

# Life Expectancy

*Life Expectancy at Birth and Healthy Life Expectancy at Birth by sex – 2014/16*

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Commissioning Support & Business Intelligence Service

*Data, Insight, Business Intelligence, & Performance*

## Document Control

### Issue/Amendment Record

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### Document Ownership

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|-------------------|--|
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### Distribution

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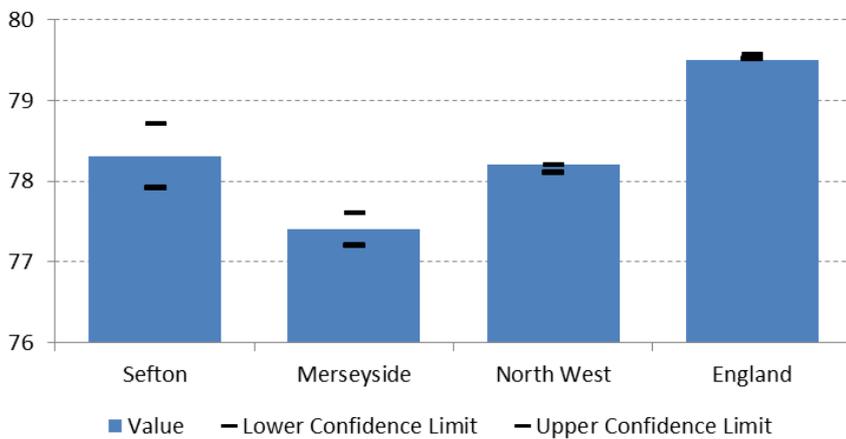
**Life Expectancy (at Birth)**

Public Health England describes life expectancy at birth as the average number of years a person would expect to live based on contemporary mortality rates. For a particular area and time period, it is an estimate of the average number of years a newborn baby would survive if he or she experienced the age-specific mortality rates for that area and time period throughout his or her life. Figures are calculated from deaths from all causes and mid-year population estimates, based on data aggregated over a three year period. Figures reflect mortality among those living in an area in each time period, rather than what will be experienced throughout life among those born in the area. The figures are not therefore the number of years a baby born in the area could actually expect to live, both because the mortality rates of the area are likely to change in the future and because many of those born in the area will live elsewhere for at least some part of their lives. *Public Health Profiles*

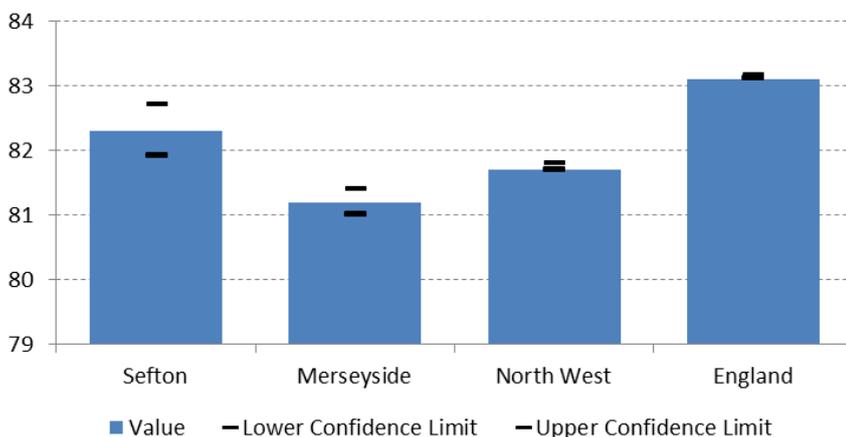
| Life Expectancies at Birth - Males |       |                        |                        |
|------------------------------------|-------|------------------------|------------------------|
| Area                               | Value | Lower Confidence Limit | Upper Confidence Limit |
| Sefton                             | 78.3  | 77.9                   | 78.7                   |
| Merseyside                         | 77.4  | 77.2                   | 77.6                   |
| North West                         | 78.2  | 78.1                   | 78.2                   |
| England                            | 79.5  | 79.5                   | 79.6                   |

