Strategic Policy, Planning and Performance
Report
Public Health Intelligence

Introduction

What is life expectancy?

Life expectancy (LE) is the average number of years a person would continue to live if they experienced Jersey's current age-specific mortality rates throughout the rest of their entire life. Life expectancy can be calculated for any age, to give the further number of years a person can expect to live on average, given the age they have attained. Life expectancy typically increases with age, given each year a person lives means they have survived multiple potential causes of death.

Life expectancy is calculated by constructing a life table. A life table incorporates data on age-specific death rates for the population in question, which requires data on the number of people in the population, and the number of deaths at each age for that population.

How do we measure life expectancy?

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.

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.[1] 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. Due to Jersey's small population data from three years (2020, 2021 and 2022) are aggregated to calculate life expectancies. For information on the population estimates used in this report, see "data sources" at the end of this report.

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[1] [Guide to calculating national life tables](#)

Jersey Life Expectancy 2020-2022

Life expectancy at birth:
83.4 years

Male: 81.8 years | Female: 84.9 years

(Gender gap 3.1 years)

Life expectancy at age 65:
21.4 years

Male: 20.0 years | Female: 22.8 years

(Gender gap 2.8 years)

Male life expectancy at birth **increased** by **2.8 years** between 2010-2012 and 2020-2022

Female life expectancy at birth **increased** by **1.3 years** between 2010-2012 and 2020-2022

Life expectancy at birth in **Jersey** was approximately **2 years** higher than in England

Life expectancy at birth in **Jersey** was approximately **1 year** higher than in the South West of England

Life expectancy at birth

The average life expectancy at birth in Jersey for 2020-2022 was 83.4 years. Females could expect to live on average 3.1 years longer than males, with life expectancy at birth for females at 84.9 years and 81.8 years for males. Life expectancy of females compared to males can be seen in Figures 1 and 2.

Figure 1: Life expectancy at birth in Jersey, 3-yearly averages (2000-2021 to 2020-2022)
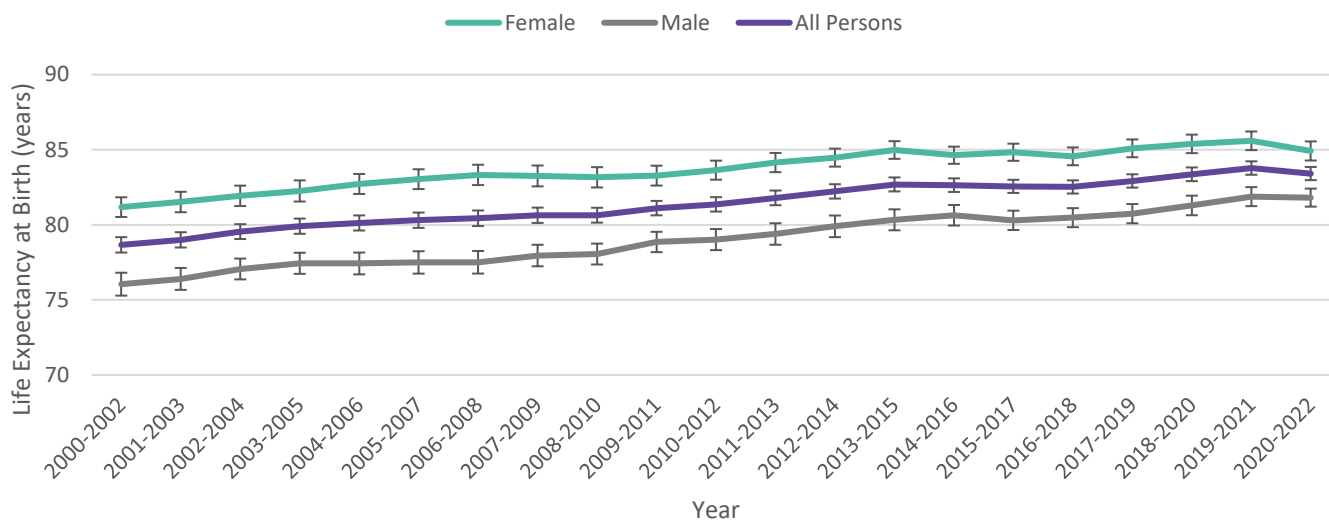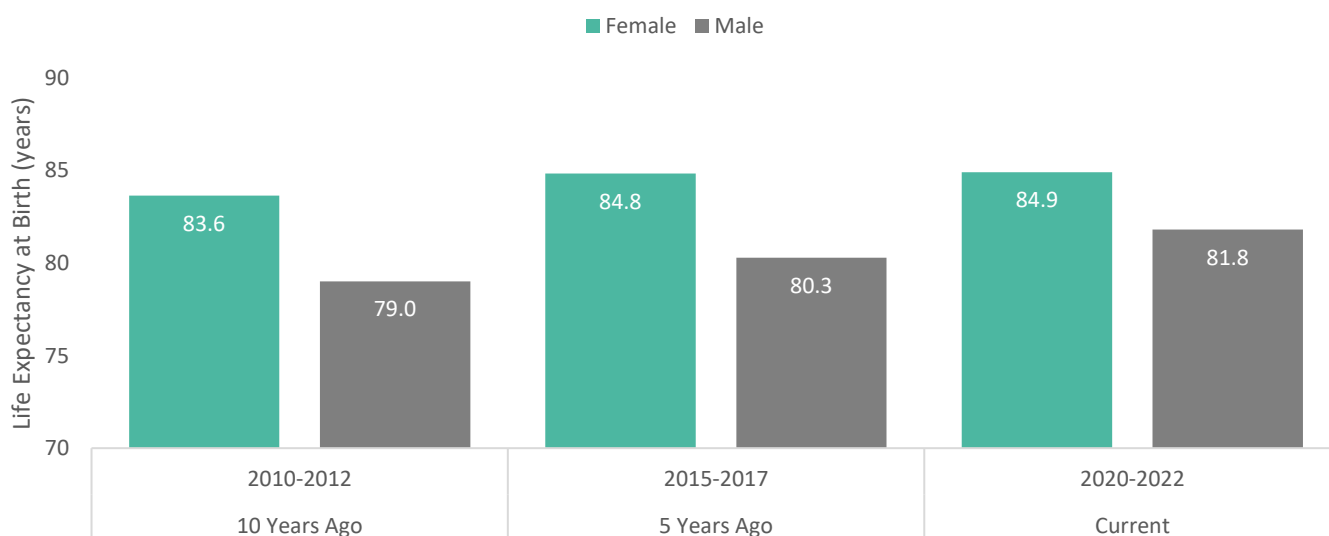

