
Subject: Life expectancy 2018-2020
Date of report: 27 January 2022

Background

This report describes life expectancy in Jersey for the period 2018-2020 and compares this to historical data to look at trends over time as well as to neighbouring jurisdictions.

Period life expectancy (LE) at a given age for an area is the average number of years a person would live, if he or she experienced the particular area's age-specific mortality rates for that time period throughout his or her life.

What the data is telling us?

From 2010 increases in life expectancy slowed after decades of steady improvement.

By 2018-2020, provisional life expectancy at birth in Jersey had increased to 81.4 years for males and 85.2 years for females.

Despite the Covid-19 pandemic, 2020 saw the lowest number of annual deaths since 2014, which therefore led to a small increase in life expectancy in Jersey in 2018-2020.

The life expectancy gender gap at birth narrowed from 4.5 years in 2010-2012 to 3.8 years in 2018-2020.

Life expectancy

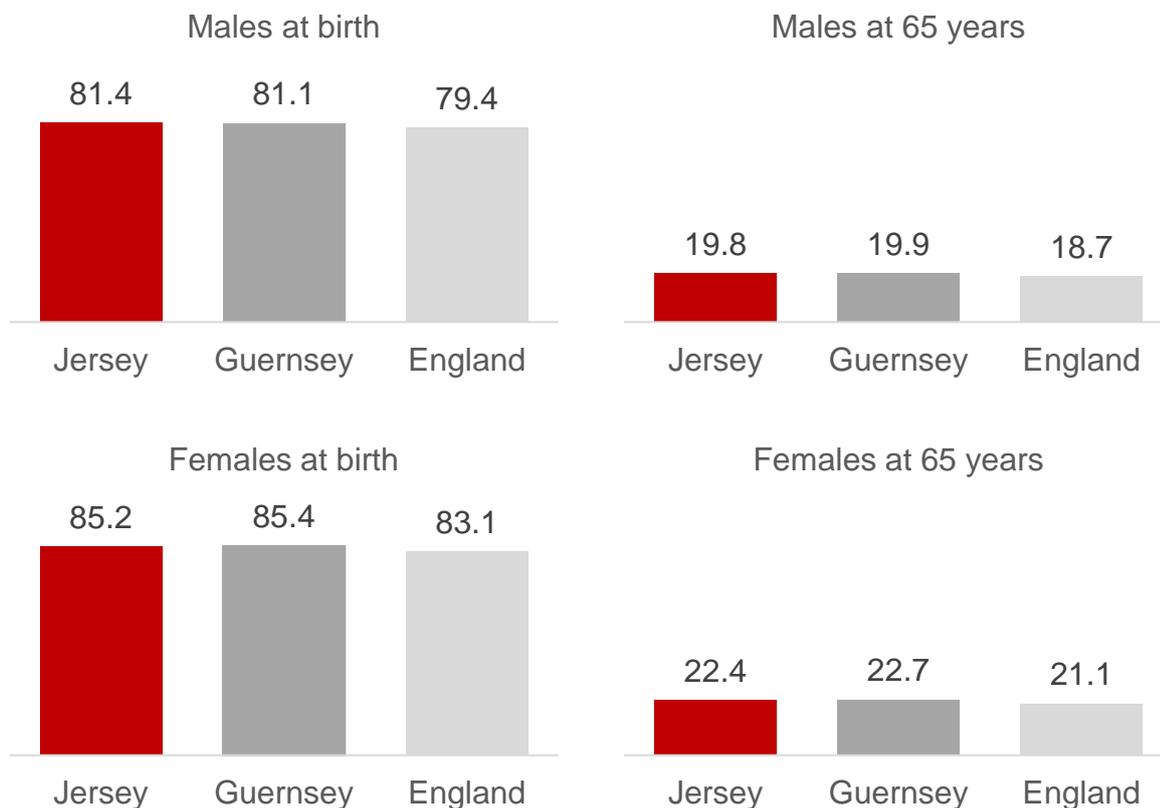
Life expectancy has seen a gradual increase in Jersey since the beginning of the decade, and by 2018-2020, life expectancy at birth in Jersey had increased to 83.3 years. New-born males in Jersey could expect to live, on average to age 81.4 years if the current age-specific mortality rates applied to them throughout their life. New-born females could expect to live, on average, for four years longer (85.2 years). This represents an increase of 0.8 years for males and 0.3 years for females from the latest non-overlapping period of 2015-2017.

Life expectancy at 65¹ years in Jersey had increased to 21.2 years. On average, a 65-year-old male could expect to live for 19.8 more years, and a 65-year-old female could expect to live for 22.4 more years. The estimates for males are similar to those for the latest non-overlapping period of 2015-2017, while in the same period there has been an increase of 0.4 years for females.

In 2018-2020, life expectancy was similar in Jersey and Guernsey. Over the past decade, life expectancy has generally been higher in Jersey than in England, for both males and females – Figure 1.

