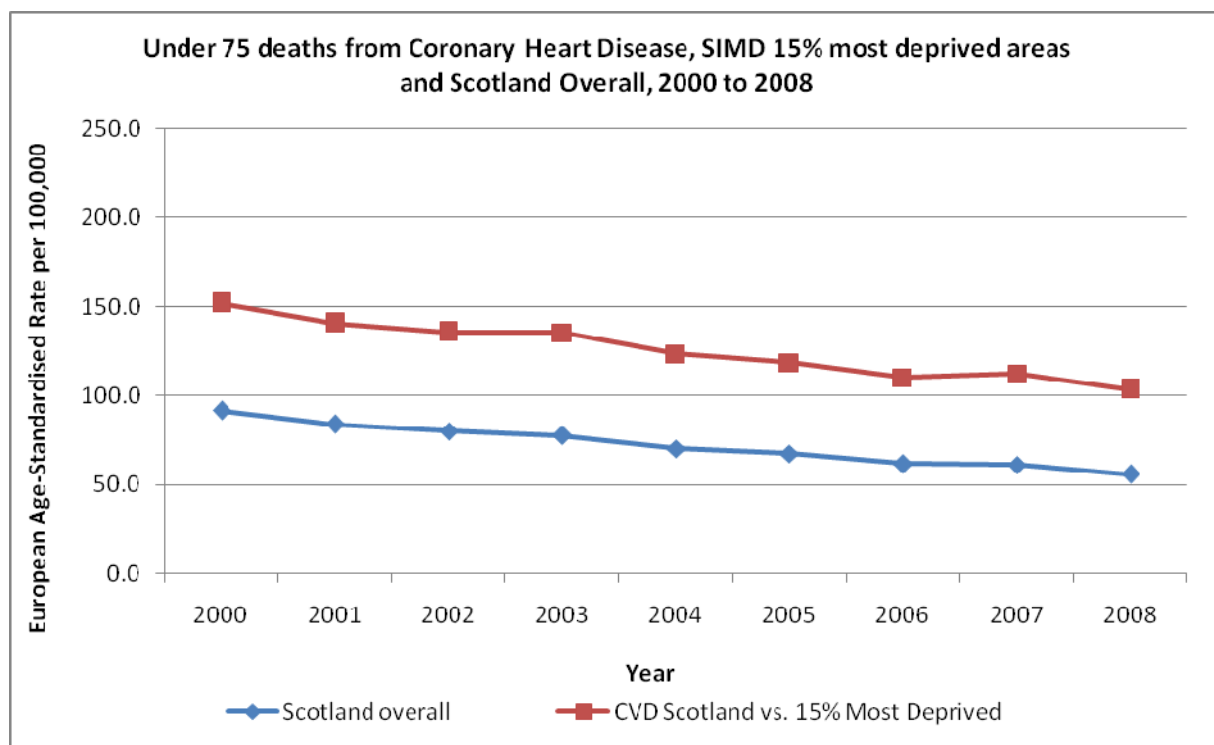
**Source:** ISD linked SMR01 records

Note: This includes all acute hospital admissions but excludes admission to psychiatric and geriatric long stay hospital facilities.

### 1.3 National Indicators and Targets



**Reduce mortality from coronary heart disease among the under 75s in deprived areas**



**Source:** (1) General Register Office for Scotland (GRO(S)); (2) Analytical Services Division - Health (Scottish Government)

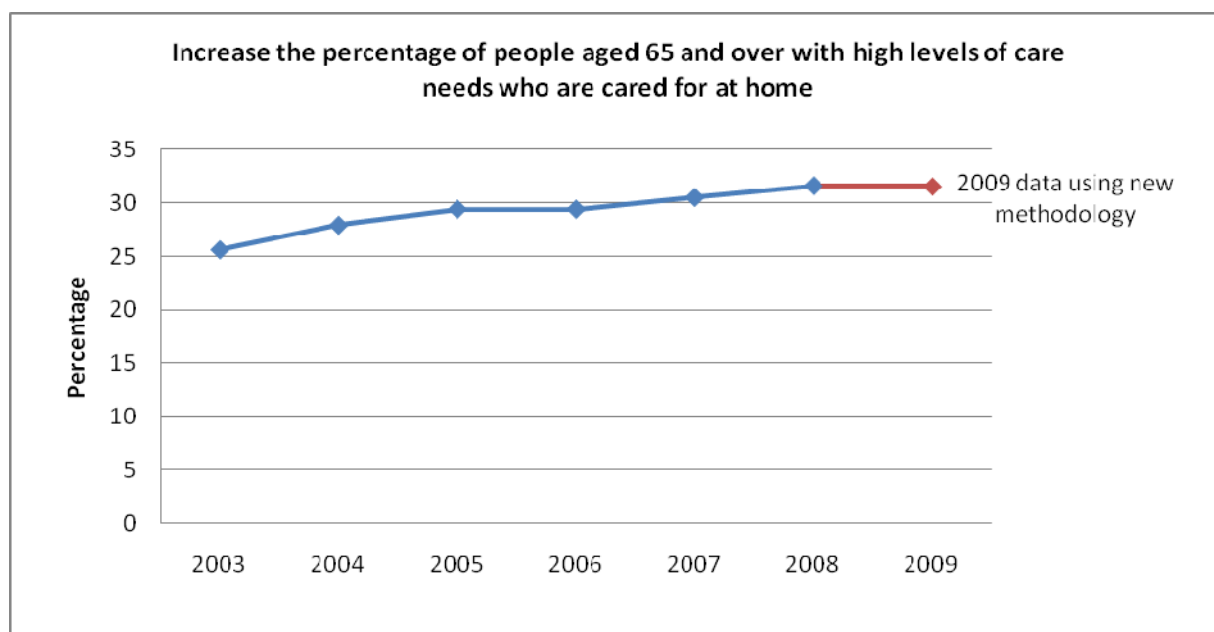
Note: Rates are European Age-Standardised Rates (EASR) per 100,000 population aged under 75 years.



## 1.3 National Indicators and Targets



**Increase the percentage of people aged 65 and over with high levels of care needs who are cared for at home**

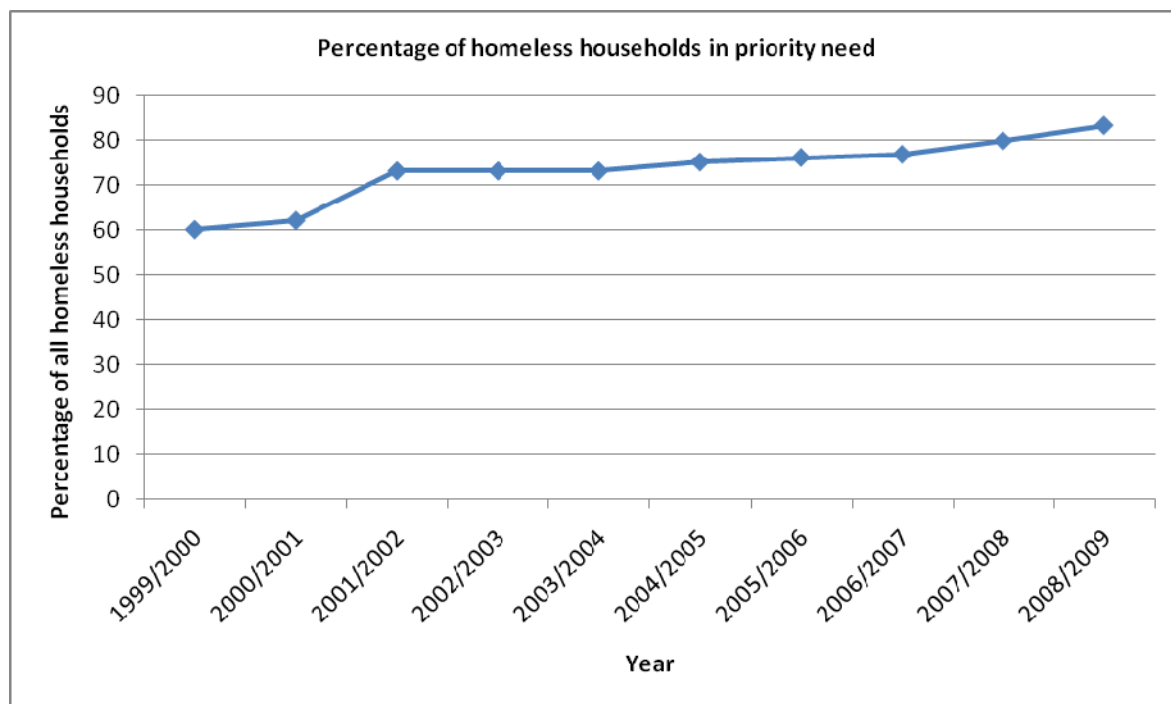


**Source:** Scottish Care Home Census, Home Care Return, Scottish Government SMR50 ISD

## 1.3 National Indicators and Targets



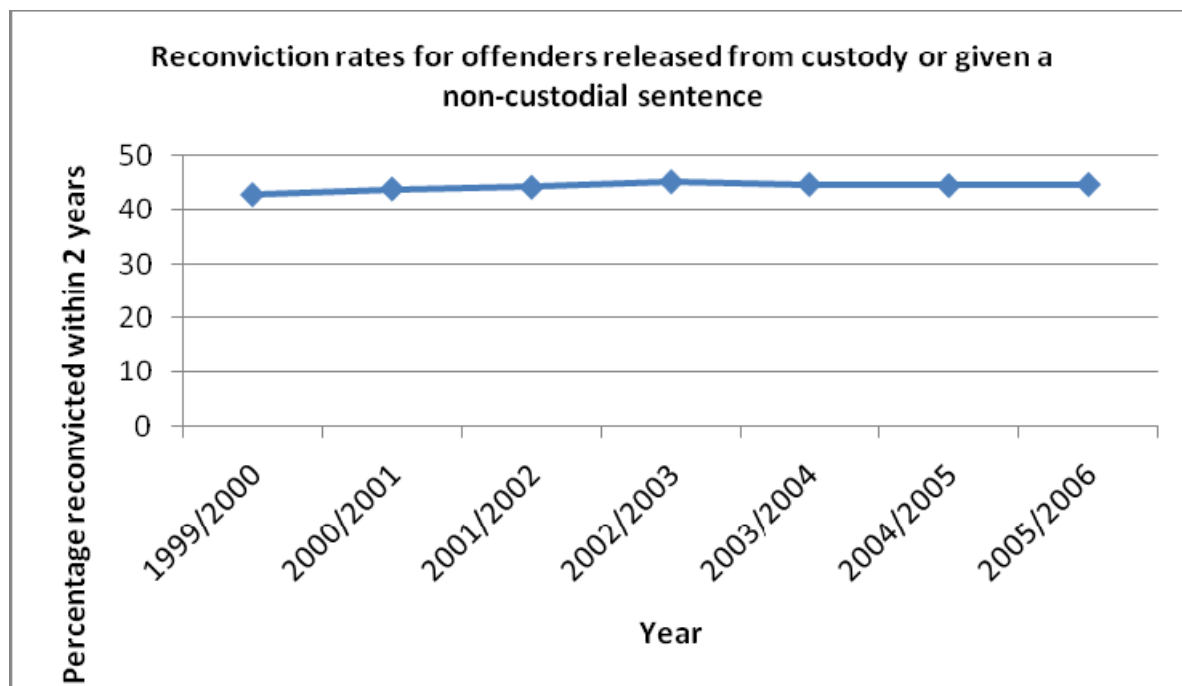
**All unintentionally homeless households will be entitled to settled accommodation by 2012**



