
Subject: Life expectancy 2017-2019
Date of report: 27 January 2022

Background

This report describes life expectancy in Jersey for the period 2017-2019 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 2017-2019, provisional life expectancy at birth in Jersey had increased to 80.8 years for males and 85.0 years for females.

There was a small increase in life expectancy in Jersey in 2017-2019.

The life expectancy gender gap at birth narrowed from 4.5 years in 2010-2012 to 4.2 years in 2017-2019.

Life expectancy

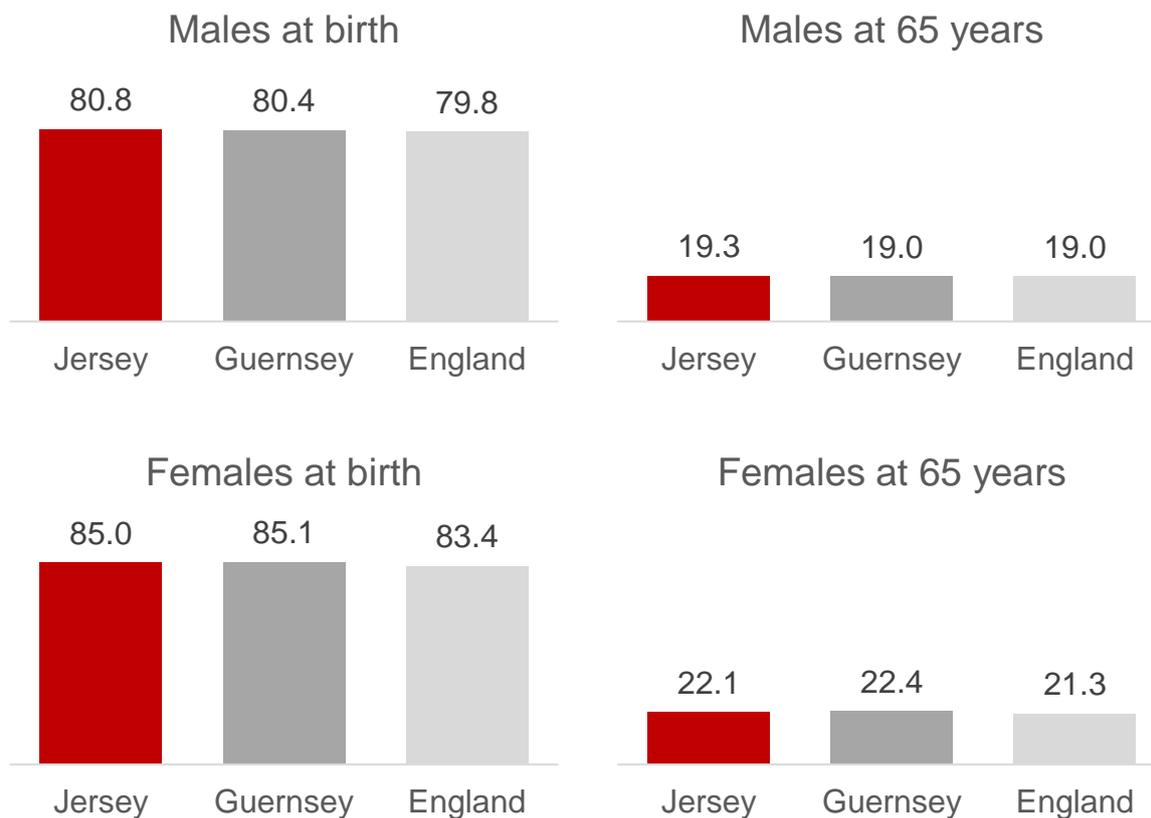
By 2017-2019, life expectancy at birth in Jersey had increased to 82.9 years. New-born males in Jersey could expect to live, on average, for 80.8 years if the current age-specific mortality rates applied to them throughout their life. New-born females could expect to live, on average, for four years longer (85.0 years).

Life expectancy at 65 years¹ in Jersey had increased to 20.7 years. On average, a 65-year-old male could expect to live for 19.3 more years, and a 65-year-old female could expect to live for 22.1 more years.

Each of these figures are similar to Guernsey, and higher than the most recent figures for England (see Figure 1).

