

Jersey household projections 2016 release

Overview

Household projections year by year to 2035 have been produced for Jersey based on population projections under four migration scenarios:

- Net nil (where inward migration equals outward migration)
- +325 (where 325 more people inwardly migrate than leave Jersey each year)
- +700 (where 700 more people inwardly migrate than leave Jersey each year)
- +1,000 (where 1,000 more people inwardly migrate than leave Jersey each year)
- +1,500 (where 1,000 more people inwardly migrate than leave Jersey each year)
- +2,000 (where 1,000 more people inwardly migrate than leave Jersey each year)

Changes in household structures seen across the 2001 and 2011 censuses are used to give projections of numbers of households by household type. The full methodology is given at the end of the report.

Results **Number of households by year under Net nil migration**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<i>Projected population</i>	102,700	103,000	103,200	103,500	103,800	104,000	104,200	104,400	104,600	104,800	104,900
<i>Projected population living in private households (people)</i>	100,700	101,000	101,200	101,500	101,700	101,900	102,100	102,300	102,400	102,500	102,700

Number of households:

Single adult	13,740	13,950	14,150	14,380	14,610	14,830	15,060	15,300	15,520	15,750	15,970
Two adults	14,710	14,800	14,900	15,000	15,110	15,230	15,340	15,470	15,620	15,760	15,900
One adult & one child	900	900	910	910	920	920	930	930	940	940	940
Three or more adults	7,340	7,350	7,330	7,310	7,280	7,250	7,210	7,170	7,100	7,050	7,000
One adult & two or more children	540	530	530	530	520	520	520	520	510	510	500
Two adults & one or more children	6,910	6,840	6,790	6,750	6,700	6,660	6,610	6,550	6,480	6,410	6,330
All	44,140	44,370	44,610	44,870	45,140	45,410	45,670	45,950	46,170	46,430	46,650

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
<i>Projected population</i>	105,000	105,200	105,300	105,300	105,400	105,500	105,500	105,500	105,500	105,500
<i>Projected population living in private households (people)</i>	102,800	102,800	102,900	103,000	103,000	103,000	103,000	103,000	102,900	102,900

Number of households:

Single adult	16,190	16,410	16,610	16,800	16,960	17,130	17,290	17,450	17,590	17,730
Two adults	16,030	16,140	16,280	16,380	16,460	16,550	16,600	16,660	16,710	16,760
One adult & one child	940	950	950	950	960	960	970	970	980	980
Three or more adults	6,950	6,900	6,840	6,790	6,730	6,660	6,610	6,560	6,510	6,460
One adult & two or more children	500	490	490	490	480	480	480	480	480	470
Two adults & one or more children	6,270	6,220	6,150	6,100	6,040	5,990	5,940	5,910	5,870	5,830
All	46,880	47,110	47,320	47,500	47,630	47,770	47,890	48,020	48,130	48,230

Results **Number of households by year under +325 migration** (i.e. 325 more people inwardly migrate than leave Jersey each year)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<i>Projected population</i>	102,700	103,300	103,900	104,500	105,100	105,700	106,200	106,800	107,400	107,900	108,400
<i>Projected population living in private households (people)</i>	100,700	101,300	101,900	102,500	103,100	103,600	104,100	104,700	105,200	105,700	106,200
<u>Number of households:</u>											
Single adult	13,740	13,980	14,220	14,480	14,740	15,000	15,280	15,560	15,820	16,090	16,360
Two adults	14,710	14,840	14,970	15,110	15,250	15,410	15,550	15,720	15,900	16,090	16,270
One adult & one child	900	910	910	920	930	940	950	960	970	980	980
Three or more adults	7,340	7,360	7,360	7,360	7,350	7,340	7,330	7,300	7,260	7,230	7,200
One adult & two or more children	540	540	540	530	530	530	530	530	530	530	530
Two adults & one or more children	6,910	6,870	6,860	6,840	6,830	6,820	6,800	6,780	6,740	6,700	6,660
All	44,140	44,490	44,860	45,250	45,650	46,050	46,440	46,860	47,230	47,620	47,990
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
<i>Projected population</i>	108,900	109,500	109,900	110,400	110,900	111,400	111,800	112,200	112,700	113,100	
<i>Projected population living in private households (people)</i>	106,700	107,100	107,600	108,000	108,500	108,900	109,300	109,700	110,100	110,400	
<u>Number of households:</u>											
Single adult	16,630	16,890	17,140	17,390	17,610	17,830	18,040	18,260	18,470	18,670	
Two adults	16,430	16,590	16,770	16,910	17,030	17,150	17,250	17,360	17,450	17,550	
One adult & one child	990	1,000	1,010	1,010	1,020	1,030	1,040	1,050	1,060	1,070	
Three or more adults	7,170	7,140	7,110	7,080	7,040	7,000	6,970	6,950	6,930	6,900	
One adult & two or more children	520	520	520	520	520	520	520	520	520	520	
Two adults & one or more children	6,630	6,610	6,580	6,560	6,530	6,510	6,490	6,490	6,480	6,470	
All	48,370	48,750	49,120	49,460	49,750	50,050	50,330	50,640	50,910	51,190	