**Source:** Scottish Government, Operation of the Homeless Persons Legislation in Scotland

### 1.3 National Indicators and Targets

↔ Reduce overall reconviction rates by 2 percentage points by 2011

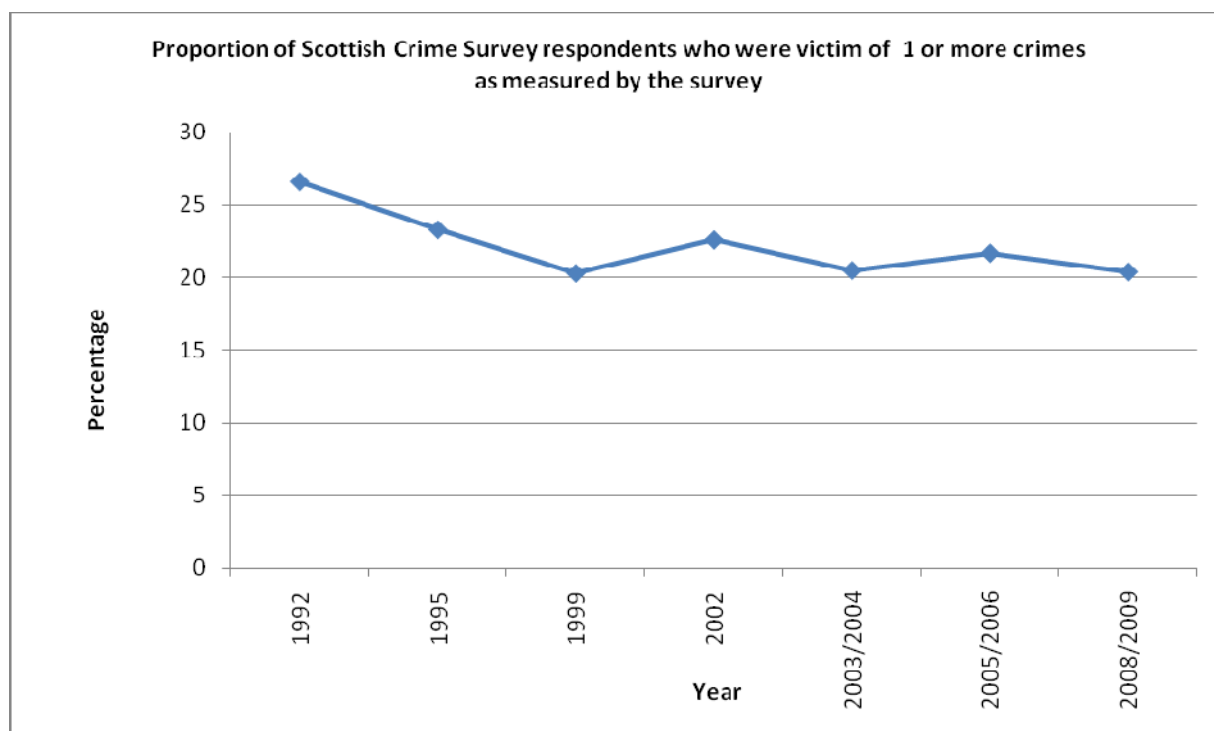


**Source:** Scottish Government Justice Analytical Services, Scottish Offenders Index

## 1.3 National Indicators and Targets



### Reduce overall crime victimisation by 2 percentage points by 2011

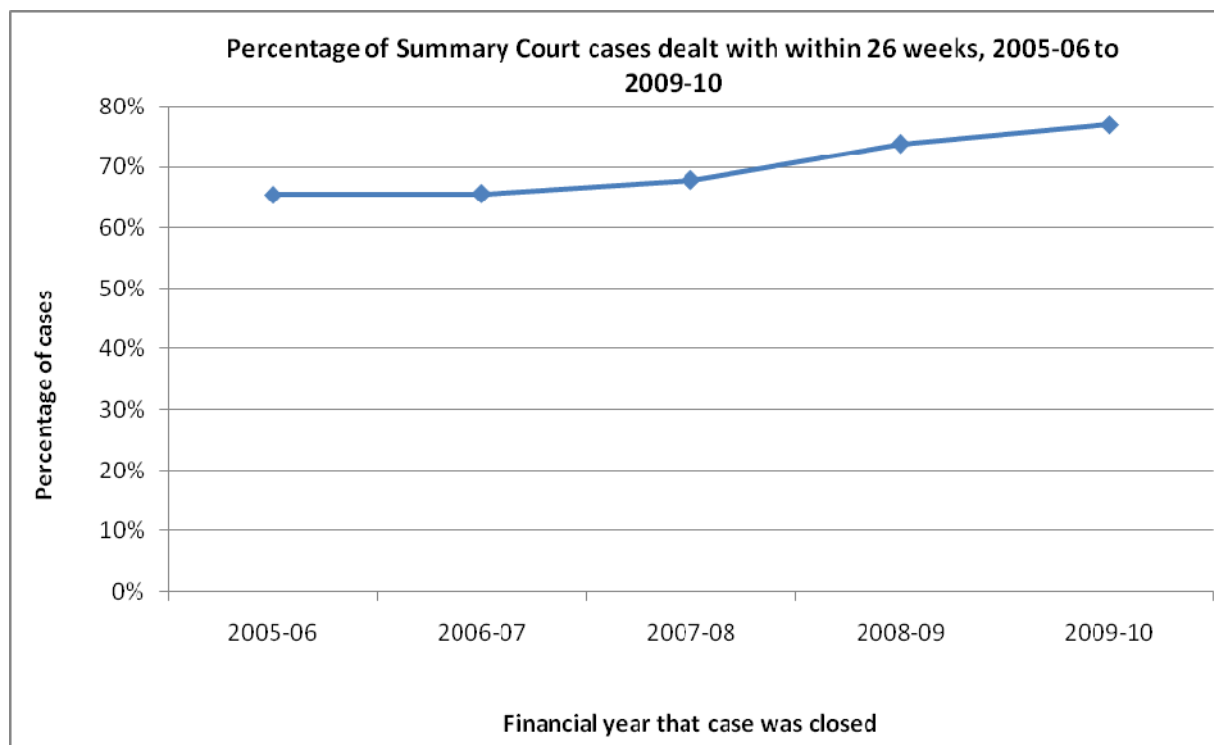


Source: Scottish Crime Survey

## 1.3 National Indicators and Targets



**Increase the percentage of criminal cases dealt with within 26 weeks by three percentage points by 2011**

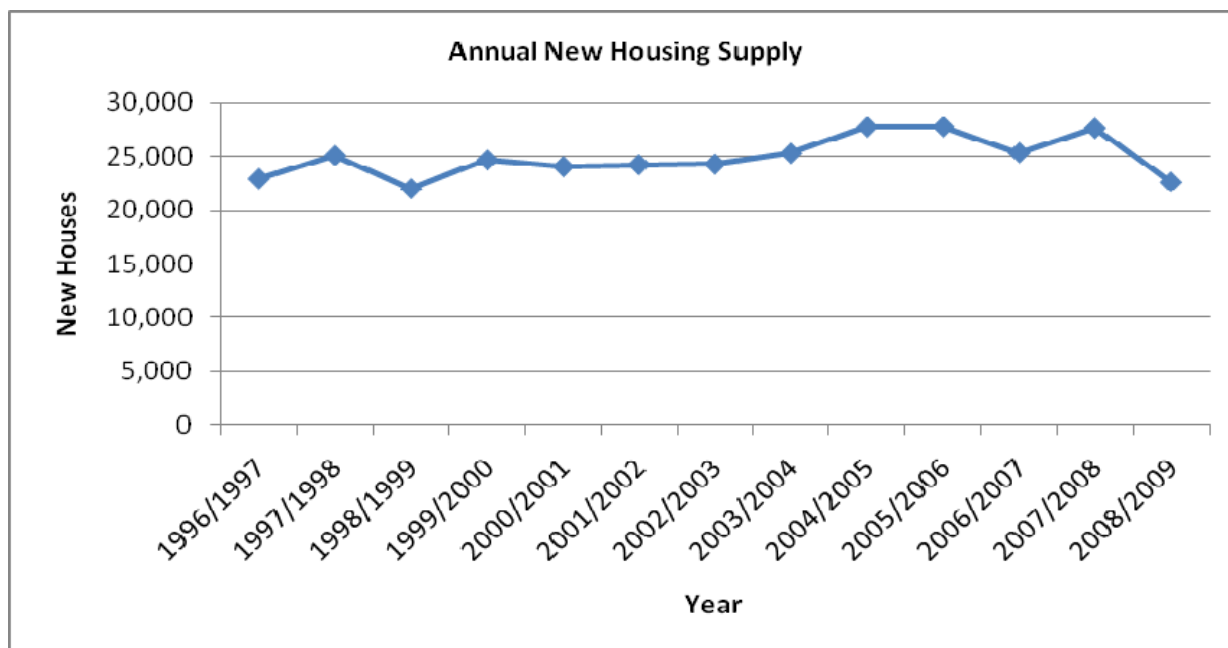


**Source:** Crown Office and Procurator Fiscal Service

## 1.3 National Indicators and Targets



### Increase the rate of new house building

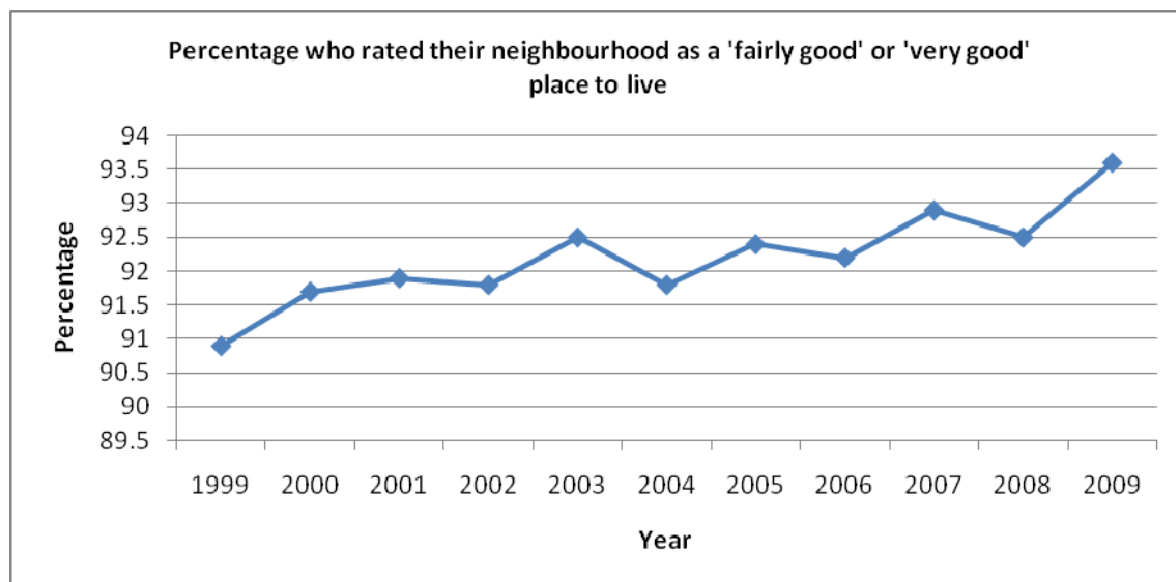


**Source:** Scottish Government, Affordable Housing Investment Database: Housing Statistical Returns

## 1.3 National Indicators and Targets



**Increase the percentage of adults who rate their neighbourhood as a good place to live**



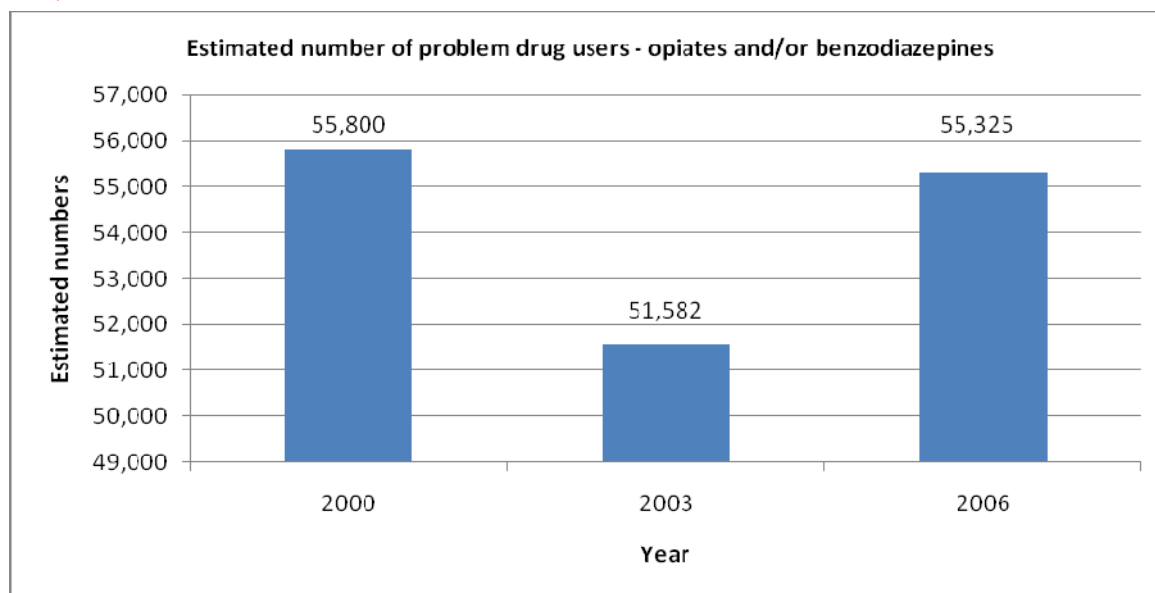
**Source:** Scottish Household Survey

Note: The chart includes revisions to previous years' data. Following a review completed in 2009, a new weighting strategy has been implemented which accounts for both the basic design weights (the old strategy) and any residual mismatch between the profile of responding households/adults and the profile of the population. All SHS estimates are now calibrated against household and population estimates produced by the General Register Office for Scotland.

