

## **General Details**

|                                |   |
|--------------------------------|---|
| <b>Dataset Title:</b>          | <b>Life Expectancy by Scottish Parliamentary Constituency</b>   |
| <b>Time Period of Dataset:</b> | 2007-2009   |
| <b>Geographic Coverage:</b>    | SPC   |
| <b>Supplier:</b>               | General Register Office for Scotland (GROS)   |
| <b>Department:</b>             | Demography Division, Population and Migration Statistics Branch   |
| <b>Previous publication:</b>   | Life Expectancy by Scottish Parliamentary Constituency based on the period 2006-2008<br><a href="#">General Register Office for Scotland - life expectancy in scottish parliamentary constituency areas 2006-2008</a> |

## **Methodology:**

The life expectancy estimates and confidence intervals are calculated using the Chiang II method.

The figures quoted are a three year mean average. They are produced by aggregating data zone death counts and data zone population estimates for the three year period.

Three years of data are needed to provide large enough numbers to ensure that the figures published in this report are sufficiently robust.

There were two deaths in both 2007 and 2009 in the zero age group for which the sex was unclassified, for the purposes of calculating these estimates these deaths were treated as male.

More information on life expectancy methodology is available via the following links:

<http://www.gro-scotland.gov.uk/statistics/theme/life-expectancy/admin-area/2007-2009/index.html>

## **Definitions**

Life expectancy at birth is an estimate of the average number of years a new born baby would survive if he/she experienced the particular area's age specific mortality rates for that time period throughout his/her life

## **Notes**

• **When interpreting life expectancy estimates it is important to bear in mind confidence intervals, particularly when focusing on areas with small populations, i.e. Shetland Islands, Orkney Islands and Western Isles. Overlapping confidence intervals indicate that differences in life expectancy between areas may not be statistically significant.**

• **Recent investigation has provided evidence that the disproportionate number of non-resident deaths which occur in some areas of Scotland (specifically areas of the Highlands, Dumfries & Galloway, Scottish Borders and Glasgow) lowers the estimated life expectancy in these areas. This underestimation (by approximately 3 to 10 months) should be born in mind when interpreting the life expectancy estimates in the following SPC areas:**

### **Male Life Expectancy**

Inverness East, Nairn & Lochaber  
Roxburgh & Berwickshire  
Glasgow Kelvin

### **Female Life Expectancy**

Roxburgh & Berwickshire  
Argyll & Bute  
Inverness East, Nairn & Lochaber

Expectation of Life at Birth, by Scottish Parliamentary Constituency area, Scotland, 2007-2009