| Life Expectancies at Birth - Females |       |                        |                        |
|--------------------------------------|-------|------------------------|------------------------|
| Area                                 | Value | Lower Confidence Limit | Upper Confidence Limit |
| Sefton                               | 82.3  | 81.9                   | 82.7                   |
| Merseyside                           | 81.2  | 81.0                   | 81.4                   |
| North West                           | 81.7  | 81.7                   | 81.8                   |
| England                              | 83.1  | 83.1                   | 83.2                   |

**Life Expectancies at Birth - Males**



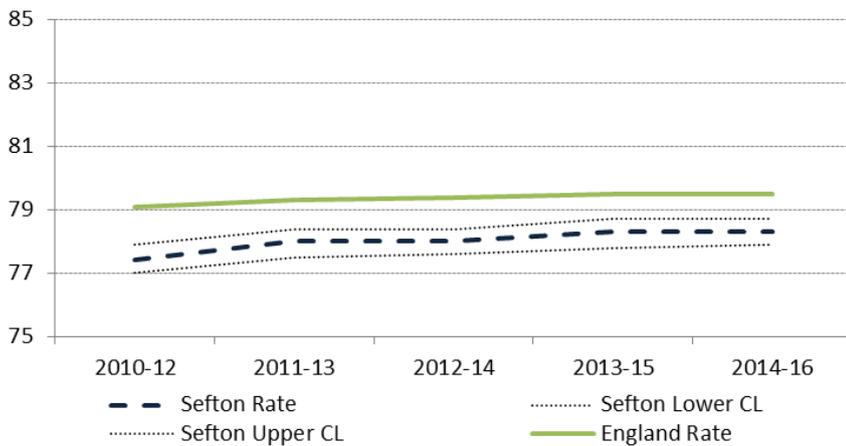
**Life Expectancies at Birth - Females**



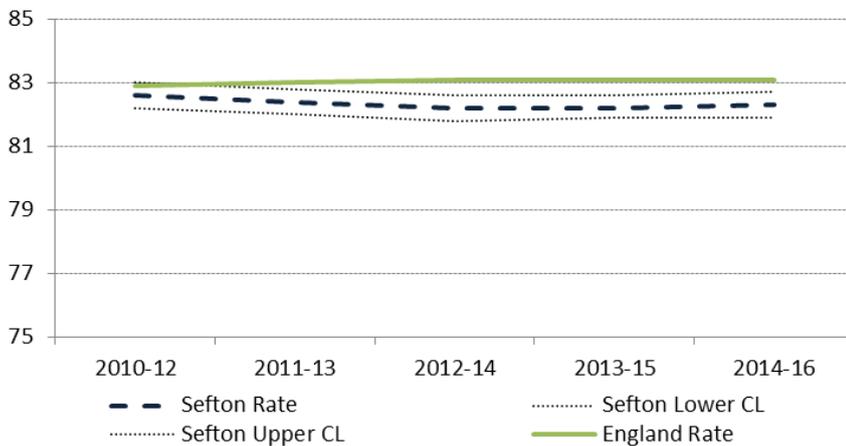
| Life Expectancy at Birth (Male) |        |          |          |         |
|---------------------------------|--------|----------|----------|---------|
| Period                          | Sefton |          |          | England |
|                                 | Rate   | Lower CL | Upper CL | Rate    |
| 2010-12                         | 77.4   | 77.0     | 77.9     | 79.1    |
| 2011-13                         | 78.0   | 77.5     | 78.4     | 79.3    |
| 2012-14                         | 78.0   | 77.6     | 78.4     | 79.4    |
| 2013-15                         | 78.3   | 77.8     | 78.7     | 79.5    |
| 2014-16                         | 78.3   | 77.9     | 78.7     | 79.5    |