### 1.3 National Indicators and Targets



**Decrease the estimated number of problem drug users in Scotland by 2011**



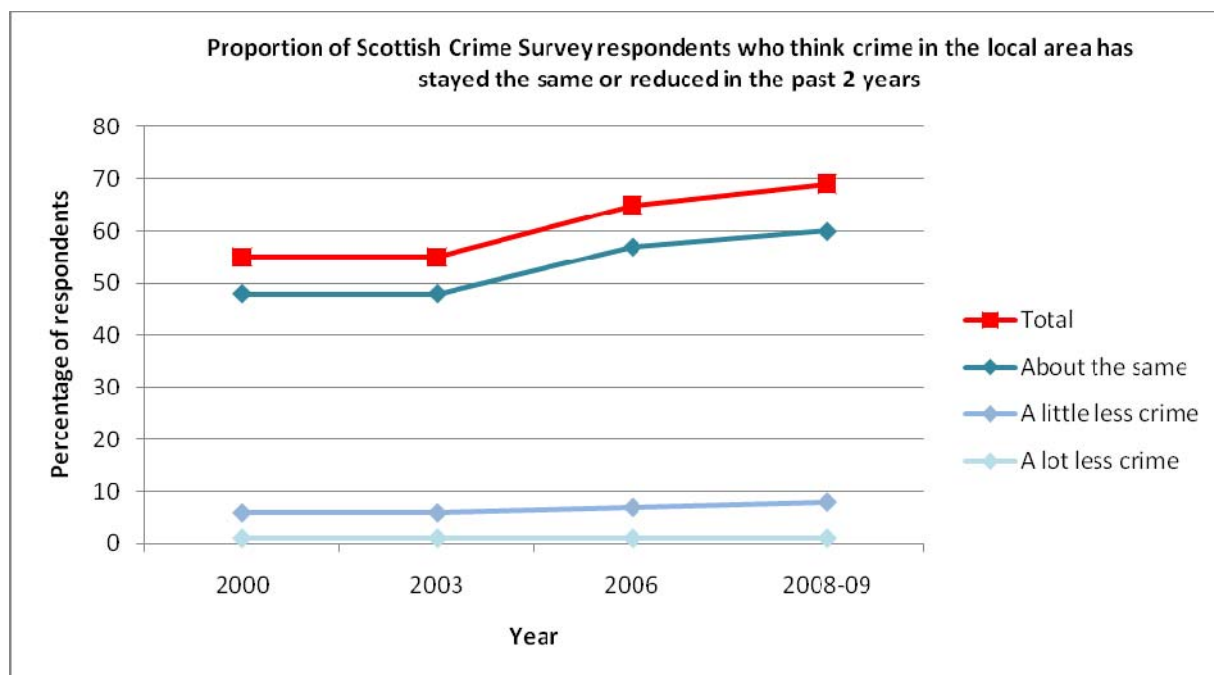
**Source:** *Estimating the National and Local Prevalence of Problem Drug Misuse in Scotland* Centre for Drug Misuse Research, University of Glasgow  
Scottish Centre for Infection and Environmental Health



### 1.3 National Indicators and Targets



#### Increase positive public perception of the general crime rate in the local area

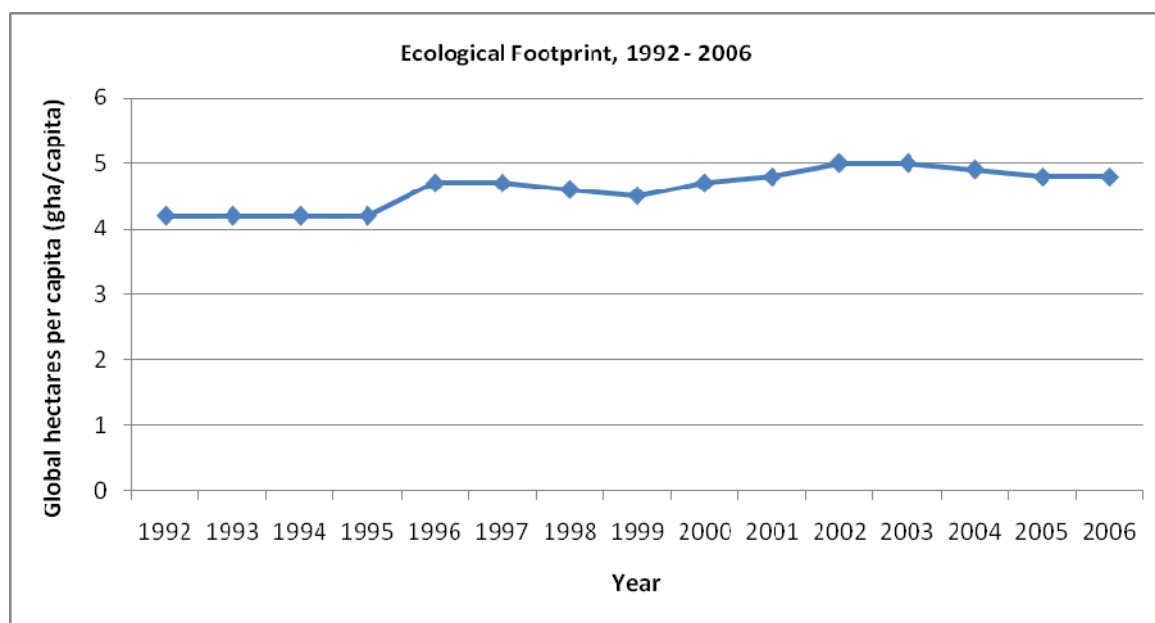


Source: Scottish Crime Surveys

### 1.3 National Indicators and Targets



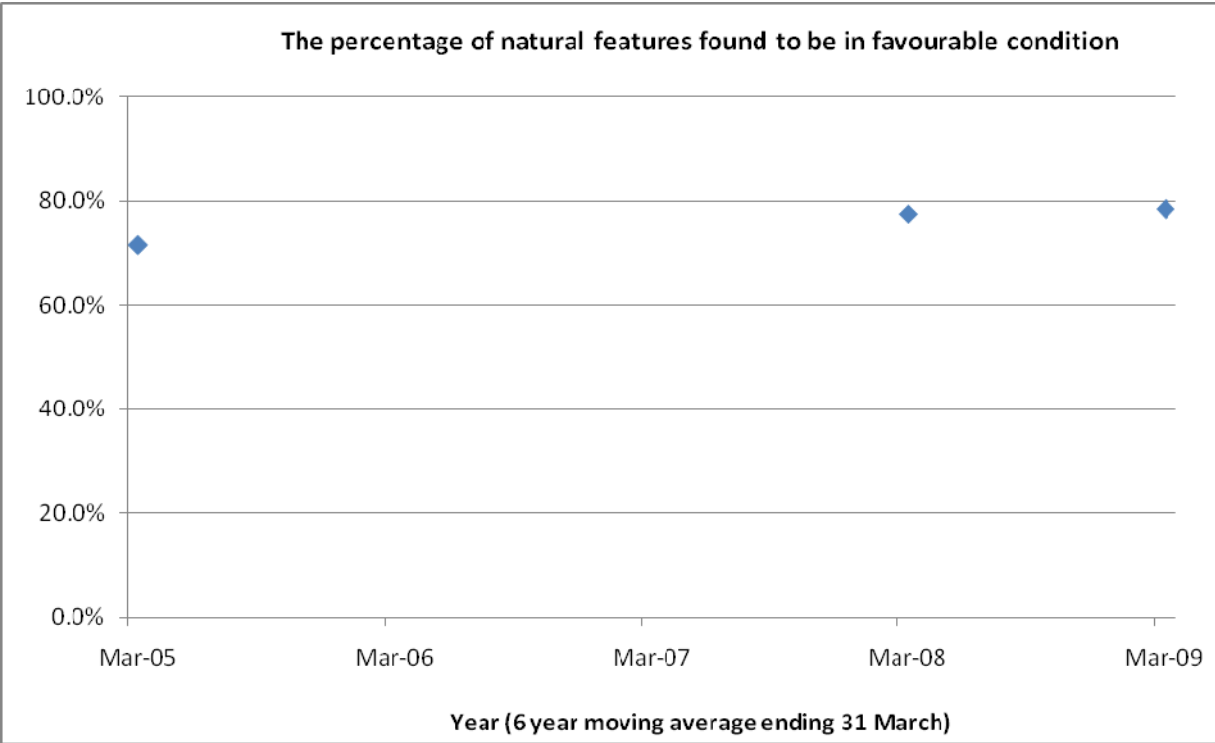
↔ **Reduce overall ecological footprint**



**Source:** Stockholm Environment Institute (Scottish Government, 2009)

### 1.3 National Indicators and Targets

↔ **Increase to 95% the proportion of protected nature sites in favourable condition**



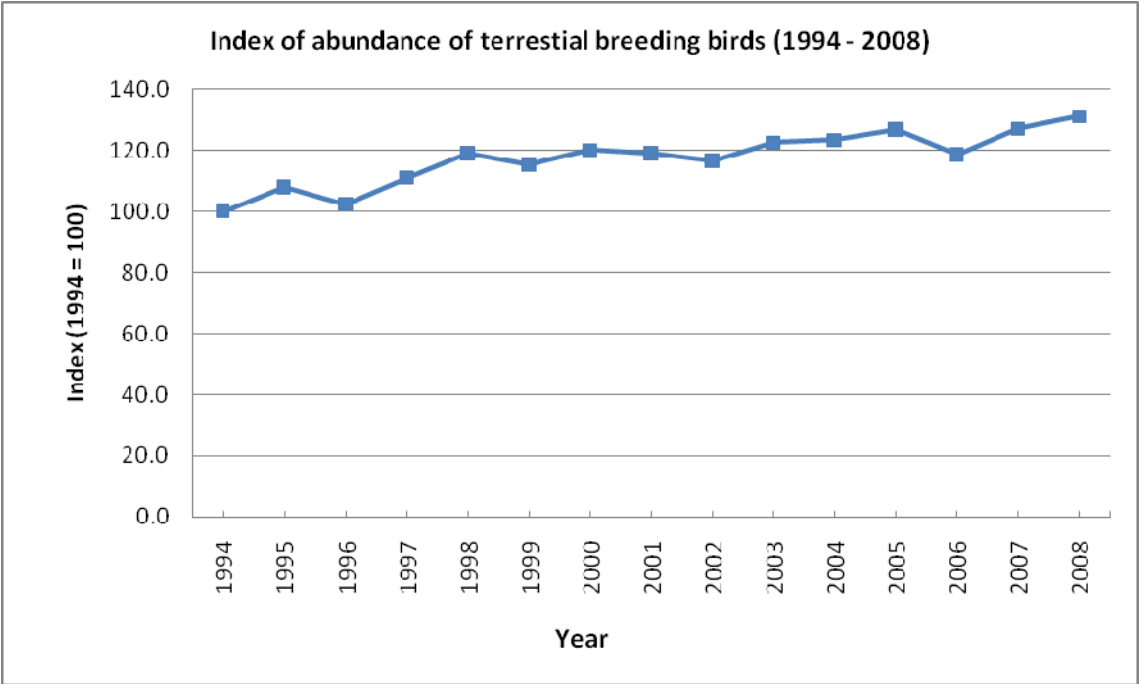
**Source:** Common Monitoring Standards Programme

? **Improve the state of Scotland’s Historic buildings, monuments and environment**  
No data