Source: Population from Statistics Jersey, Deaths from Superintendent Registrar

Over the last decade there was a slight increase in life expectancy at birth for both females and males (Figure 2). The increase for males over time was greater than that of females. Male life expectancy increased by 2.8 years, and female life expectancy increased by 1.3 years between 2010-2012 and 2020-2022.

The gender gap between males and females became smaller, decreasing by 1.5 years since 2010-2012.

Figure 2: Life expectancy at birth in 2010-2012 compared to 2015-2017 and 2020-2022, 3-year averages
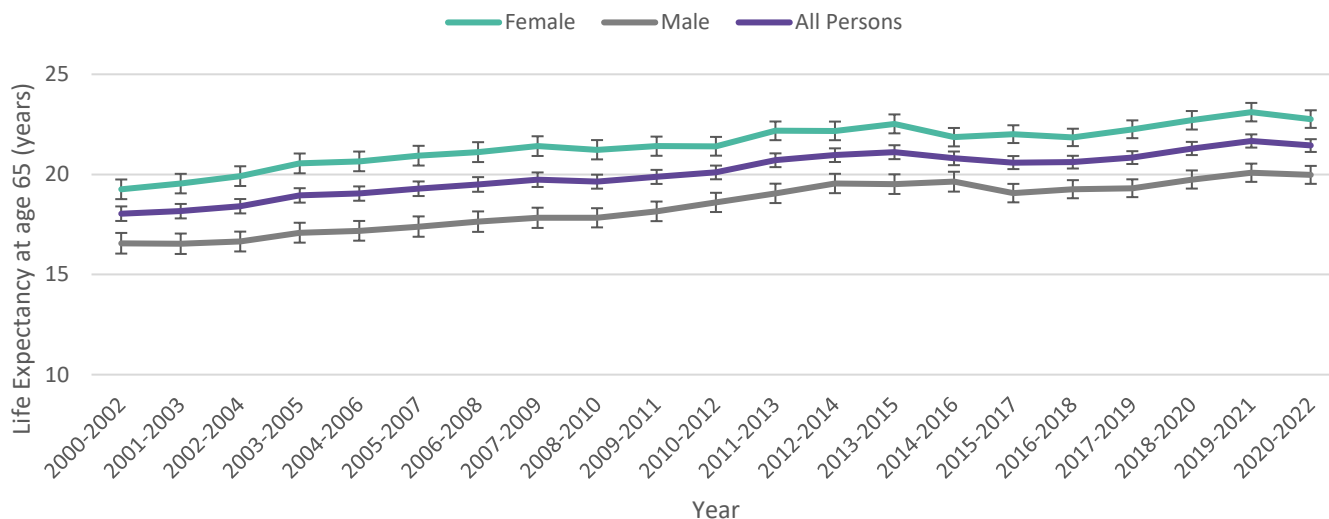