Results **Number of households by year under +700 migration** (i.e. 700 more people inwardly migrate than leave Jersey each year)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<i>Projected population</i>	102,700	103,700	104,700	105,700	106,600	107,600	108,600	109,600	110,600	111,500	112,500
<i>Projected population living in private households (people)</i>	100,700	101,700	102,700	103,600	104,600	105,600	106,500	107,400	108,400	109,300	110,200
<u>Number of households:</u>											
Single adult	13,740	14,020	14,300	14,600	14,900	15,200	15,520	15,850	16,160	16,490	16,800
Two adults	14,710	14,880	15,050	15,230	15,420	15,610	15,800	16,010	16,240	16,460	16,690
One adult & one child	900	910	920	940	950	970	980	990	1,010	1,020	1,030
Three or more adults	7,340	7,380	7,410	7,420	7,430	7,450	7,460	7,460	7,440	7,430	7,430
One adult & two or more children	540	540	540	540	540	550	550	550	550	550	550
Two adults & one or more children	6,910	6,910	6,930	6,950	6,980	7,010	7,030	7,040	7,040	7,040	7,040
All	44,140	44,630	45,150	45,680	46,230	46,790	47,330	47,910	48,440	49,000	49,540
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
<i>Projected population</i>	113,500	114,400	115,400	116,300	117,200	118,200	119,100	120,000	120,900	121,800	
<i>Projected population living in private households (people)</i>	111,200	112,100	113,000	113,900	114,800	115,700	116,600	117,400	118,300	119,100	
<u>Number of households:</u>											
Single adult	17,130	17,450	17,760	18,070	18,350	18,640	18,920	19,210	19,490	19,770	
Two adults	16,900	17,100	17,320	17,510	17,680	17,860	18,010	18,160	18,310	18,460	
One adult & one child	1,040	1,060	1,070	1,080	1,100	1,110	1,130	1,150	1,170	1,180	
Three or more adults	7,420	7,420	7,410	7,410	7,400	7,390	7,390	7,400	7,410	7,410	
One adult & two or more children	550	550	560	560	560	560	560	570	570	570	
Two adults & one or more children	7,050	7,060	7,070	7,080	7,090	7,120	7,130	7,160	7,190	7,210	
All	50,090	50,640	51,190	51,710	52,190	52,680	53,150	53,650	54,130	54,600	