1.3 National Indicators and Targets



Biodiversity: increasing the index of abundance of terrestrial feeding birds

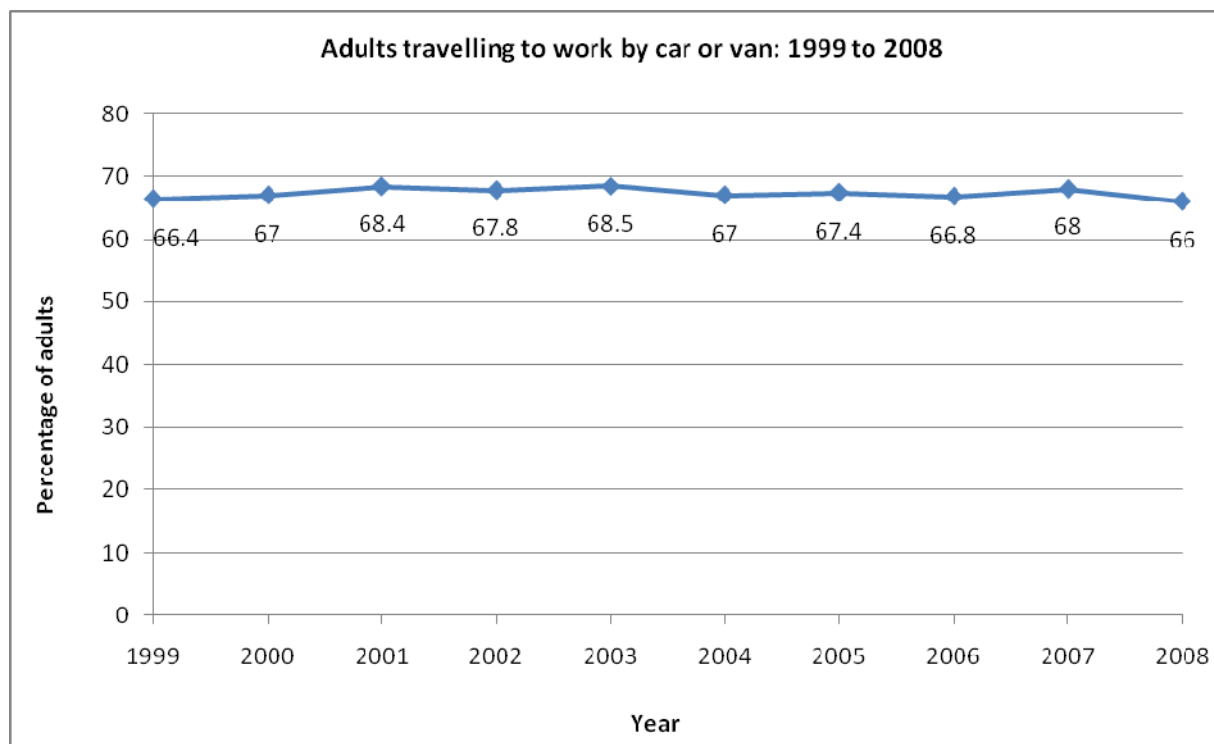


Source: British Trust for Ornithology, Royal Society for the Protection of Birds

Updated from last year – added 2008

## 1.3 National Indicators and Targets

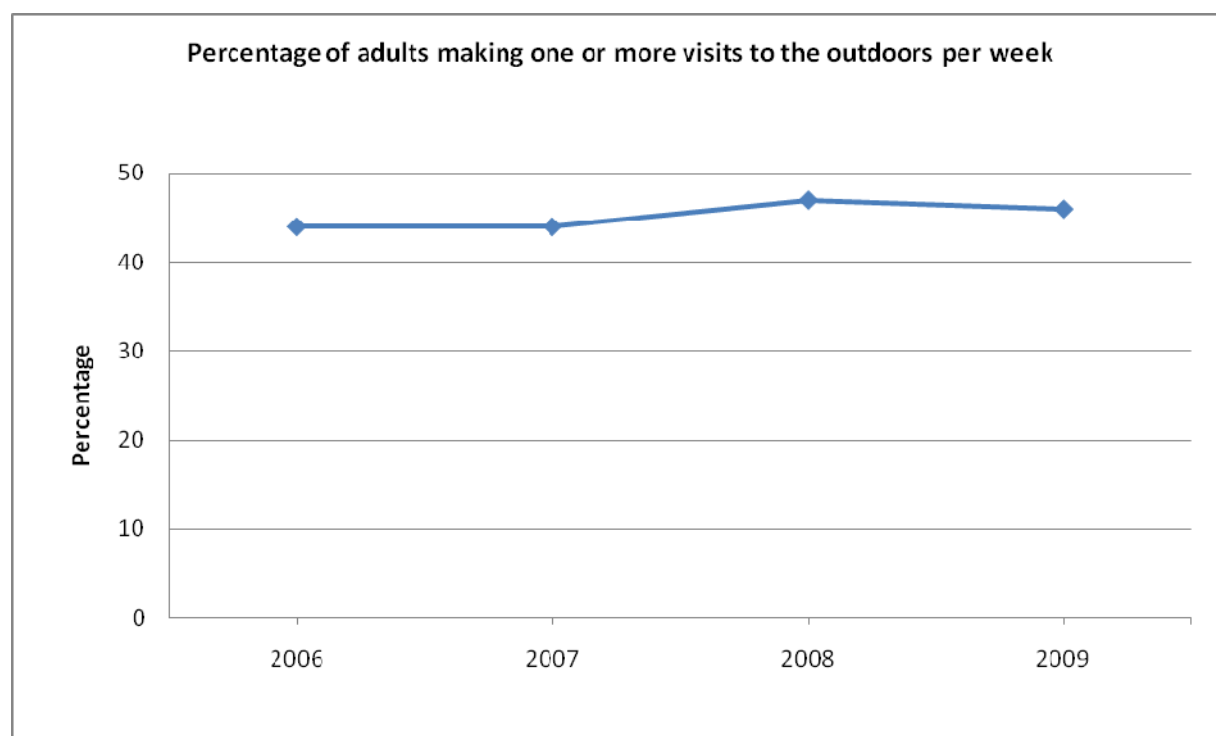
↔ **Increase the proportion of journeys made to work made by public or active transport**



**Source:** Scottish Household Survey

## 1.3 National Indicators and Targets

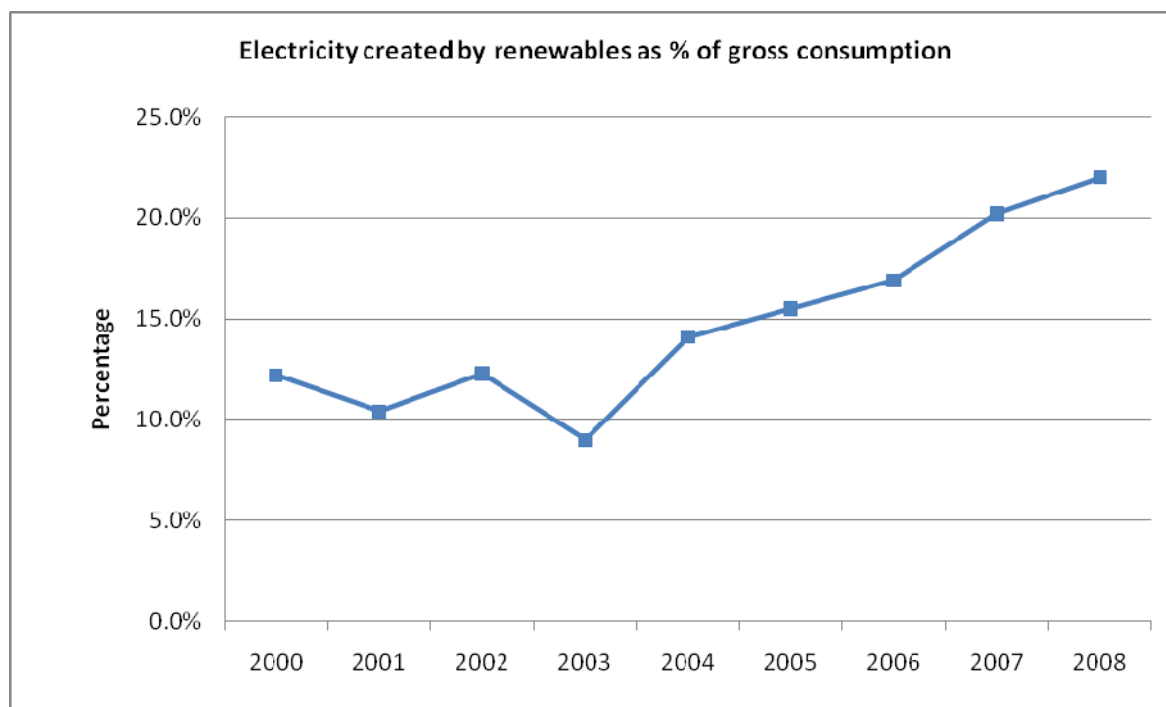
↔ Increase the proportion of adults making one or more visits to the outdoors per week



Source: Scottish Recreation Survey

## 1.3 National Indicators and Targets

↑ **50% of electricity generated in Scotland to come from renewable sources by 2020 (interim target of 31% by 2011)**

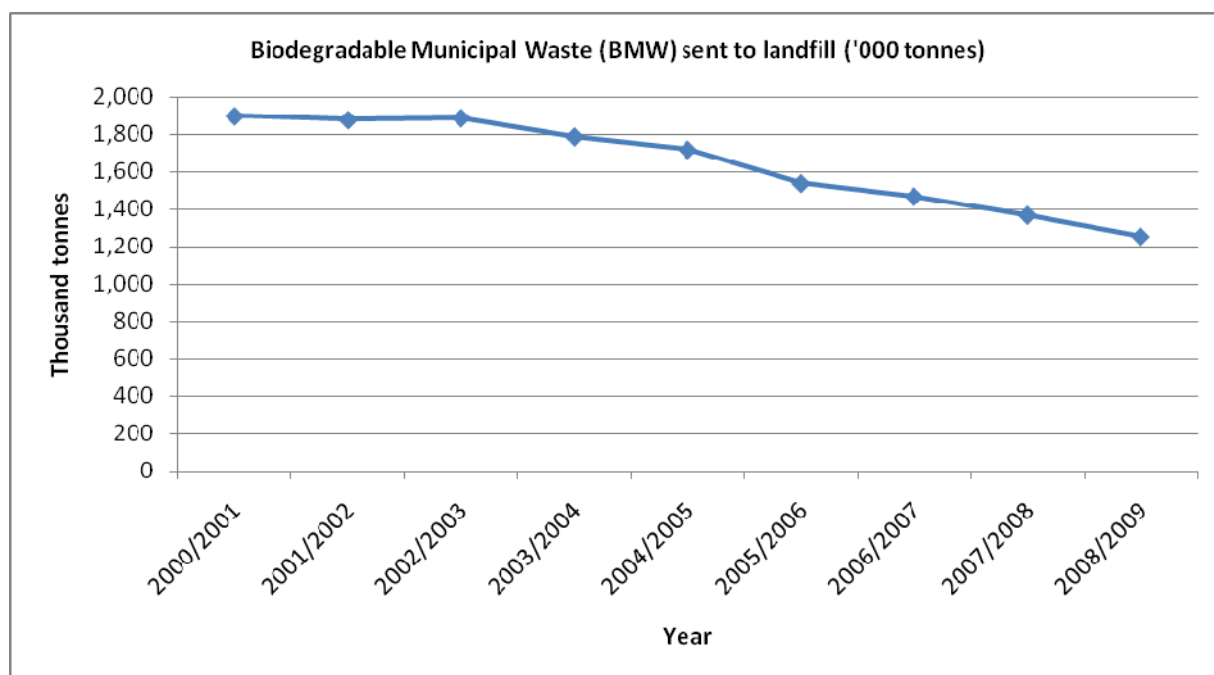


**Source:** Department of Business, Enterprise and Regulatory Reform (BERR)

## 1.3 National Indicators and Targets



**Reduce to 1.32 million tonnes of waste sent to landfill by 2011**

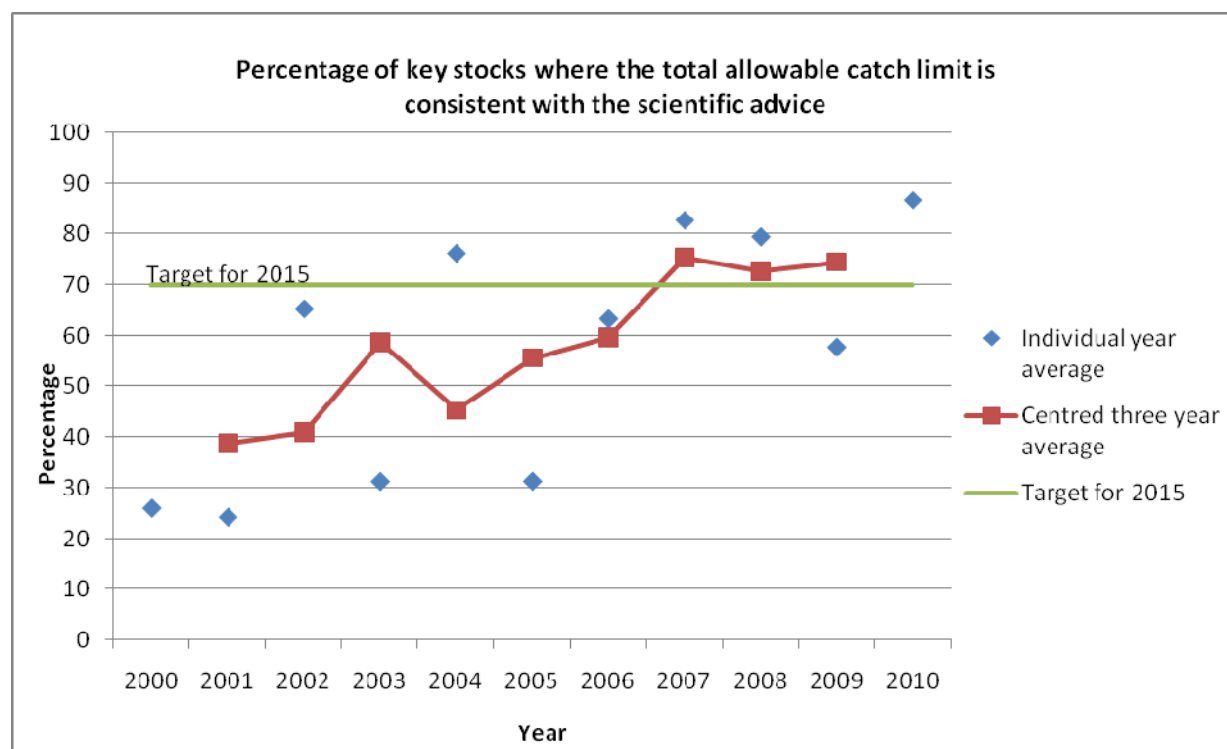


**Source:** Scottish Environment Protection Agency, 2001/02 - 2003/04 Local Authority Waste Arisings Survey, 2004/05 - 2005/06 Quarterly Landfill Allowance Scheme Return, 2006/07 Waste data flow.