¹ Based on abridged life table methodology (calculated for the 65-69 age group)

Figure 1: Period life expectancy (average mean age at death), Jersey (2018-2020), Guernsey 2018-2020² versus England (2018-2020)³



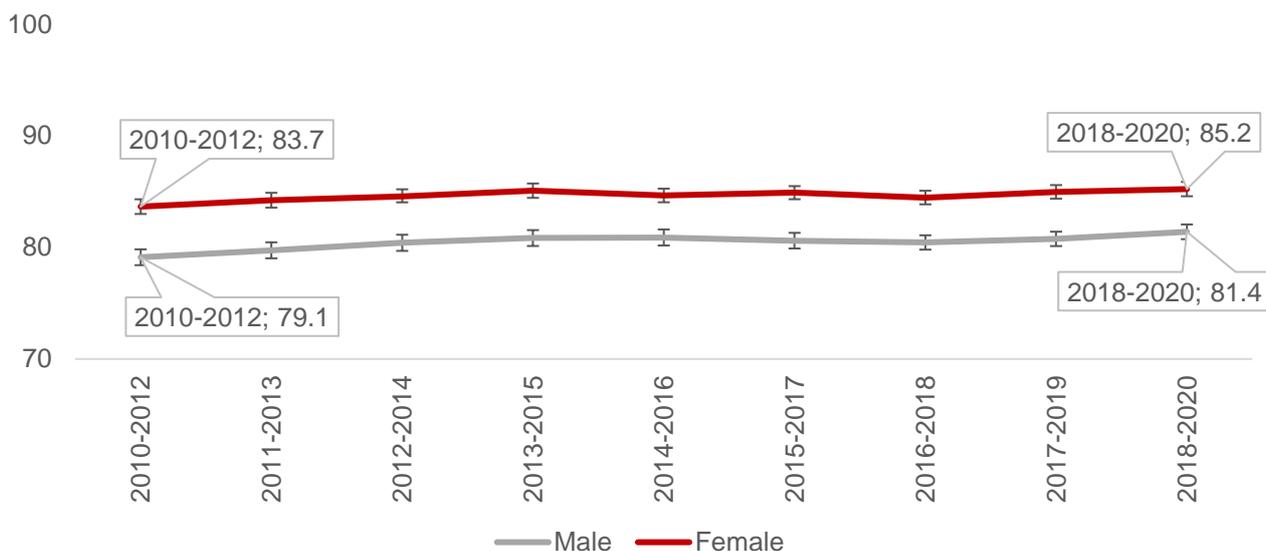
Note: The statistical uncertainty on the at-birth life expectancy figures are available in Appendix Table 1

Life expectancy across time

Jersey has seen a plateauing in life expectancy in the past ten years. While life expectancy for both males and females had increased slightly at the beginning of the decade, there followed fluctuations which saw declines then rises. However, life expectancy was higher in 2018-2020, than 2010-2012 – Figure 2.

The improvement in life expectancy observed in Jersey during 2018-2020 coincided with lower excess deaths and lower mortality involving COVID-19, compared with other jurisdictions.

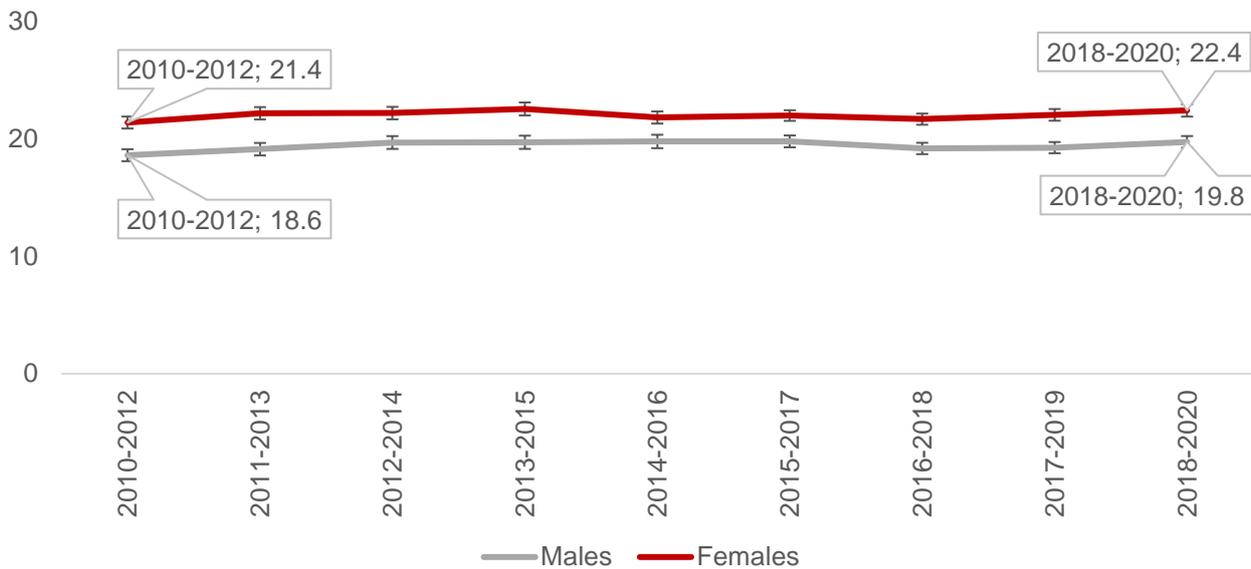
Figure 2: Jersey life expectancy at-birth for males and females over the current decade



