

**Professor Sir Ian Diamond | National Statistician**

Colleen Fletcher MP  
House of Commons  
London  
SW1A 0AA

24 January 2022

Dear Ms Fletcher,

As National Statistician and Chief Executive of the UK Statistics Authority, I am responding to your Parliamentary Question asking what assessment has been made of trends in life expectancy in (a) Coventry North East, (b) Coventry, (c) the West Midlands and (d) England in the last ten years (**108538**).

The Office for National Statistics (ONS) publish sub-national life expectancies for local areas of the United Kingdom<sup>1</sup>, which includes estimates for Coventry Unitary Authority (UA), the West Midlands Region and the West Midlands Combined Authority. The ONS does not publish figures for parliamentary constituencies as standard within this release, so we are unable to provide estimates over the past ten years for the parliamentary constituency of Coventry North East.

Table 1 shows life expectancy at birth for male and female residents of Coventry UA, the West Midlands Region, the West Midlands Combined Authority and England in the period 2009 to 2011. Table 2 shows life expectancy at birth for male and female residents of Coventry UA, the West Midlands Region, the West Midlands Combined Authority and England in the period 2018 to 2020.

Over the past 10 years, life expectancy increased in Coventry UA, West Midlands Region and in England, but decreased in the West Midlands Combined Authority.

In 2009 to 2011 female life expectancy at birth in Coventry UA was 81.72 years, increasing by 0.25 years to 81.97 years in 2018 to 2020; male life expectancy at birth in Coventry UA in 2009 to 2011 was 77.48, increasing by 0.49 years to 77.97 years in 2018 to 2020, but these increases were not statistically significant<sup>2</sup>.

In 2009 to 2011 female life expectancy at birth in the West Midlands Region was 82.42 years, increasing by 0.09 years to 82.51 years in 2018 to 2020; male life expectancy at birth in the West Midlands Region in 2009 to 2011 was 78.31 years, increasing by 0.23 years to 78.54 years in 2018 to 2020; for males a statistically significant increase occurred.

In 2009 to 2011 female life expectancy at birth in the West Midlands Combined Authority was 82.01 years, decreasing by 0.14 years to 81.87 years in 2018 to 2020; male life expectancy at birth in the West Midlands Combined Authority in 2009 to 2011 was 77.59

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<sup>1</sup> [Life expectancy for local areas of the UK: between 2001 to 2003 and 2018 to 2020](#)

<sup>2</sup> Statistical significance means the differences between the time periods 2009 to 2011 and 2018 to 2020 are unlikely to be a result of random fluctuation. We have determined this on the basis of non-overlapping 95% confidence intervals.

years, falling by 0.04 years to 77.55 years in 2018 to 2020; these decreases were not statistically significant.

In 2009 to 2011 female life expectancy at birth in England was 82.71 years, increasing by 0.43 years to 83.14 years in 2018 to 2020; male life expectancy at birth in England in 2009 to 2011 was 78.78 years, increasing by 0.62 years to 79.40 years in 2018 to 2020; these increases were statistically significant.

Yours sincerely,



**Professor Sir Ian Diamond**

**Table 1: Life Expectancy at birth by sex between 2009 to 2011 for Coventry UA, West Midlands Region, West Midlands Combined Authority and England**

Area name	Sex	Life expectancy (LE)	lower confidence interval	upper confidence interval
Coventry	Female	81.72	81.32	82.12
	Male	77.48	77.06	77.90
West Midlands Region	Female	82.42	82.33	82.51
	Male	78.31	78.21	78.40
West Midlands Combined Authority	Female	82.01	81.88	82.15
	Male	77.59	77.45	77.73
England	Female	82.71	82.68	82.74
	Male	78.78	78.75	78.81

*Source: Office for National Statistics*

**Table 2: Life Expectancy at birth by sex between 2018 to 2020 for Coventry UA, West Midlands Region, West Midlands Combined Authority and England**

Area name	Sex	Life expectancy (LE)	lower confidence interval	upper confidence interval
Coventry	Female	81.97	81.61	82.34
	Male	77.97	77.59	78.35
West Midlands Region	Female	82.51	82.42	82.60
	Male	78.54	78.45	78.63
West Midlands Combined Authority	Female	81.87	81.74	81.99
	Male	77.55	77.42	77.69

<b>England</b>	<b>Female</b>	83.14	83.12	83.17
	<b>Male</b>	79.40	79.37	79.43

*Source: Office for National Statistics*