### 1.3 National Indicators and Targets

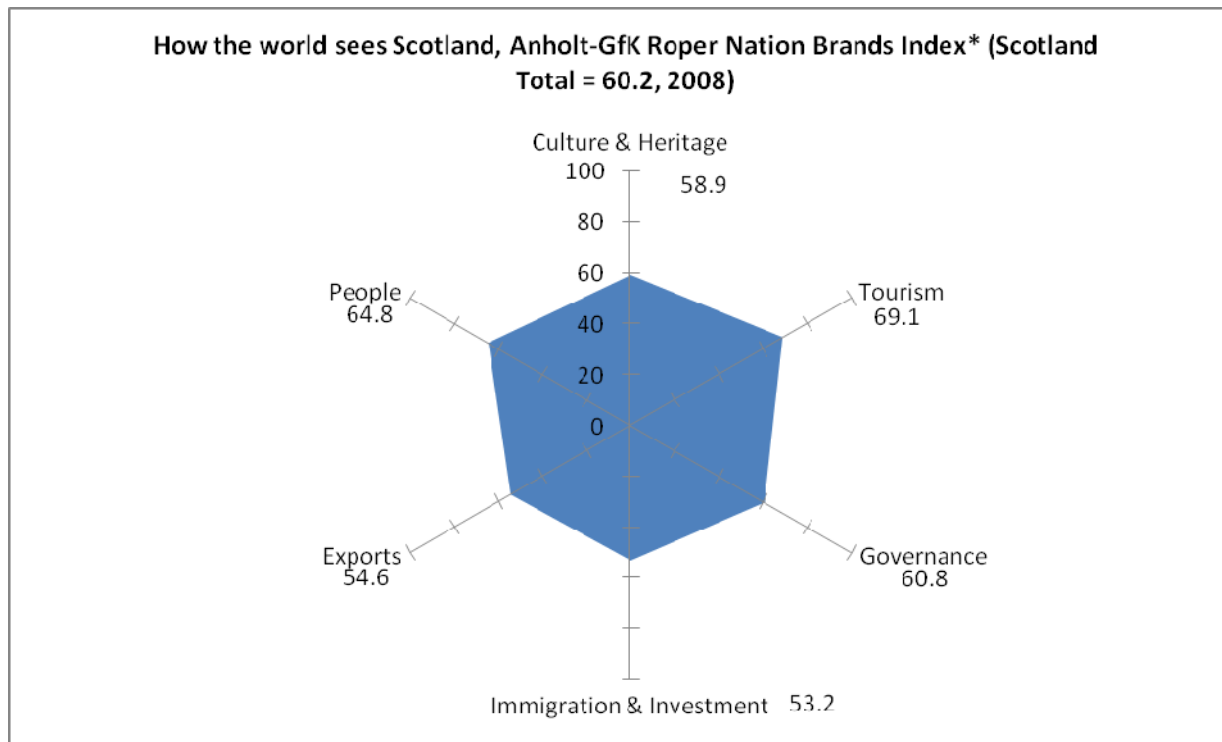
↔ **Ensure 70% key commercial fish stocks at full reproductive capacity and harvested sustainably by 2011**



Source: Marine Scotland Science

## 1.3 National Indicators and Targets

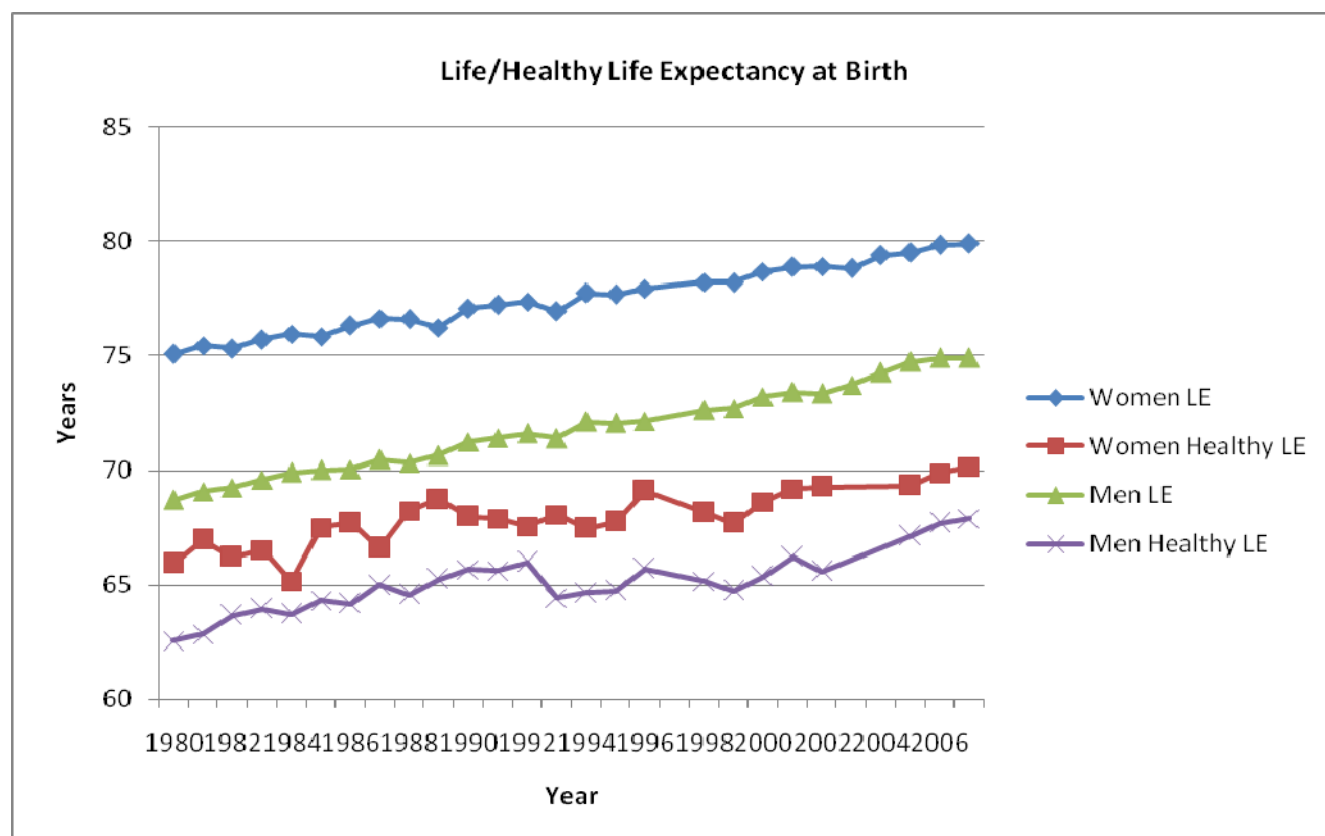
↔ Improve people's perceptions, attitudes and awareness of Scotland's reputation



## 1.4 Sustainable Development Indicators

### Well Being

#### Health Inequality - Life Expectancy at Birth by Gender



Source: Government Actuary's Department; NHS Scotland Information Services Division

Updated from last year – added 2007 and some other years updated

## 1.4 Sustainable Development Indicators

### Well Being

#### Air Quality - Number of Air Quality Management Areas

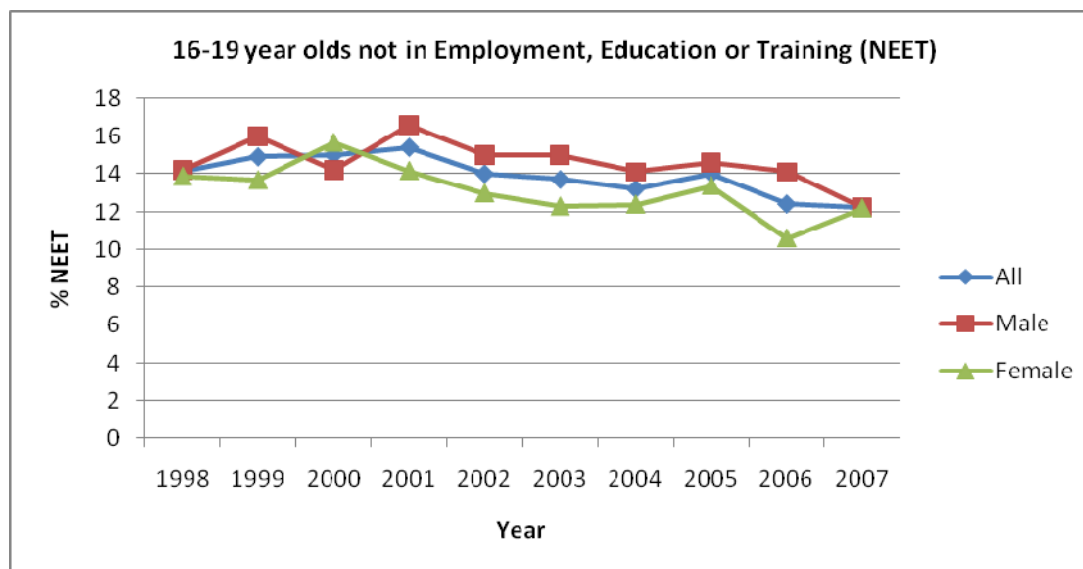
Year	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of AQMAs	1	3	3	3	3	9	12	14	20

Source: Local Authorities

Updated from last year – added 2008



#### Economic Opportunity (16-19 year olds) - 16-19 year olds Not in Employment, Education or Training



**Source:** Labour Force Survey (LFS), Quarters combined for 1996-2002. The 2003 figures are taken from the Annual Scottish LFS (ASLFS). Data from 2004 onwards are taken from the Annual Population Survey (APS). The APS and ASLFS include boosts to the main LFS. This means there is a discontinuity in the series.

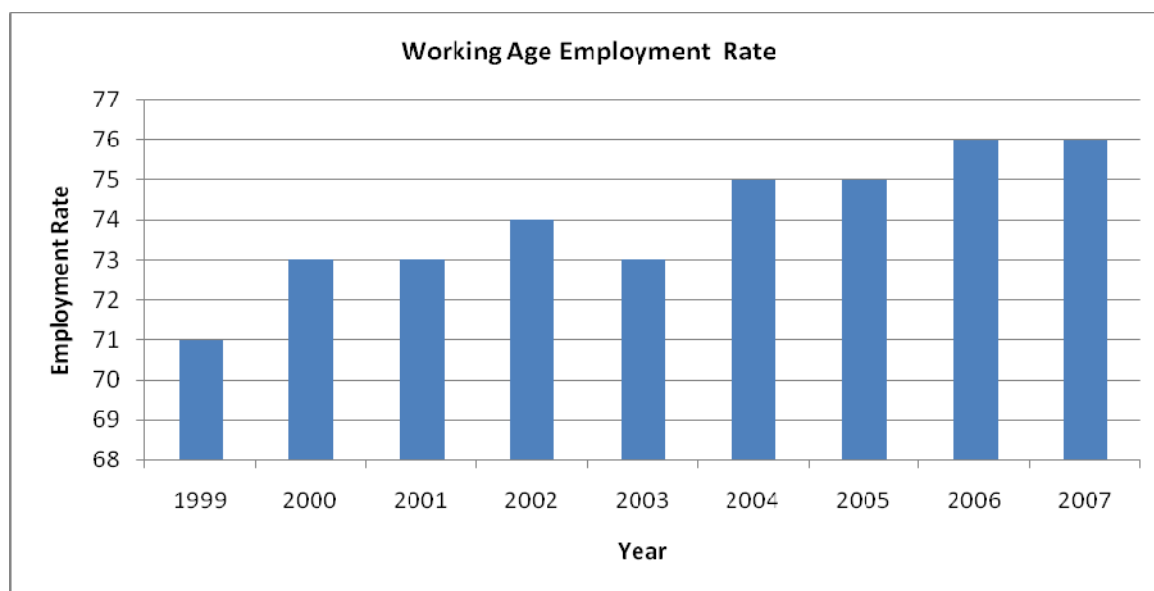
No update from last year

## 1.4 Sustainable Development Indicators

### Well Being



#### Economic opportunity (Employment) - Working age employment rate



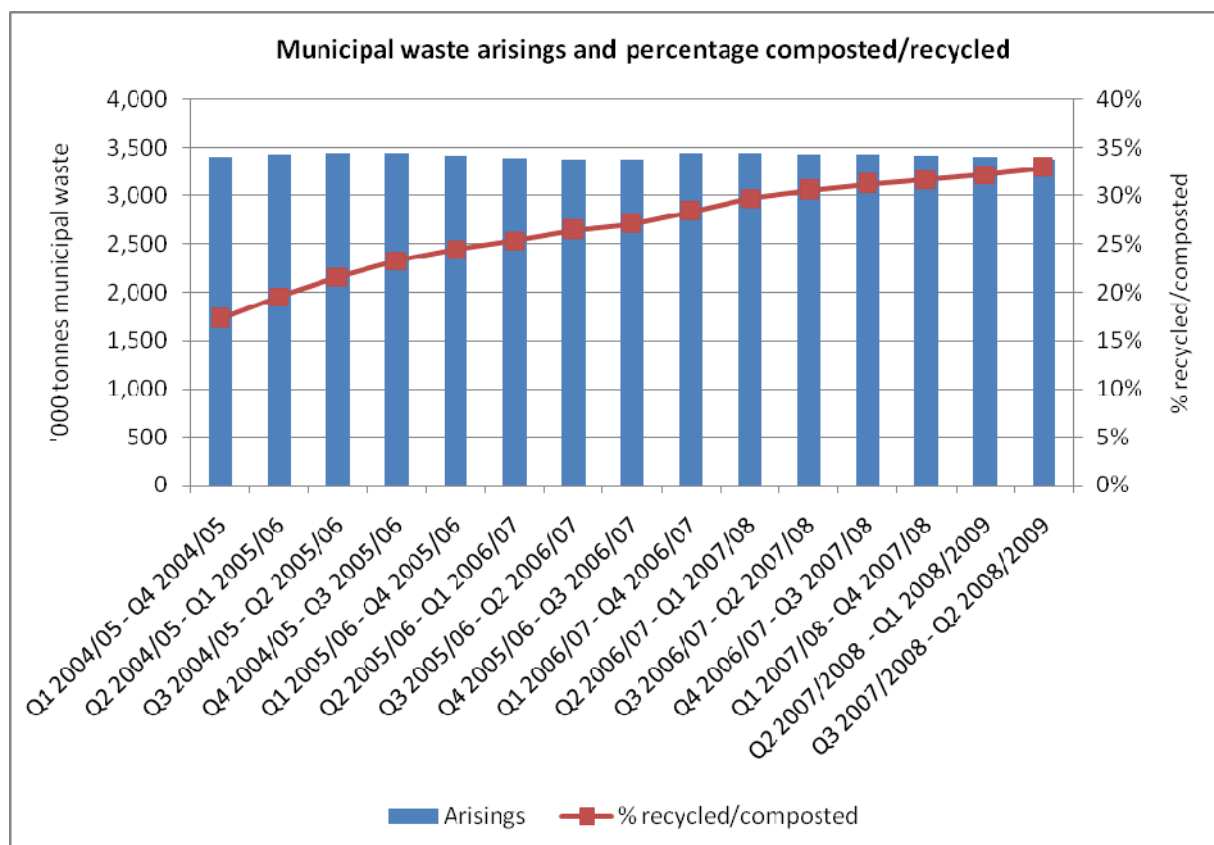
**Source:** Labour Force Survey (LFS), Quarters combined for 1999-2002. The 2003 figures are taken from the Annual Scottish LFS (ASLFS). Data from 2004 onwards are taken from the Annual Population Survey (APS). The APS and ASLFS include boosts to the main LFS. This means there is a discontinuity in the series.