¹ Based on abridged life table methodology (calculated for the 65-69 age group)
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Figure 1: Period life expectancy (average mean age at death), Jersey, Guernsey² and England³, 2017-2019



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 since the beginning of the decade. While Life expectancy for both males and females had increased slightly at the beginning of this period, there followed fluctuations where we saw declines then rises. However, life expectancy at birth and at age 65 was higher in 2017-2019, than 2010-2012 – Figures 2 and 3

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

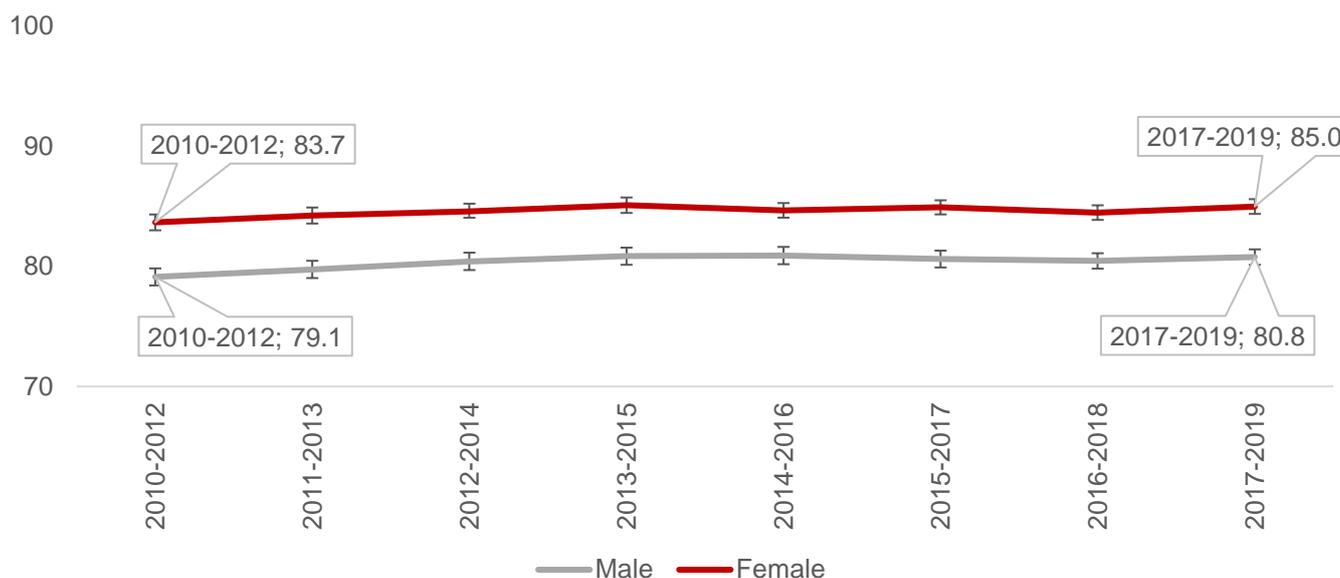
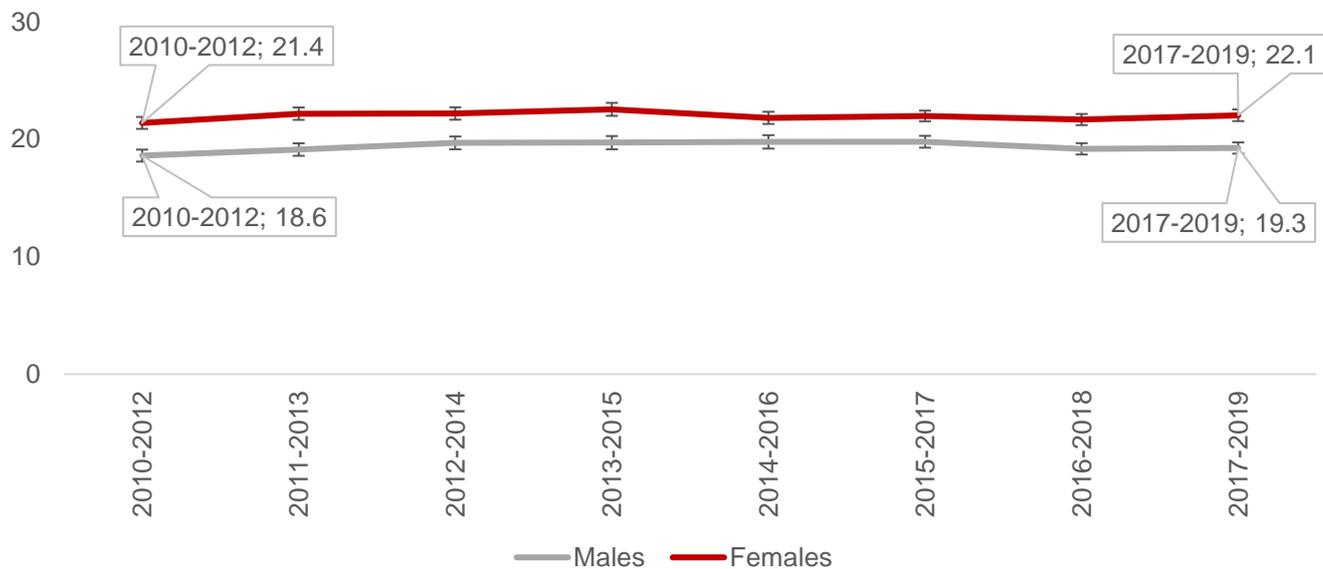