| Life Expectancy at Birth (Female) |        |          |          |         |
|-----------------------------------|--------|----------|----------|---------|
| Period                            | Sefton |          |          | England |
|                                   | Rate   | Lower CL | Upper CL | Rate    |
| 2010-12                           | 82.6   | 82.2     | 83.0     | 82.9    |
| 2011-13                           | 82.4   | 82.0     | 82.8     | 83.0    |
| 2012-14                           | 82.2   | 81.8     | 82.6     | 83.1    |
| 2013-15                           | 82.2   | 81.9     | 82.6     | 83.1    |
| 2014-16                           | 82.3   | 81.9     | 82.7     | 83.1    |

**Life Expectancy at Birth (Male)**



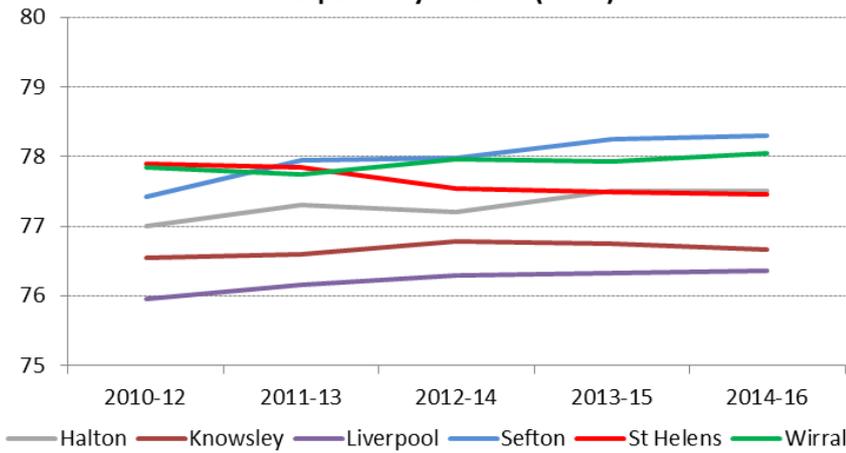
**Life Expectancy at Birth (Female)**



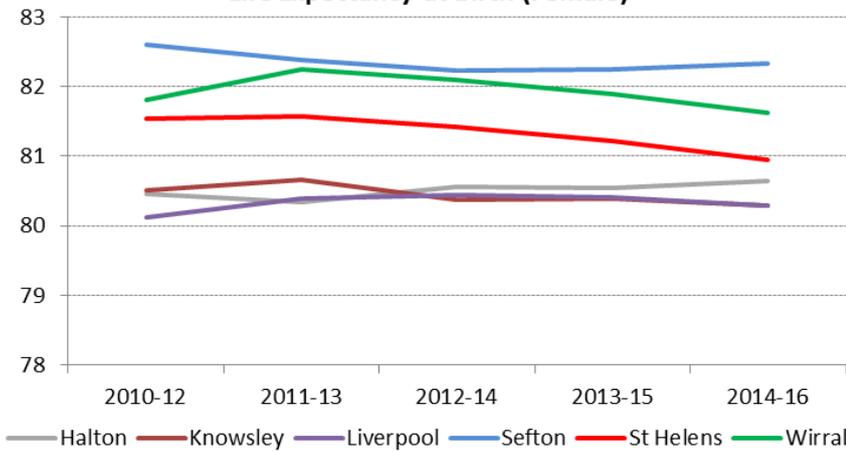
| Life Expectancy at Birth (Male) |        |          |           |        |           |        |
|---------------------------------|--------|----------|-----------|--------|-----------|--------|
|                                 | Halton | Knowsley | Liverpool | Sefton | St Helens | Wirral |
| 2010-12                         | 77.0   | 76.5     | 76.0      | 77.4   | 77.9      | 77.8   |
| 2011-13                         | 77.3   | 76.6     | 76.2      | 78.0   | 77.9      | 77.7   |
| 2012-14                         | 77.2   | 76.8     | 76.3      | 78.0   | 77.5      | 78.0   |
| 2013-15                         | 77.5   | 76.8     | 76.3      | 78.3   | 77.5      | 77.9   |
| 2014-16                         | 77.5   | 76.7     | 76.4      | 78.3   | 77.5      | 78.1   |