No update from last year

## 1.4 Sustainable Development Indicators

### Learning

#### Waste - Municipal waste arisings and percentage recycled or composted

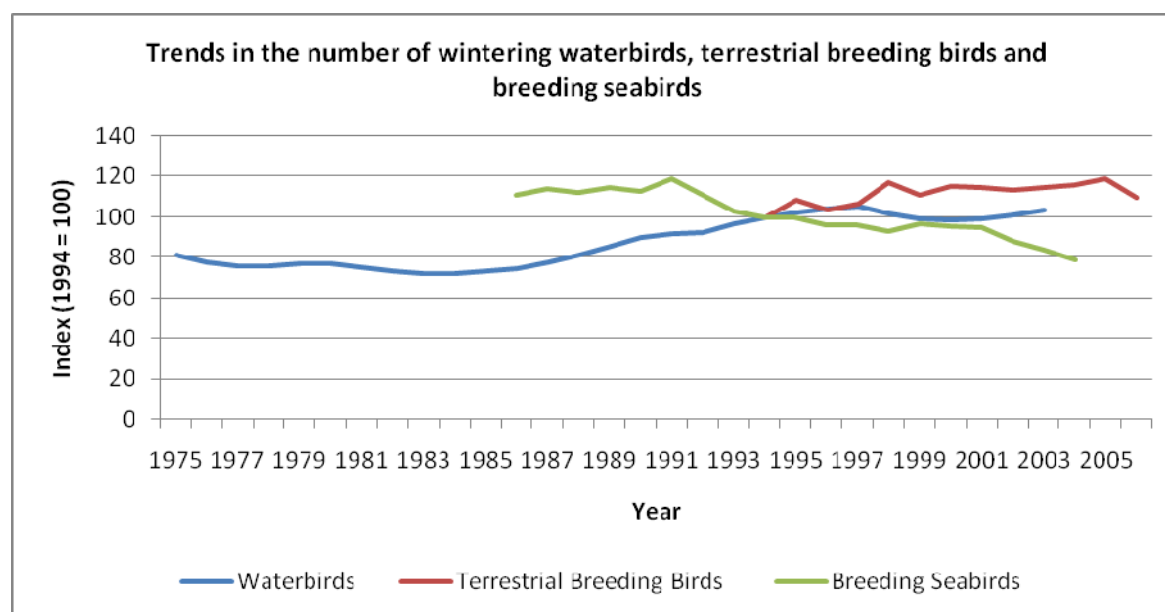


Source: Scottish Environment Protection Agency

## 1.4 Sustainable Development Indicators

### Learning

#### ↔ Biodiversity - Composite indicator of bird populations



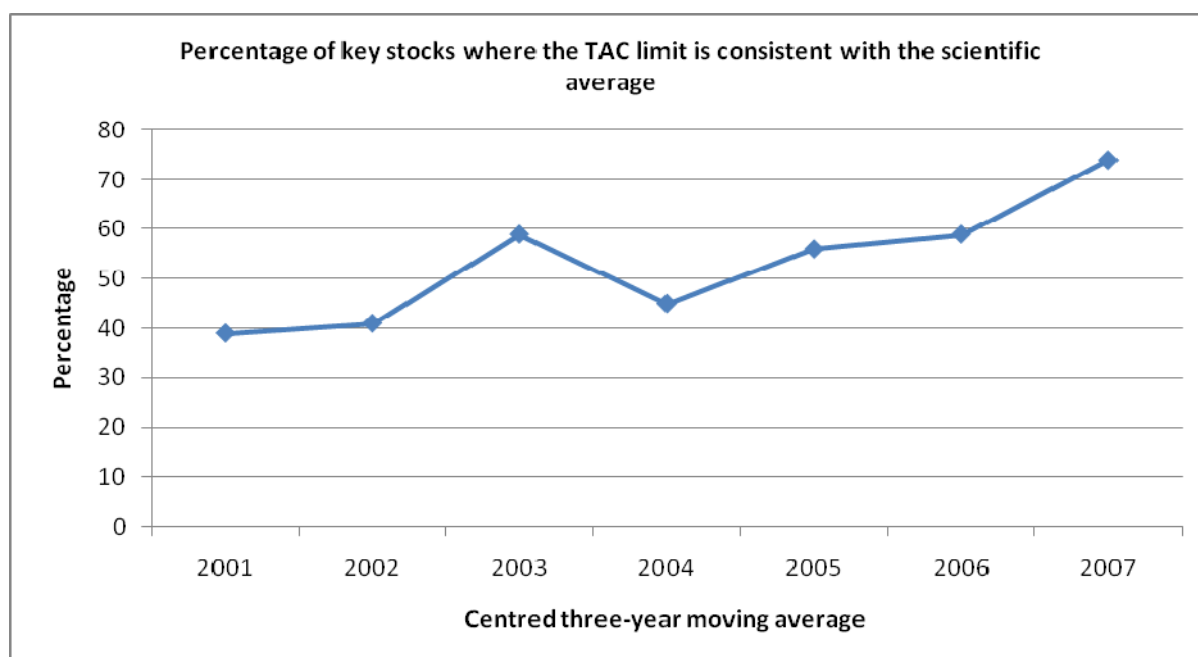
Source: BTO, JNCC, RSPB, WWT

## 1.4 Sustainable Development Indicators

### Learning



#### Marine - Proportion of fish stocks where the quota limit is consistent with scientific advice



Source: Scottish Government Marine Directorate

Note: Landings data for 2008 was estimated using 2007 landings data

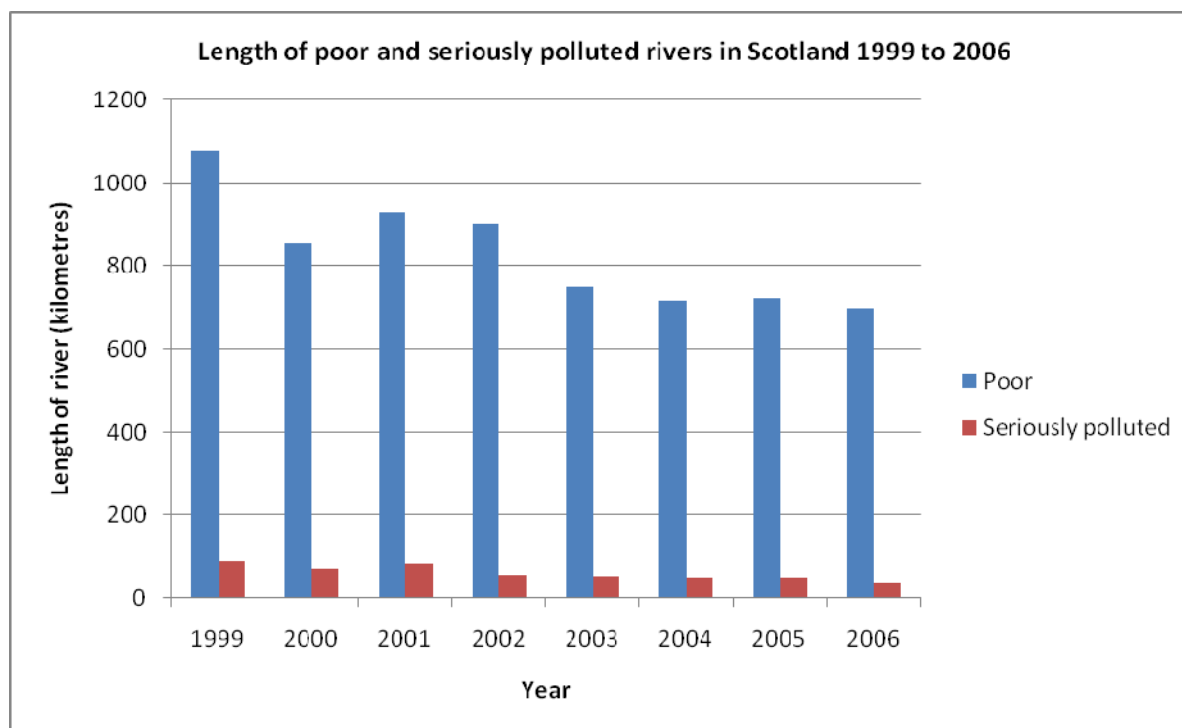


## 1.4 Sustainable Development Indicators

### Learning



#### River Quality - Length of poor and seriously polluted rivers

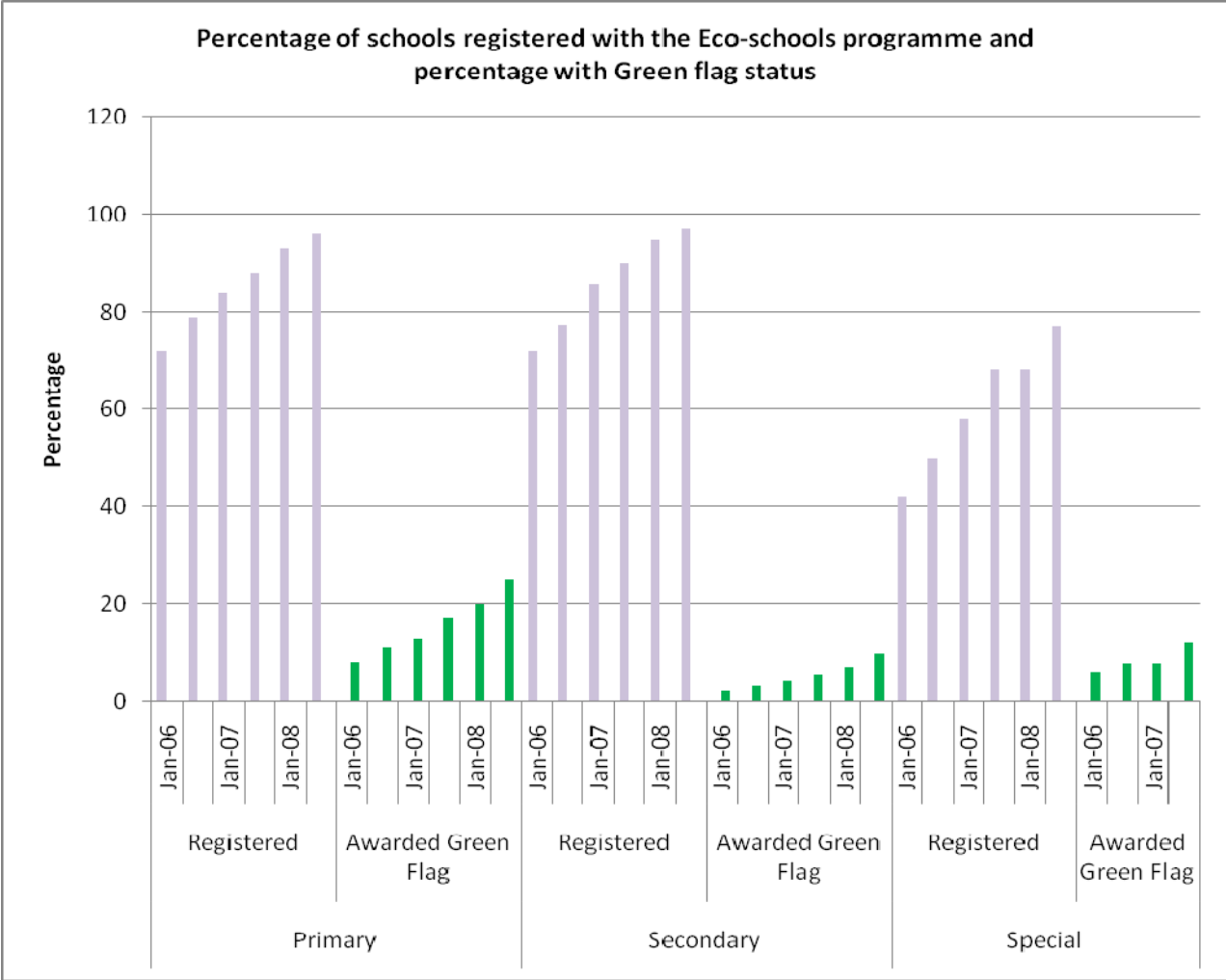


**Source:** Scottish Environment Protection Agency

# 1.4 Sustainable Development Indicators

## Learning

Learning - Percentage of schools registered for the Eco Schools programme with Green Flag status