² Guernsey facts and figures 2021

³ [National life tables: England - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk/national-life-tables)

Figure 3: Jersey life expectancy at 65 years for males and females over the current decade



Life expectancy comparison with English Regions⁴ – see Appendix Table 2

- Jersey had the highest regional life expectancy at birth for both Males and Females in 2018-2020 compared to all the English regions. The lowest regional life expectancy for both males and females in 2018-2020 was observed in the North East of England
- females living in Jersey had a life expectancy at birth exceeding 85 years, with Jersey exceeding the North East region by over three years
- males living in Jersey and the four most southerly regions of England had life expectancies at birth exceeding 80 years, whereas regions of the midlands and the north fell short of 80 years; Jersey exceeded the North East region by almost four years
- a woman at the age of 65 living in Jersey could expect to live a further 22.4 years on average, while the corresponding figure for the North East was a further 20.0 years
- a man at the age of 65 living in Jersey could expect to live a further 19.8 years on average, two more years than the corresponding figure for the North East
- life expectancy at birth was higher in Jersey than the South West, but was similar at 65 years

Notes

1. Period life expectancy is the average number of additional years a person can be expected to live for if he or she experiences the age-specific mortality rates of the given area and time period for the rest of his or her life.
2. Jersey’s age-specific mortality rates (ASMRs) are applied to estimates of Jersey’s population by age and gender using an abridged life table methodology. Abridged life tables (based on five-year age groups) were constructed using standard methods. Separate tables were constructed for males and females using numbers of deaths registered in calendar years and annual mid-year population estimates. The figures presented here are three-year rolling averages.
3. Due to small numbers underlying both ASMRs and health status by age, data from three years (2018, 2019 and 2020) are aggregated to calculate life expectancies. The populations for 2018-2020 are based on the Statistics Jersey mid-year population estimates for 2018, 2019 and a projected figure for 2020.
4. Please note that the data in this report is provisional. Statistics Jersey are due to release revised population estimates from data collected for the 2021 Census; the life expectancy tables will be updated accordingly.

⁴ [Life expectancy estimates, all ages, UK - Office for National Statistics \(ons.gov.uk\)](https://www.ons.gov.uk/lifeexpectancy/estimates/all-ages-uk)

Appendix

Appendix Table 1. Period life expectancy at birth and age 65 years in Jersey, Guernsey, and England, 2018-2020

Area Name	Life expectancy (LE)	LE lower confidence interval	LE upper confidence interval
Females at birth			
Jersey	85.2	84.6	85.9
Guernsey	85.4	84.6	86.2
England	83.1	83.1	83.2
Males at birth			
Jersey	81.4	80.7	82.1
Guernsey	81.1	80.2	82
England	79.4	79.4	79.4
Females at 65 years			
Jersey	22.4	21.9	23.0
Guernsey	22.7	22	23.3
England	21.1	21.1	21.2
Males at 65 years			
Jersey	19.8	19.3	20.3
Guernsey	19.9	19.2	20.5
England	18.7	18.7	18.7

Appendix Table 2. Period life expectancy at birth and age 65-69 years in Jersey and English Regions, 2018-2020

Area Name	Life expectancy (LE)	LE lower confidence interval	LE upper confidence interval
Females at birth			
Jersey	85.2	84.6	85.9
London	84.3	84.3	84.4
South East	84.1	84.1	84.2
South West	84.1	84.0	84.2
East of England	83.8	83.7	83.9
East Midlands	82.7	82.6	82.8
West Midlands	82.5	82.4	82.6
Yorkshire and The Humber	82.2	82.1	82.3
North West	81.7	81.6	81.8
North East	81.5	81.4	81.6
Males at birth			
Jersey	81.4	80.7	82.1
South East	80.6	80.5	80.7
London	80.3	80.2	80.4
South West	80.3	80.2	80.4
East of England	80.2	80.1	80.3
East Midlands	79.2	79.1	79.3
West Midlands	78.5	78.5	78.6
Yorkshire and The Humber	78.4	78.3	78.4
North West	77.9	77.9	78.0
North East	77.6	77.5	77.8
Females at 65-69 years			
Jersey	22.4	21.9	23.0
London	22.0	21.9	22.1
South West	21.9	21.8	21.9
South East	21.8	21.8	21.9
East of England	21.5	21.5	21.6
East Midlands	20.8	20.8	20.9
West Midlands	20.8	20.7	20.8
Yorkshire and The Humber	20.5	20.5	20.6
North West	20.2	20.1	20.2
North East	20.0	19.9	20.1
Males at 65-69 years			
Jersey	19.8	19.3	20.3
South East	19.4	19.4	19.4
South West	19.4	19.3	19.4
London	19.2	19.2	19.3
East of England	19.1	19.1	19.2
East Midlands	18.5	18.4	18.5
West Midlands	18.3	18.2	18.4
Yorkshire and The Humber	18.1	18.0	18.1
North West	17.9	17.9	18.0
North East	17.8	17.8	17.9