| Life Expectancy at Birth (Female) |        |          |           |        |           |        |
|-----------------------------------|--------|----------|-----------|--------|-----------|--------|
|                                   | Halton | Knowsley | Liverpool | Sefton | St Helens | Wirral |
| 2010-12                           | 80.4   | 80.5     | 80.1      | 82.6   | 81.5      | 81.8   |
| 2011-13                           | 80.3   | 80.7     | 80.4      | 82.4   | 81.6      | 82.3   |
| 2012-14                           | 80.6   | 80.4     | 80.4      | 82.2   | 81.4      | 82.1   |
| 2013-15                           | 80.5   | 80.4     | 80.4      | 82.2   | 81.2      | 81.9   |
| 2014-16                           | 80.6   | 80.3     | 80.3      | 82.3   | 81.0      | 81.6   |

**Life Expectancy at Birth (Male)**



**Life Expectancy at Birth (Female)**



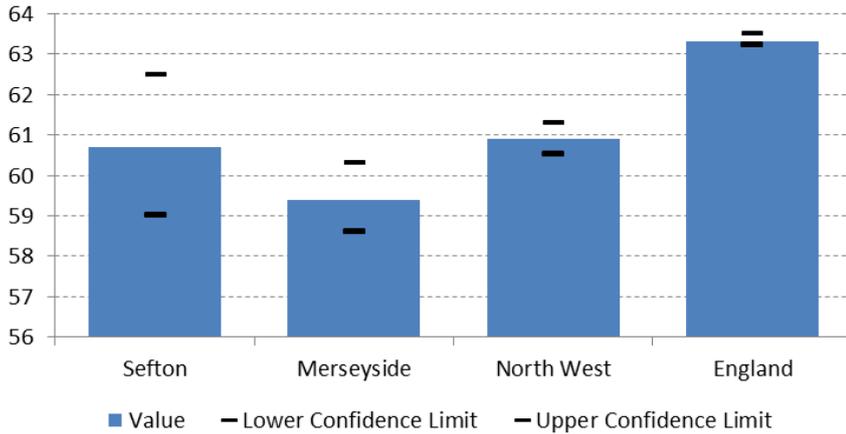
**Healthy Life Expectancy**

Public Health England describes health life expectancy at birth as a measure of the average number of years a person would expect to live in good health based on contemporary mortality rates and prevalence of self-reported good health. The prevalence of good health is derived from responses to a survey question on general health. For a particular area and time period, it is an estimate of the average number of years a newborn baby would live in good general health if he or she experienced the age-specific mortality rates and prevalence of good health for that area and time period throughout his or her life. Figures are calculated from deaths from all causes, mid-year population estimates, and self-reported general health status, based on data aggregated over a three year period. Figures reflect the prevalence of good health and mortality among those living in an area in each time period, rather than what will be experienced throughout life among those born in the area. The figures are not therefore the number of years a baby born in the area could actually expect to live in good general health, both because the health prevalence and mortality rates of the area are likely to change in the future and because many of those born in the area will live elsewhere for at least some part of their lives.” Public Health Profiles