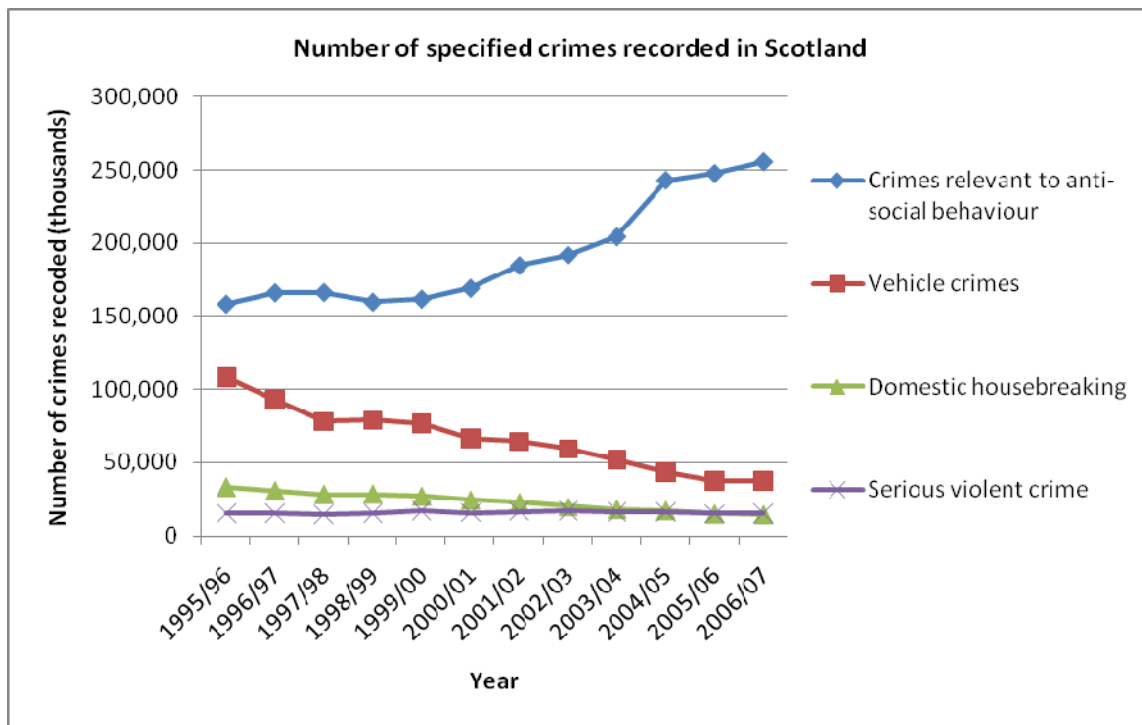


Source: Eco Schools Scotland and Scottish Government

## 1.4 Sustainable Development Indicators

### Supporting Thriving Communities

↔ **Crime - Recorded crimes for (a) vehicle crime (b) domestic housebreaking (c) serious violent crime (d) anti-social behaviour**

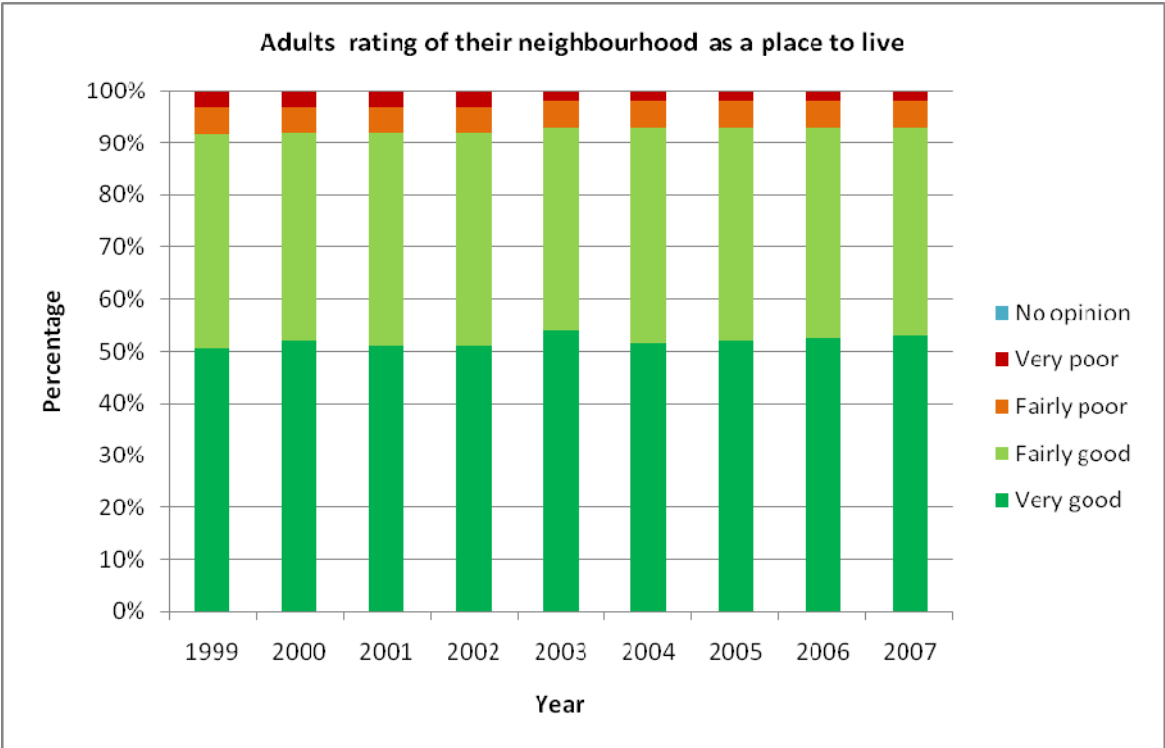


**Source:** Data supplied to the Scottish Government by Scottish Police Forces

1.4 Sustainable Development Indicators

Supporting Thriving Communities

↔ **Community: Neighbourhood Satisfaction - Adults rating of their neighbourhood as a place to live**

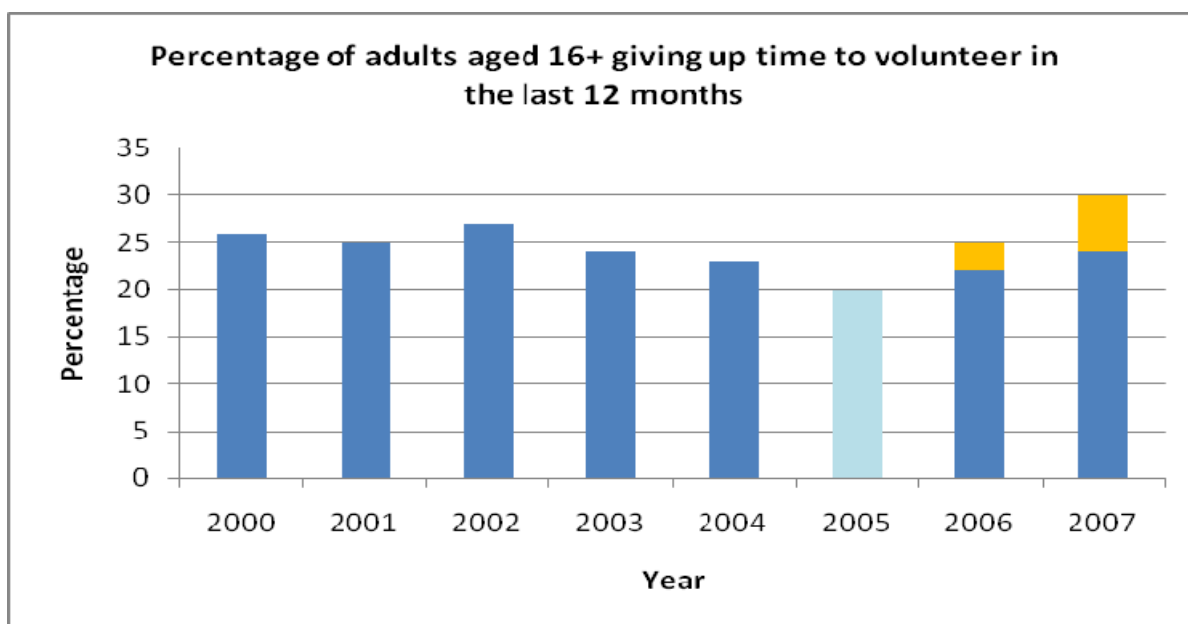


Source: Scottish Household Survey

## 1.4 Sustainable Development Indicators

### Supporting Thriving Communities

**Community: Volunteering - Proportion of people over 16 who have given up time on an unpaid basis for an organisation**



**Source:** Scottish Household Survey

1.4 Sustainable Development Indicators

Supporting Thriving Communities



Households: Child Poverty - Proportion of children living in low income household

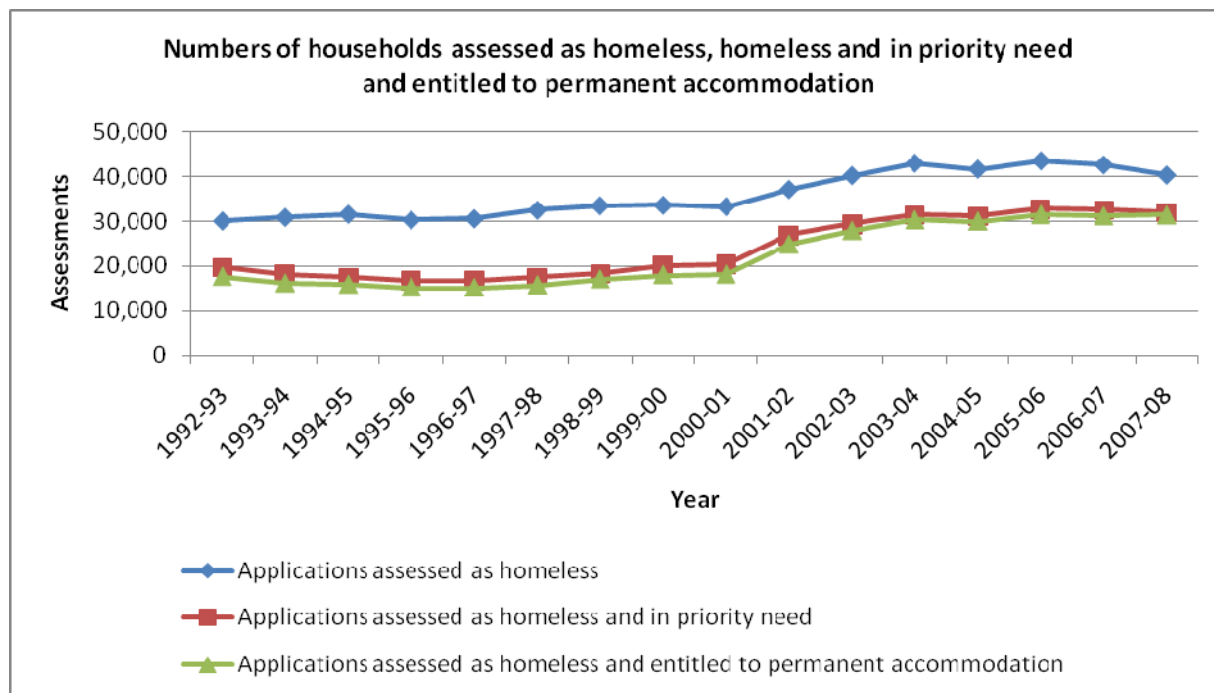


Source: Households Below Average Income, Department for Work and Pensions

## 1.4 Sustainable Development Indicators

### Supporting Thriving Communities

#### Households: Homeless households - Households assessed as homeless



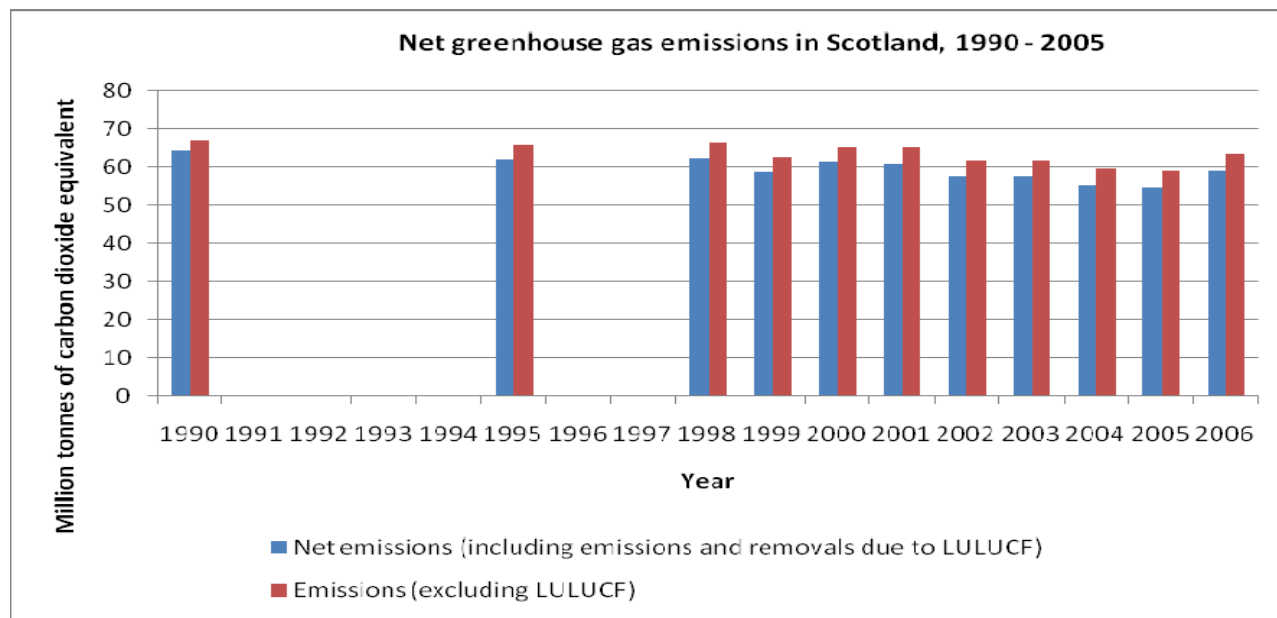
Source: Scottish Government, Housing Access and Support Statistics