Source: Population from Statistics Jersey, Deaths from Superintendent Registrar

Life expectancy at age 65

The average life expectancy at age 65 in Jersey for 2020-2022 was 21.4 years. Females in Jersey could expect to live on average, an additional 22.8 years, while males could expect to live for an additional 20.0 years.

Jersey's life expectancy at age 65 for 2020-2022 in females was around 2.8 years higher than that of males.

Figure 3: Life expectancy at age 65, 3-yearly averages (2000-2021 to 2020-2022)

Source: Population from Statistics Jersey, Deaths from Superintendent Registrar

Over the last decade there was a slight increase in life expectancy at age 65 for both females and males. This rise was the same for both females and males, increasing by 1.4 years between 2010-2012 and 2020-2022.

The gender gap between female and male life expectancy did not change since 2010-2012.

Figure 4: Life expectancy at age 65 in 2010-2012 compared to 2015-2017 and 2020-2022, 3-year averages
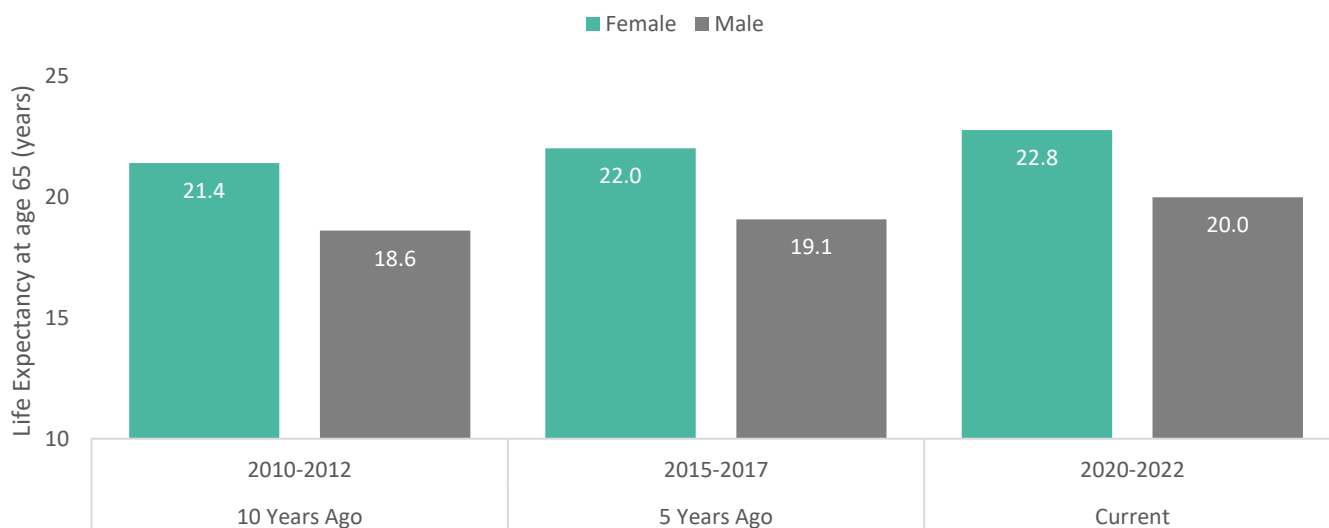
Source: Population from Statistics Jersey, Deaths from Superintendent Registrar

Life expectancy at all ages

Life expectancy can be calculated for any age, to give the further number of years a person can expect to live on average, given the age they have attained. Life expectancy typically increases with age, given each year a person lives means they have survived multiple potential causes of death.

Table 1 compares life expectancy at a given age between 2010-2012 and 2020-2022. It shows that life expectancy across all ages increased over the decade.

Males showed the biggest increases in life expectancy over the decade, with around 3 years of life being added to male life expectancy at birth and up to the age of 40 (Table 1).