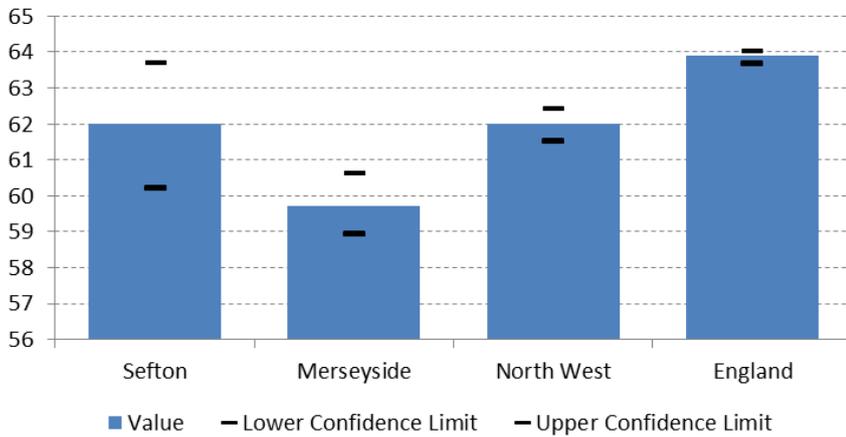
| Healthy Life Expectancies at Birth - Males |       |                        |                        |
|--|-------|------------------------|------------------------|
| Area                                       | Value | Lower Confidence Limit | Upper Confidence Limit |
| Sefton                                     | 60.7  | 59                     | 62.5                   |
| Merseyside                                 | 59.4  | 58.6                   | 60.3                   |
| North West                                 | 60.9  | 60.5                   | 61.3                   |
| England                                    | 63.3  | 63.2                   | 63.5                   |

| Healthy Life Expectancies at Birth - Females |       |                        |                        |
|--|-------|------------------------|------------------------|
| Area   | Value | Lower Confidence Limit | Upper Confidence Limit |
| Sefton                                       | 62.0  | 60.2                   | 63.7                   |
| Merseyside                                   | 59.7  | 58.9                   | 60.6                   |
| North West                                   | 62.0  | 61.5                   | 62.4                   |
| England                                      | 63.9  | 63.7                   | 64.0                   |

Healthy Life Expectancies at Birth - Males



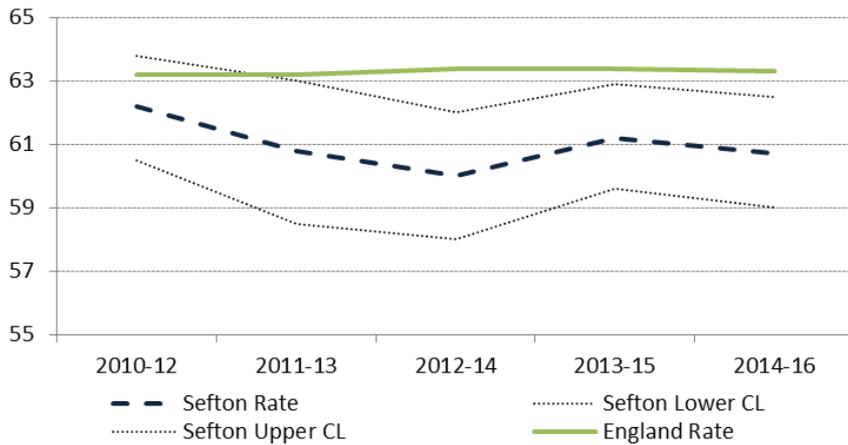
Healthy Life Expectancies at Birth - Females