|                                     | Males                        |              |              |              | Females                      |              |              |              |
|-------------------------------------|------------------------------|--------------|--------------|--------------|------------------------------|--------------|--------------|--------------|
|                                     | Expectation of Life at Birth | Lower 95% CI | Upper 95% CI | length of CI | Expectation of Life at Birth | Lower 95% CI | Upper 95% CI | length of CI |
| <b>SCOTLAND<sup>1</sup></b>         | <b>75.4</b>                  | <b>75.3</b>  | <b>75.5</b>  | <b>0.2</b>   | <b>80.1</b>                  | <b>80.1</b>  | <b>80.2</b>  | <b>0.2</b>   |
| Aberdeen Central                    | 72.4                         | 71.5         | 73.2         | 1.7          | 78.6                         | 77.8         | 79.4         | 1.6          |
| Aberdeen North                      | 77.0                         | 76.1         | 77.8         | 1.7          | 81.7                         | 81.0         | 82.5         | 1.4          |
| Aberdeen South                      | 77.4                         | 76.6         | 78.1         | 1.5          | 81.2                         | 80.5         | 81.9         | 1.4          |
| Airdrie & Shotts                    | 73.3                         | 72.5         | 74.1         | 1.6          | 78.0                         | 77.3         | 78.7         | 1.4          |
| Angus                               | 76.7                         | 75.8         | 77.6         | 1.8          | 81.3                         | 80.6         | 82.0         | 1.4          |
| Argyll & Bute                       | 76.1                         | 75.2         | 77.1         | 1.8          | 80.2                         | 79.4         | 81.1         | 1.6          |
| Ayr                                 | 75.5                         | 74.6         | 76.4         | 1.8          | 80.4                         | 79.6         | 81.1         | 1.5          |
| Banff & Buchan                      | 75.4                         | 74.5         | 76.2         | 1.7          | 80.2                         | 79.4         | 81.0         | 1.5          |
| Caithness, Sutherland & Easter Ross | 76.2                         | 75.2         | 77.2         | 2.0          | 79.8                         | 78.9         | 80.8         | 1.8          |
| Carrick, Cumnock & Doon Valley      | 75.3                         | 74.5         | 76.1         | 1.6          | 80.1                         | 79.4         | 80.8         | 1.4          |
| Central Fife                        | 74.6                         | 73.7         | 75.5         | 1.7          | 79.1                         | 78.4         | 79.9         | 1.5          |
| Clydebank & Milngavie               | 74.6                         | 73.8         | 75.5         | 1.8          | 80.1                         | 79.4         | 80.9         | 1.6          |
| Clydesdale                          | 75.1                         | 74.3         | 75.9         | 1.6          | 79.5                         | 78.9         | 80.2         | 1.3          |
| Coatbridge & Chryston               | 74.2                         | 73.4         | 75.0         | 1.7          | 78.8                         | 78.1         | 79.6         | 1.5          |
| Cumbernauld & Kilsyth               | 75.8                         | 75.0         | 76.6         | 1.7          | 79.8                         | 79.0         | 80.6         | 1.6          |
| Cunninghame North                   | 75.3                         | 74.4         | 76.1         | 1.7          | 80.2                         | 79.4         | 80.9         | 1.5          |
| Cunninghame South                   | 72.5                         | 71.6         | 73.5         | 1.9          | 78.1                         | 77.2         | 78.9         | 1.7          |
| Dumbarton                           | 74.5                         | 73.7         | 75.3         | 1.7          | 79.4                         | 78.7         | 80.2         | 1.5          |
| Dumfries                            | 77.2                         | 76.4         | 78.0         | 1.6          | 80.9                         | 80.2         | 81.7         | 1.4          |
| Dundee East                         | 73.7                         | 72.7         | 74.7         | 1.9          | 80.1                         | 79.2         | 80.9         | 1.7          |
| Dundee West                         | 73.5                         | 72.6         | 74.5         | 1.9          | 78.7                         | 77.9         | 79.5         | 1.6          |
| Dunfermline East                    | 75.3                         | 74.4         | 76.1         | 1.7          | 79.9                         | 79.1         | 80.8         | 1.7          |
| Dunfermline West                    | 76.8                         | 76.0         | 77.6         | 1.6          | 80.8                         | 80.1         | 81.5         | 1.4          |
| East Kilbride                       | 76.4                         | 75.7         | 77.1         | 1.4          | 80.8                         | 80.1         | 81.5         | 1.3          |
| East Lothian                        | 76.6                         | 75.8         | 77.4         | 1.6          | 81.1                         | 80.5         | 81.8         | 1.3          |
| Eastwood                            | 77.8                         | 77.1         | 78.6         | 1.5          | 82.0                         | 81.3         | 82.7         | 1.4          |
| Edinburgh Central                   | 76.0                         | 75.2         | 76.9         | 1.7          | 80.8                         | 79.9         | 81.7         | 1.7          |
| Edinburgh East & Musselburgh        | 74.6                         | 73.7         | 75.5         | 1.8          | 80.8                         | 80.0         | 81.6         | 1.6          |
| Edinburgh North & Leith             | 76.1                         | 75.3         | 76.9         | 1.6          | 79.9                         | 79.1         | 80.7         | 1.6          |
| Edinburgh Pentlands                 | 79.2                         | 78.4         | 80.0         | 1.6          | 84.2                         | 83.5         | 84.9         | 1.4          |
| Edinburgh South                     | 76.9                         | 76.1         | 77.7         | 1.6          | 80.9                         | 80.2         | 81.6         | 1.4          |
| Edinburgh West                      | 78.0                         | 77.2         | 78.8         | 1.5          | 82.5                         | 81.8         | 83.2         | 1.4          |
| Falkirk East                        | 76.4                         | 75.6         | 77.2         | 1.5          | 79.8                         | 79.2         | 80.5         | 1.3          |
| Falkirk West                        | 75.5                         | 74.7         | 76.3         | 1.6          | 79.7                         | 79.1         | 80.4         | 1.3          |
| Galloway & Upper Nithsdale          | 76.3                         | 75.4         | 77.2         | 1.9          | 80.3                         | 79.5         | 81.1         | 1.6          |
| Glasgow Anniesland                  | 72.7                         | 71.9         | 73.6         | 1.7          | 77.5                         | 76.7         | 78.3         | 1.6          |