Table 1: Life expectancy at 5-year age groups, 2010-2012 compared to 2020-2022

Age Group	Female				Male		
	2010-2012	2020-2022	Growth		2010-2012	2020-2022	Growth
<1	83.6	84.9	+ 1.3		79.0	81.8	+ 2.8
1-4	82.8	84.1	+ 1.3		78.5	80.9	+ 2.4
5-9	78.8	80.2	+ 1.4		74.6	76.9	+ 2.4
10-14	73.9	75.2	+ 1.3		69.6	71.9	+ 2.3
15 -19	68.9	70.3	+ 1.4		64.6	67.0	+ 2.4
20-24	64.0	65.4	+ 1.3		59.6	62.0	+ 2.4
25-29	59.1	60.4	+ 1.3		54.8	57.1	+ 2.3
30-34	54.2	55.5	+ 1.3		49.9	52.1	+ 2.2
35-39	49.4	50.6	+ 1.3		45.1	47.4	+ 2.3
40 -44	44.4	45.8	+ 1.4		40.4	42.6	+ 2.2
45-49	39.5	41.0	+ 1.5		35.6	37.7	+ 2.1
50-54	34.9	36.2	+ 1.3		31.0	33.1	+ 2.2
55-59	30.1	31.6	+ 1.4		26.6	28.5	+ 1.9
60 -64	25.6	27.1	+ 1.5		22.5	24.1	+ 1.6
65-69	21.4	22.8	+ 1.4		18.6	20.0	+ 1.4
70-74	17.4	18.5	+ 1.1		14.8	16.3	+ 1.4
75-79	13.4	14.7	+ 1.3		11.3	12.6	+ 1.3
80-84	9.8	11.1	+ 1.2		8.2	9.2	+ 1
85-89	7.0	7.9	+ 0.9		5.8	6.4	+ 0.5
90+	4.7	5.4	+ 0.7		3.8	4.3	+ 0.5

Figures presented in this table have been rounded to the next decimal point

Jersey's life expectancy compared to other jurisdictions

When comparing Jersey to other jurisdictions', Jersey's life expectancy at birth for females and males was similar to Guernsey's (Table 2)[2]. Life expectancy at birth in Jersey was around 2 years higher than in England[3].

Jersey had the smallest gender gap for life expectancy at birth when compared to Guernsey, Isle of Man[4], and the devolved nations of the UK (Table 2). However, when looking at life expectancy at age 65, Scotland and Northern Ireland had the smallest gender gap (Table 3).

It is important to note that comparisons between jurisdictions are based on the latest available data, which are not all from the same time period. Comparisons are made between data collected in Jersey (2020-2022), Guernsey (2020-2022), Scotland (2020-2022), Isle of Man (2018-2020), Northern Ireland (2018-2020), Wales (2018-2020), and England (2018-2020) (Tables 1 and 2, Figures 5 and 6).

Table 2: Life expectancy at birth in Jersey, Guernsey, and Scotland (2020-2022), Isle of Man, Wales, Northern Ireland, and England (2018-2020)

At Birth	Female	Male	Gender Gap
Jersey (2020-2022)	84.9	81.8	3.1
Guernsey (2020-2022)	85.3	81.3	4.0
England	83.1	79.3	3.8
Northern Ireland	82.4	78.7	3.7
Scotland (2020-2022)[5]	80.7	76.5	4.2
Wales	82.1	78.3	3.8
Isle of Man	82.6	78.6	4.0

Figures presented in this table have been rounded to the next decimal point

Table 3: Life expectancy at age 65 in Jersey, Guernsey, and Scotland (2020-2022), Isle of Man, Wales, Northern Ireland, and England (2018-2020)

At age 65	Female	Male	Gender Gap
Jersey (2020-2022)	22.8	20.0	2.8
Guernsey (2020-2022)	22.8	20.2	2.6
England	21.1	18.7	2.5
Northern Ireland	20.7	18.4	2.3
Scotland (2020-2022)	19.6	17.3	2.3
Wales	20.5	18.13	2.4
Isle of Man	20.9	18.1	2.8