## 1.4 Sustainable Development Indicators

### Scotland's Global Contribution



**Climate Change - Net greenhouse gas emissions including emissions and removals due to Land Use, Land Use Change and Forestry (LULUCF), and emissions excluding LULUCF**



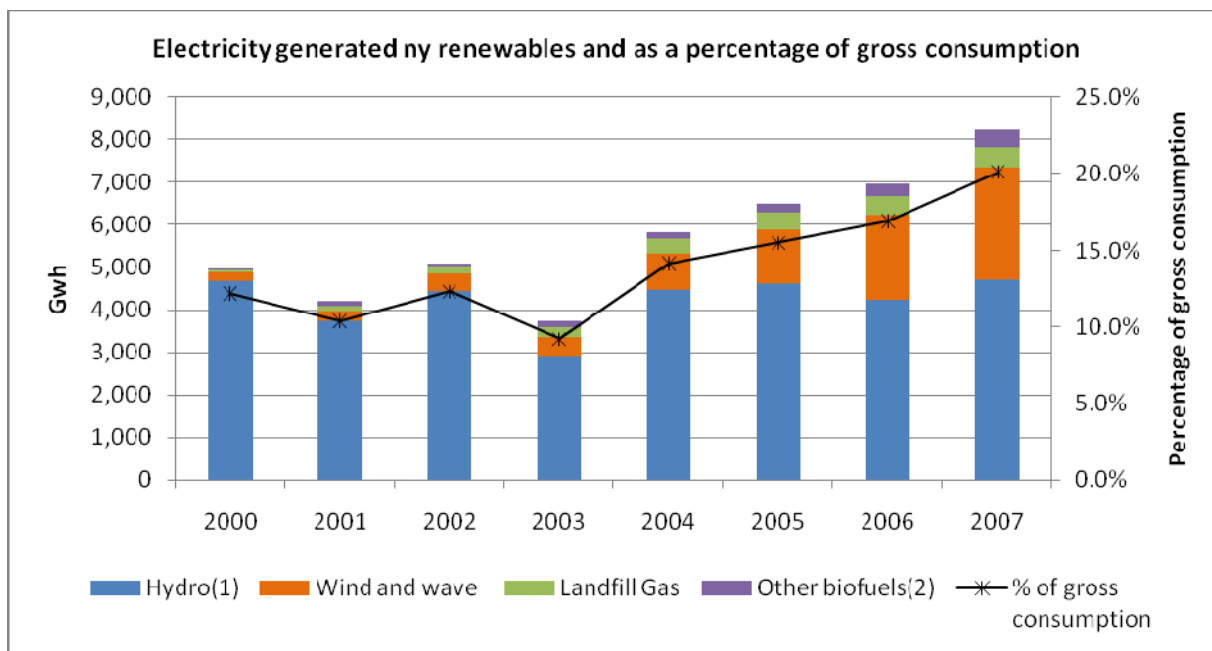
**Source:** AEA Energy and Environment



## 1.4 Sustainable Development Indicators

### Scotland's Global Contribution

#### Sustainable Energy (renewable) - Percentage of Scottish whole electricity consumption generated from renewable sources in Scotland



Source: Department for Energy and Climate Change

Updated from last year – added 2007 and data source updated

?

#### Sustainable Energy (emissions) - Carbon emission indicator

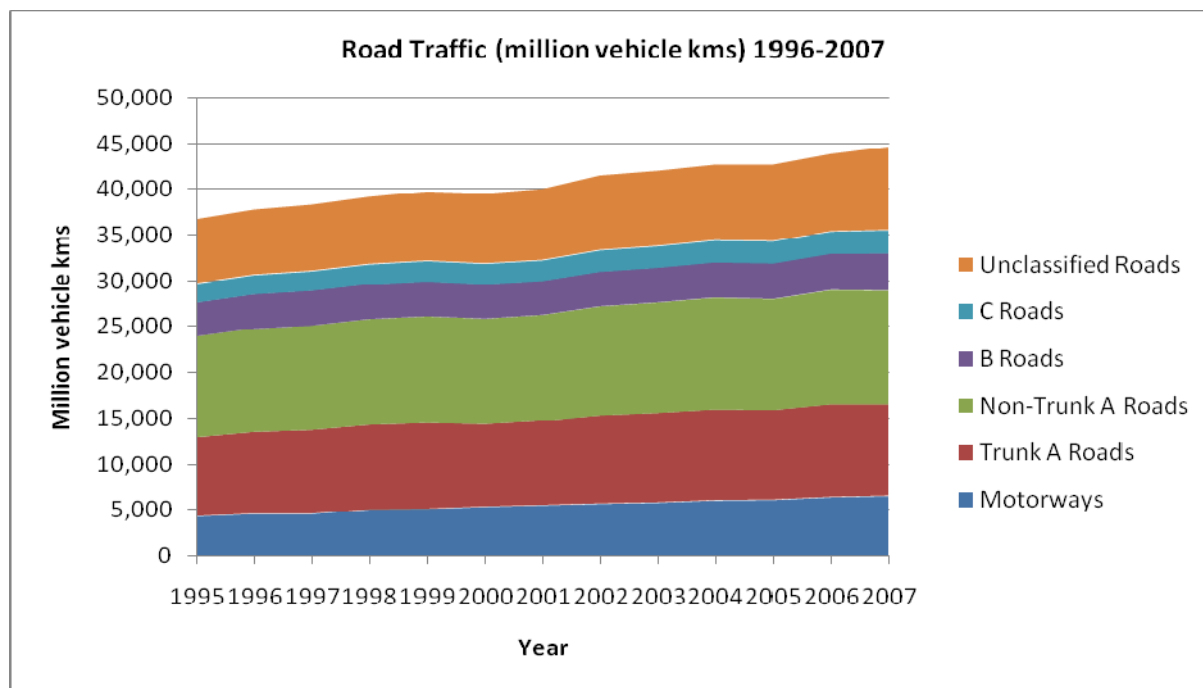
No data available

## 1.4 Sustainable Development Indicators

### Scotland's Global Contribution



#### Transport - Road Traffic



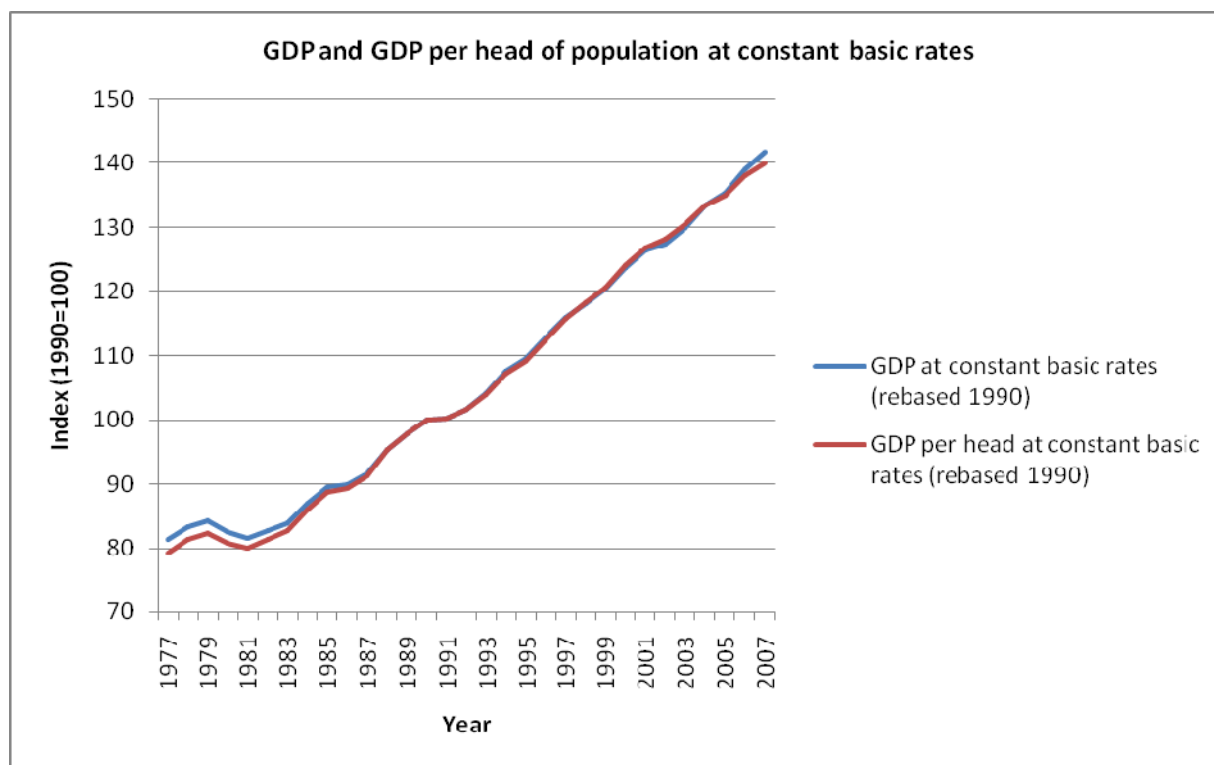
**Source:** Scottish Transport Statistics, Table 6.1, 2006 Edition

## 1.4 Sustainable Development Indicators

### Scotland's Global Contribution



#### Economy - Economic activity: Gross Domestic Product/Gross Domestic Product per head

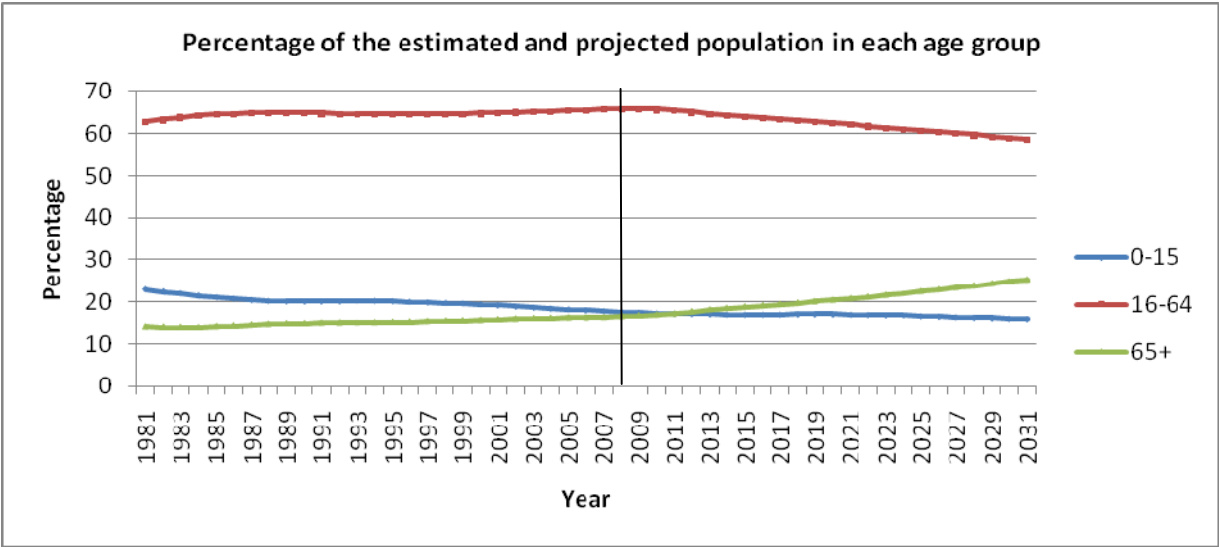


Source: Scottish Government

# 1.4 Sustainable Development Indicators

## Context

### Demography - Age profile of the population



Source: General Register Office for Scotland, Office for National Statistics