Results **Number of households by year under +1,000 migration** (i.e. 1,000 more people inwardly migrate than leave Jersey each year)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<i>Projected population</i>	102,700	104,000	105,300	106,600	107,900	109,200	110,500	111,800	113,100	114,400	115,700
<i>Projected population living in private households (people)</i>	100,700	102,000	103,300	104,600	105,800	107,100	108,400	109,700	110,900	112,200	113,500
<u>Number of households:</u>											
Single adult	13,740	14,050	14,360	14,690	15,030	15,370	15,720	16,090	16,440	16,800	17,160
Two adults	14,710	14,910	15,120	15,330	15,550	15,780	16,000	16,250	16,500	16,760	17,020
One adult & one child	900	910	930	950	960	980	1,000	1,020	1,040	1,050	1,070
Three or more adults	7,340	7,400	7,440	7,470	7,500	7,540	7,560	7,580	7,580	7,600	7,610
One adult & two or more children	540	540	540	550	550	560	560	570	570	570	570
Two adults & one or more children	6,910	6,940	6,990	7,040	7,100	7,150	7,200	7,250	7,280	7,310	7,340
All	44,140	44,750	45,380	46,030	46,700	47,370	48,050	48,750	49,410	50,100	50,780
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	
<i>Projected population</i>	117,100	118,400	119,700	121,000	122,300	123,600	124,900	126,200	127,500	128,800	
<i>Projected population living in private households (people)</i>	114,800	116,000	117,300	118,600	119,900	121,100	122,400	123,600	124,900	126,100	
<u>Number of households:</u>											
Single adult	17,530	17,900	18,250	18,610	18,950	19,290	19,620	19,970	20,300	20,640	
Two adults	17,270	17,510	17,770	18,000	18,210	18,420	18,610	18,810	18,990	19,180	
One adult & one child	1,090	1,100	1,120	1,140	1,160	1,180	1,200	1,230	1,250	1,270	
Three or more adults	7,630	7,640	7,660	7,680	7,690	7,700	7,730	7,760	7,790	7,820	
One adult & two or more children	580	580	580	590	590	590	600	610	610	620	
Two adults & one or more children	7,380	7,430	7,460	7,510	7,540	7,600	7,640	7,700	7,750	7,810	
All	51,470	52,160	52,850	53,520	54,140	54,780	55,410	56,060	56,700	57,340	

Results **Number of households by year under +1,500 migration** (i.e. 1,500 more people inwardly migrate than leave Jersey each year)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<i>Projected population</i>	102,700	104,500	106,300	108,100	109,900	111,800	113,600	115,500	117,400	119,300	121,200
<i>Projected population living in private households (people)</i>	100,700	102,500	104,300	106,100	107,900	109,700	111,500	113,400	115,200	117,000	118,900

Number of households:

Single adult	13,740	14,100	14,460	14,850	15,240	15,630	16,050	16,480	16,900	17,330	17,760
Two adults	14,710	14,960	15,230	15,500	15,770	16,050	16,330	16,630	16,940	17,260	17,580
One adult & one child	900	920	940	960	990	1,010	1,040	1,060	1,090	1,110	1,130
Three or more adults	7,340	7,430	7,490	7,560	7,610	7,680	7,740	7,780	7,820	7,870	7,910
One adult & two or more children	540	550	550	560	570	570	580	590	600	600	610
Two adults & one or more children	6,910	6,990	7,090	7,190	7,300	7,400	7,500	7,600	7,690	7,770	7,850
All	44,140	44,940	45,770	46,610	47,480	48,360	49,240	50,150	51,020	51,940	52,840

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
<i>Projected population</i>	123,100	125,000	126,900	128,800	130,700	132,700	134,600	136,500	138,500	140,400
<i>Projected population living in private households (people)</i>	120,800	122,600	124,500	126,400	128,300	130,200	132,100	134,000	135,800	137,700

Number of households:

Single adult	18,200	18,640	19,080	19,520	19,940	20,370	20,790	21,230	21,660	22,100
Two adults	17,890	18,190	18,510	18,810	19,080	19,360	19,620	19,880	20,130	20,400
One adult & one child	1,160	1,180	1,210	1,240	1,260	1,290	1,320	1,350	1,380	1,420
Three or more adults	7,960	8,020	8,070	8,120	8,180	8,220	8,290	8,360	8,430	8,500
One adult & two or more children	610	620	630	640	640	650	660	670	680	690
Two adults & one or more children	7,940	8,030	8,120	8,210	8,300	8,400	8,490	8,600	8,700	8,800
All	53,760	54,680	55,620	56,530	57,400	58,290	59,170	60,090	60,990	61,900

Results **Number of households by year under +2,000 migration** (i.e. 2,000 more people inwardly migrate than leave Jersey each year)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<i>Projected population</i>	102,700	105,000	107,300	109,600	112,000	114,400	116,800	119,200	121,600	124,100	126,600
<i>Projected population living in private households (people)</i>	100,700	103,000	105,300	107,600	109,900	112,300	114,700	117,000	119,400	121,900	124,300

Number of households:

Single adult	13,740	14,150	14,570	15,000	15,450	15,900	16,380	16,870	17,350	17,850	18,350
Two adults	14,710	15,020	15,340	15,660	15,990	16,320	16,660	17,020	17,390	17,770	18,140
One adult & one child	900	920	950	980	1,010	1,040	1,070	1,110	1,140	1,170	1,200
Three or more adults	7,340	7,450	7,550	7,640	7,730	7,820	7,910	7,990	8,060	8,140	8,220
One adult & two or more children	540	550	560	570	580	590	600	610	620	630	640
Two adults & one or more children	6,910	7,040	7,190	7,340	7,500	7,650	7,800	7,950	8,090	8,220	8,350
All	44,140	45,130	46,160	47,190	48,250	49,340	50,430	51,550	52,640	53,780	54,900

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
<i>Projected population</i>	129,100	131,600	134,100	136,600	139,200	141,700	144,300	146,900	149,500	152,000
<i>Projected population living in private households (people)</i>	126,800	129,200	131,700	134,200	136,700	139,200	141,800	144,300	146,800	149,400

Number of households:

Single adult	18,870	19,390	19,900	20,420	20,930	21,450	21,960	22,490	23,020	23,560
Two adults	18,510	18,870	19,260	19,610	19,950	20,300	20,620	20,950	21,280	21,620
One adult & one child	1,230	1,260	1,300	1,330	1,370	1,400	1,440	1,480	1,520	1,560
Three or more adults	8,300	8,390	8,480	8,570	8,660	8,740	8,850	8,960	9,070	9,180
One adult & two or more children	650	660	670	680	700	710	720	730	750	760
Two adults & one or more children	8,490	8,640	8,770	8,920	9,050	9,200	9,340	9,500	9,640	9,790
All	56,050	57,210	58,380	59,540	60,650	61,800	62,940	64,110	65,280	66,460

Methodology

Data from censuses in 2001 and 2011 was analysed to identify the proportion of each of six age and two gender groups who were heads of household¹ for each of 6 household types (the 'headship rate'). Behaviour in headship rates across the 10 years were projected forwards using the following two-point exponential model²:

$$y_i = k + ab^{x_i}$$

where i = the year, from 2012 to 2035

y_i = headship rate in year i

$k = 1$ if $y_{2011} \geq y_{2001}$; 0 if $y_{2011} < y_{2001}$

$a = y_{2001} - k$

$b = (y_{2011} - k) / (y_{2001} - k)$

$x_i = (i - 2001) / (2011 - 2001)$

Projected headship (and non-headship) rates were constrained to sum to 1 within each age group.

Age groups used in analysis:

0 – 15 years

16 – 29 years

30 – 44 years

45 – 59 years

60 – 74 years

75+ years

Households in each of the censuses were categorised according to the number of adults (aged 16 years or over) and the number of children (aged 15 years or under) living as a household³.

The household projections were then calculated by applying these projected headship rates to the projected population living in private households to give an estimate of the number of heads of household (and thereby number of households) in each of the projection years for each household type, age group and gender.

The projected population living in private households is determined from the full projected population (2016 release⁴) adjusted for the projected number of people living in communal establishments. This is assumed to remain a constant number for the under 75 years, and a constant proportion of the 75 years and over population.

This household projection method assumes that changes in household formation seen from 2001 and 2011 will continue, which may not necessarily be the case. However, the methodology provides a more detailed picture of future household numbers by household size than simply projecting the change in average household size and applying this to the population projections.

¹ Two definitions of 'head of household' were used in the analysis: 'eldest male' where the eldest male aged 18 or over in the household was chosen, or eldest female in all-female households; and 'first on form' where the person who filled in the census form for the household was chosen. Choice of definition of head of household did not make a material difference to the results of the household projections which are based on 'first on form' definition.

² For further information, see "Updating Department for Communities and Local Government's household projections to a 2011 base Methodology report", April 2013, Department for Communities and Local Government

³ A household in the 2011 census was defined as one person or a group of people sharing cooking facilities and a living space. A household in the 2001 census was defined as one person or a group of people sharing cooking facilities or living space. The slight definitional change was introduced to better reflect ways of living, but would not have affected many households and therefore is not likely to have made a material difference to the projections.

⁴ 'Jersey Population Projection report 2016' at www.gov.je/statistics