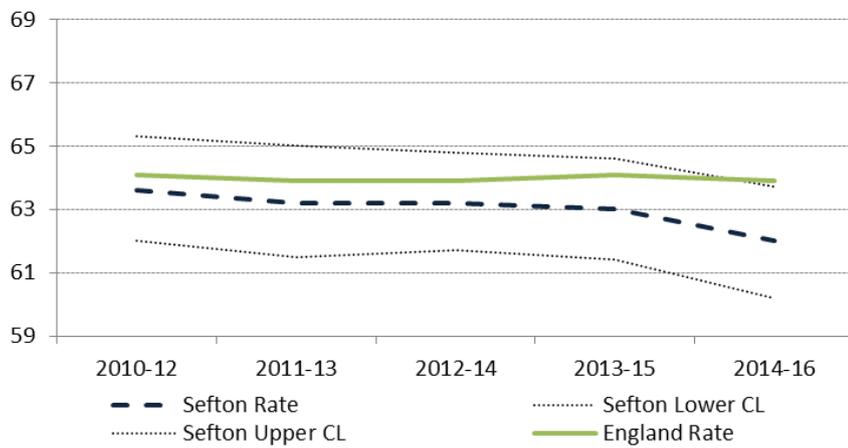
| Healthy Life Expectancy at Birth (Male) |        |          |          |         |
|---|--------|----------|----------|---------|
| Period                                  | Sefton |          |          | England |
|   | Rate   | Lower CL | Upper CL | Rate    |
| 2010-12                                 | 62.2   | 60.5     | 63.8     | 63.2    |
| 2011-13                                 | 60.8   | 58.5     | 63.0     | 63.2    |
| 2012-14                                 | 60.0   | 58.0     | 62.0     | 63.4    |
| 2013-15                                 | 61.2   | 59.6     | 62.9     | 63.4    |
| 2014-16                                 | 60.7   | 59.0     | 62.5     | 63.3    |

| Healthy Life Expectancy at Birth (Female) |        |          |          |         |
|---|--------|----------|----------|---------|
| Period                                    | Sefton |          |          | England |
|   | Rate   | Lower CL | Upper CL | Rate    |
| 2010-12                                   | 63.6   | 62.0     | 65.3     | 64.1    |
| 2011-13                                   | 63.2   | 61.5     | 65.0     | 63.9    |
| 2012-14                                   | 63.2   | 61.7     | 64.8     | 63.9    |
| 2013-15                                   | 63.0   | 61.4     | 64.6     | 64.1    |
| 2014-16                                   | 62.0   | 60.2     | 63.7     | 63.9    |

**Healthy Life Expectancy at Birth (Male)**



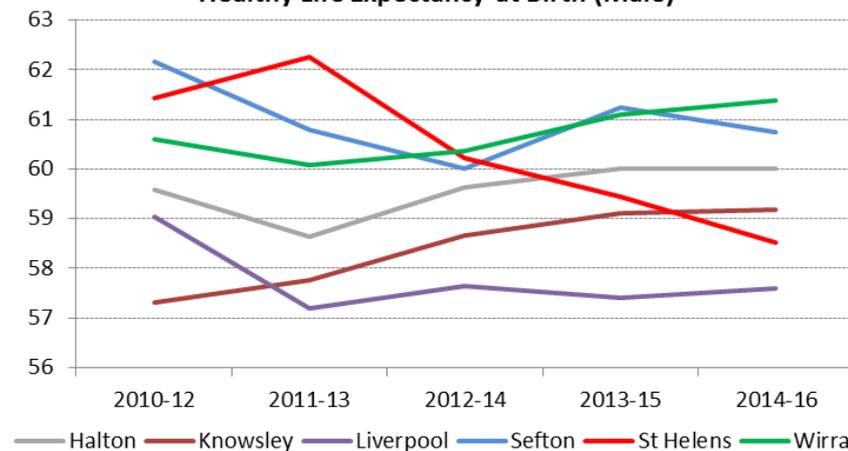
**Healthy Life Expectancy at Birth (Female)**