Figures presented in this table have been rounded to the next decimal point

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[2] Guernsey Facts and Figures 2023, available from www.gov.gg
[3] National life tables – life expectancy in the UK 2018 to 2020, available from www.ons.gov.uk
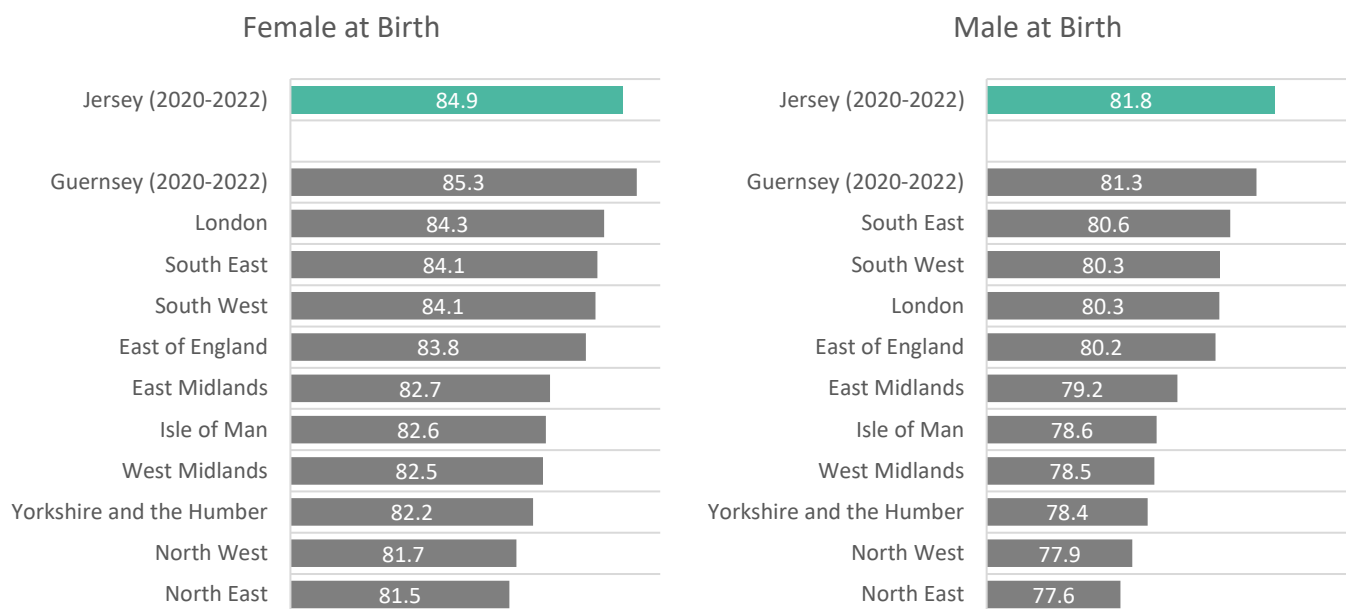[4] Isle of Man | Mortality Report 2020, available from www.gov.im
[5] Life Expectancy in Scotland 2020-2022 Provisional Figures | National Records of Scotland (nrscotland.gov.uk), available from www.nrscotland.gov.uk

Jersey was similar to Guernsey in life expectancy at birth and also at 65 for both females and males. When compared with other regions[6], Jersey's life expectancy was higher than the majority of English regions and the Isle of Man.
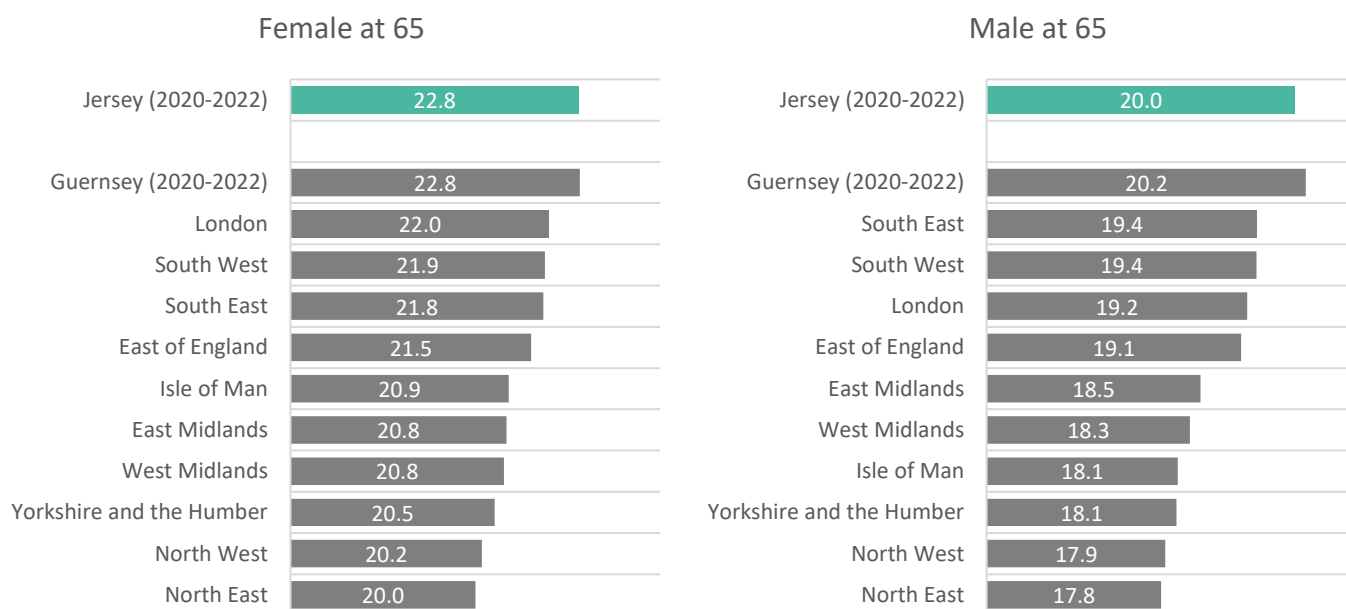
Life expectancy at birth in Jersey was higher than in the South West of England.