Figure 3: Jersey life expectancy at 65 years for males and females over the current decade

² Guernsey facts and figures 2020

³ National life tables: England - Office for National Statistics (ons.gov.uk)



Life expectancy comparison with English Regions⁴, 2017-2019 - Appendix Table 2

- Jersey and London had the highest regional life expectancy at birth for both Males and Females in 2017-2019; the lowest regional life expectancy for both males and females in 2017-2019 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 three years
- a woman at the age of 65 living in Jersey could expect to live a further 22.1 years on average, this was similar to London which was ranked as the highest English region; the corresponding figure for the North East was a further 20.2 years
- London had the highest life expectancy for a man at the age of 65, this figure was similar to that which a man living in Jersey could expect to live, and a little over one more year 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

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

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 (2017, 2018 and 2019) are aggregated to calculate life expectancies. The populations for 2017-2019 are based on the Statistics Jersey mid-year population estimates for 2017, 2018 and 2019.

Appendix

Appendix Table 1. Period life expectancy at birth and age 65 years in Jersey, Guernsey, and England, 2017-2019

Area Name	Life expectancy (LE)	LE lower confidence interval	LE upper confidence interval
Females at birth			
Jersey	85.0	84.4	85.6
Guernsey	85.1	84.3	85.9
England	83.4	83.3	83.4
Males at birth			
Jersey	80.8	80.1	81.4
Guernsey	80.4	79.5	81.2
England	79.8	79.7	79.8
Females at 65 years			
Jersey	22.1	21.6	22.6
Guernsey	22.4	21.8	23.1
England	21.3	21.3	21.3
Males at birth			
Jersey	19.3	18.8	19.7
Guernsey	19.0	18.4	19.6
England	19.0	19.0	19.0

Appendix Table 2. Period life expectancy at birth and age 65-69 years in Jersey and English Regions, 2017-2019

Area Name	Life expectancy (LE)	LE lower confidence interval	LE upper confidence interval
Females at birth			
Jersey	85.0	84.4	85.6
London	84.7	84.6	84.8
South East	84.3	84.2	84.3
South West	84.1	84.0	84.2
East of England	83.9	83.8	84.0
East Midlands	82.9	82.8	83.0
West Midlands	82.9	82.8	83.0
Yorkshire and The Humber	82.5	82.4	82.6
North West	82.1	82.0	82.1
North East	81.8	81.7	82.0
Males at birth			
Jersey	80.8	80.1	81.4
London	80.9	80.8	81.0
South East	80.8	80.7	80.9
East of England	80.5	80.4	80.5
South West	80.4	80.7	80.5
East Midlands	79.5	79.4	79.6
West Midlands	79.0	78.9	79.1
Yorkshire and The Humber	78.8	78.7	78.9
North West	78.4	78.3	78.5
North East	78.0	77.9	78.2
Females at 65-69 years			
Jersey	22.1	21.6	22.6
London	22.3	22.3	22.4
South East	22.0	21.9	22.0
South West	21.9	21.8	21.9
East of England	21.6	21.6	21.7
East Midlands	21.0	20.9	21.1
West Midlands	21.0	21.0	21.1
Yorkshire and The Humber	20.7	20.7	20.8
North West	20.5	20.4	20.5
North East	20.2	20.1	20.3
Males at 65-69 years			
Jersey	19.3	18.8	19.7
London	19.7	19.6	19.8
South East	19.6	19.5	19.6
South West	19.4	19.4	19.5
East of England	19.3	19.3	19.4
East Midlands	18.8	18.7	19.8
West Midlands	18.7	18.6	18.7
Yorkshire and The Humber	18.4	18.3	18.4
North West	18.3	18.2	18.4
North East	18.1	18.1	18.2