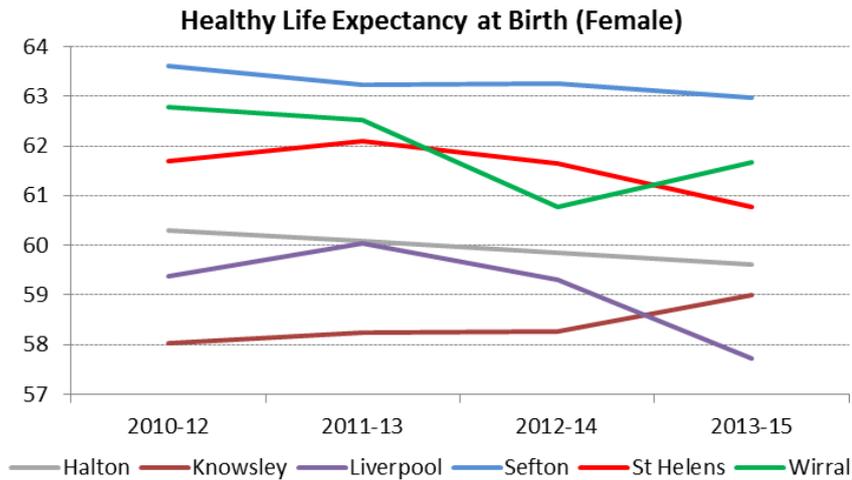


| Healthy Life Expectancy at Birth (Male) |        |          |           |        |           |        |
|---|--------|----------|-----------|--------|-----------|--------|
|   | Halton | Knowsley | Liverpool | Sefton | St Helens | Wirral |
| 2010-12                                 | 59.6   | 57.3     | 59.0      | 62.2   | 61.4      | 60.6   |
| 2011-13                                 | 58.6   | 57.8     | 57.2      | 60.8   | 62.3      | 60.1   |
| 2012-14                                 | 59.6   | 58.7     | 57.7      | 60.0   | 60.2      | 60.4   |
| 2013-15                                 | 60.0   | 59.1     | 57.4      | 61.2   | 59.4      | 61.1   |
| 2014-16                                 | 60.0   | 59.2     | 57.6      | 60.7   | 58.5      | 61.4   |

| Healthy Life Expectancy at Birth (Female) |        |          |           |        |           |        |
|---|--------|----------|-----------|--------|-----------|--------|
|   | Halton | Knowsley | Liverpool | Sefton | St Helens | Wirral |
| 2010-12                                   | 60.3   | 58.0     | 59.4      | 63.6   | 61.7      | 62.8   |
| 2011-13                                   | 60.1   | 58.2     | 60.0      | 63.2   | 62.1      | 62.5   |
| 2012-14                                   | 59.8   | 58.3     | 59.3      | 63.2   | 61.7      | 60.8   |
| 2013-15                                   | 59.6   | 59.0     | 57.7      | 63.0   | 60.8      | 61.7   |
| 2014-16                                   | 59.7   | 58.8     | 58.2      | 62.0   | 59.4      | 60.3   |

**Healthy Life Expectancy at Birth (Male)**





Life expectancy (LE) at birth in 2014-16 has remained stable for males and increased slightly for females in Sefton. Life expectancy at birth in Sefton is 82.3 years for females and 78.3 years for males.

The gap between male and female life expectancy has decreased overall, across the last five time periods in Sefton. In 2014-16, the difference between male and female life expectancy in Sefton was 4 years, with the 2010-12, the difference between Sefton's male and female life expectancy being 5.2 years. However, there has been a minimal increase (0.1 years) when comparing the current period to 2013-15.

Sefton male residents have a worse LE than that seen nationally, yet it is better than the expectancy seen across Merseyside (and similar to that seen regionally). Females have a worse expectancy than that nationally but are better than both the North West and Merseyside.

The male healthy life expectancy (HLE) at birth for Sefton (60.7) is significantly lower than the England average (63.3) but not significantly different to the North West (60.9). There is a gap of nearly 18 years between male LE and HLE in Sefton meaning an estimated 18 years will be spent in 'Not Good' health.

The Sefton HLE at birth for females is higher than the male HLE at 62.0. However females in Sefton are estimated to spend over two more years of their life in 'not good' health than men. The difference between LE and HLE for females is 20. The Sefton HLE at birth for females has become significantly different to the England in 2014-16 (for the first time in the last six years), there remains no significant difference between Sefton and the North West averages.

Again, males residing within Sefton have a worse HLE than that of England, are similar to the regional levels and better than that across the county, with females, also being worse than the national yet better than Merseyside and similar to the North West.