When comparing Jersey's life expectancy to other regions, the largest difference was between Jersey and North East England, with life expectancy at birth in Jersey being higher by around 4 years, and life expectancy at age 65 in Jersey being higher by around 3 years.

Figure 5: Life expectancy at birth for females and males, comparing Jersey (2020-2022) with Guernsey (2020-2022), Isle of Man and the English regions (2018-2020)

Female at Birth

Region	Value
Jersey (2020-2022)	84.9
Guernsey (2020-2022)	85.3
London	84.3
South East	84.1
South West	84.1
East of England	83.8
East Midlands	82.7
Isle of Man	82.6
West Midlands	82.5
Yorkshire and the Humber	82.2
North West	81.7
North East	81.5

Male at Birth

Region	Value
Jersey (2020-2022)	81.8
Guernsey (2020-2022)	81.3
South East	80.6
South West	80.3
London	80.3
East of England	80.2
East Midlands	79.2
Isle of Man	78.6
West Midlands	78.5
Yorkshire and the Humber	78.4
North West	77.9
North East	77.6

Figure 6: Life expectancy at age 65 for females and males, comparing Jersey (2020-2022) with Guernsey (2020-2022), Isle of Man and the English regions (2018-2020)

Female at 65

Region	Value
Jersey (2020-2022)	22.8
Guernsey (2020-2022)	22.8
London	22.0
South West	21.9
South East	21.8
East of England	21.5
Isle of Man	20.9
East Midlands	20.8
West Midlands	20.8
Yorkshire and the Humber	20.5
North West	20.2
North East	20.0

Male at 65

Region	Value
Jersey (2020-2022)	20.0
Guernsey (2020-2022)	20.2
South East	19.4
South West	19.4
London	19.2
East of England	19.1
East Midlands	18.5
West Midlands	18.3
Isle of Man	18.1
Yorkshire and the Humber	18.1
North West	17.9
North East	17.8

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[6] [Life expectancy for local areas of the UK: between 2001 to 2003 and 2018 to 2020](), available from www.ons.gov.uk

Notes

Data Sources

Population Estimates

Population estimates recently published by Statistics Jersey (June 2023)[7] are used to calculate rates in this report. As such, rates presented in this report may differ slightly to those presented in previous publications, which will have used older population estimates.

Mortality Data

Deaths data used in this report include those deaths that were registered in Jersey, plus deaths that occurred abroad to Jersey residents where the body was repatriated to Jersey.

Confidence intervals and statistical significance

Confidence intervals have been used in this report to compare Jersey rates and numbers over time, and with those of Guernsey, UK and IOM. Confidence intervals are a measure of the statistical precision of an estimate and show the range of uncertainty around the estimated figure. The confidence interval indicates the range within which the true value for the population as a whole can be expected to lie, taking natural random variation into account.

Confidence intervals are often expressed as a % whereby a population mean lies between an upper and lower interval. The 95% confidence interval is a range of values that one can be 95% confident contains the true mean of the population.

Comparisons between rates or over time have been tested to determine whether differences are likely to be statistically significant or the result of natural random variation. Only those differences deemed as statistically significant have been described in this report using terms such as 'increase', 'decrease', 'higher' or 'lower'.

Feedback

If you would like to provide feedback, then please contact us on the following address or email us at:
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[7] Population And Migration Statistics – Statistics Jersey, June 2023