|                                  | Males       |        |       |           | Females     |        |       |           |
|----------------------------------|-------------|--------|-------|-----------|-------------|--------|-------|-----------|
|                                  | Expectation | Lower  | Upper | length of | Expectation | Lower  | Upper | length of |
|                                  | of Life at  |        |       |           | of Life at  |        |       |           |
| Birth                            | 95% CI      | 95% CI | CI    | Birth     | 95% CI      | 95% CI | CI    |           |
| Glasgow Baillieston              | 71.6        | 70.7   | 72.5  | 1.9       | 77.8        | 77.0   | 78.6  | 1.7       |
| Glasgow Cathcart                 | 72.8        | 71.9   | 73.6  | 1.7       | 79.0        | 78.1   | 79.8  | 1.7       |
| Glasgow Govan                    | 70.8        | 69.9   | 71.7  | 1.8       | 77.3        | 76.4   | 78.2  | 1.8       |
| Glasgow Kelvin                   | 72.7        | 71.7   | 73.7  | 2.0       | 78.1        | 77.2   | 79.1  | 2.0       |
| Glasgow Maryhill                 | 69.2        | 68.2   | 70.1  | 1.9       | 75.9        | 75.0   | 76.7  | 1.7       |
| Glasgow Pollock                  | 72.3        | 71.4   | 73.2  | 1.7       | 78.3        | 77.5   | 79.1  | 1.6       |
| Glasgow Rutherglen               | 73.6        | 72.7   | 74.5  | 1.7       | 79.7        | 79.0   | 80.5  | 1.5       |
| Glasgow Shettleston              | 68.2        | 67.3   | 69.1  | 1.8       | 76.5        | 75.5   | 77.4  | 1.9       |
| Glasgow Springburn               | 69.5        | 68.6   | 70.4  | 1.7       | 76.6        | 75.8   | 77.4  | 1.6       |
| Gordon                           | 78.6        | 77.9   | 79.4  | 1.5       | 81.8        | 81.2   | 82.5  | 1.4       |
| Greenock & Inverclyde            | 72.9        | 71.9   | 73.9  | 2.0       | 79.0        | 78.0   | 80.0  | 1.9       |
| Hamilton North & Bellshill       | 73.9        | 73.1   | 74.7  | 1.6       | 79.3        | 78.6   | 80.1  | 1.4       |
| Hamilton South                   | 73.6        | 72.8   | 74.5  | 1.8       | 78.7        | 78.0   | 79.5  | 1.5       |
| Inverness East, Nairn & Lochaber | 76.9        | 76.2   | 77.7  | 1.5       | 81.5        | 80.9   | 82.2  | 1.3       |
| Kilmarnock & Loudoun             | 74.8        | 74.0   | 75.6  | 1.7       | 79.1        | 78.3   | 79.9  | 1.5       |
| Kirkcaldy                        | 75.1        | 74.2   | 76.0  | 1.8       | 79.7        | 78.9   | 80.5  | 1.6       |
| Linlithgow                       | 75.5        | 74.8   | 76.3  | 1.5       | 79.3        | 78.6   | 80.0  | 1.4       |
| Livingston                       | 76.5        | 75.7   | 77.2  | 1.6       | 80.2        | 79.6   | 80.9  | 1.4       |
| Midlothian                       | 75.9        | 75.1   | 76.8  | 1.7       | 80.8        | 80.1   | 81.5  | 1.4       |
| Moray                            | 76.7        | 75.9   | 77.5  | 1.6       | 80.9        | 80.2   | 81.6  | 1.5       |
| Motherwell & Wishaw              | 72.4        | 71.5   | 73.3  | 1.8       | 78.5        | 77.7   | 79.3  | 1.6       |
| North East Fife                  | 78.6        | 77.8   | 79.3  | 1.5       | 82.1        | 81.3   | 82.9  | 1.6       |
| North Tayside                    | 77.8        | 77.0   | 78.6  | 1.6       | 81.0        | 80.3   | 81.7  | 1.4       |
| Ochil                            | 76.1        | 75.3   | 76.9  | 1.6       | 81.5        | 80.8   | 82.2  | 1.4       |
| Orkney Islands                   | 75.5        | 73.9   | 77.2  | 3.3       | 81.7        | 80.5   | 82.9  | 2.4       |
| Paisley North                    | 71.8        | 70.7   | 72.8  | 2.1       | 78.6        | 77.8   | 79.4  | 1.6       |
| Paisley South                    | 72.5        | 71.6   | 73.4  | 1.8       | 78.1        | 77.4   | 78.8  | 1.5       |
| Perth                            | 78.1        | 77.4   | 78.8  | 1.5       | 81.2        | 80.5   | 81.9  | 1.4       |
| Ross, Skye & Inverness West      | 75.8        | 75.0   | 76.7  | 1.7       | 81.9        | 81.2   | 82.6  | 1.4       |
| Roxburgh & Berwickshire          | 76.6        | 75.7   | 77.5  | 1.9       | 81.1        | 80.3   | 81.9  | 1.6       |
| Shetland Islands                 | 76.2        | 74.5   | 77.9  | 3.4       | 81.8        | 80.2   | 83.4  | 3.2       |
| Stirling                         | 77.1        | 76.3   | 78.0  | 1.8       | 81.9        | 81.2   | 82.6  | 1.4       |
| Strathkelvin & Bearsden          | 77.8        | 77.0   | 78.7  | 1.6       | 82.4        | 81.7   | 83.0  | 1.3       |
| Tweeddale, Ettrick & Lauderdale  | 78.2        | 77.4   | 79.1  | 1.7       | 81.7        | 81.0   | 82.4  | 1.4       |
| West Aberdeenshire & Kincardine  | 79.7        | 79.0   | 80.4  | 1.4       | 82.0        | 81.4   | 82.7  | 1.3       |
| West Renfrewshire                | 76.9        | 76.0   | 77.7  | 1.6       | 80.9        | 80.1   | 81.7  | 1.5       |
| Western Isles                    | 73.5        | 72.1   | 74.9  | 2.9       | 82.0        | 80.8   | 83.1  | 2.3       |

<sup>1</sup> Please note that the Scotland-level life expectancy estimate shown here is for use only as a comparator for the corresponding sub-Scotland-level figures. The definitive Scotland-level life expectancy estimate (based on interim life tables) is published by the Office for National Statistics:

[National Statistics Online - Interim Life tables](#)