

Population Bulletin 2016/17



<http://mkinsight.org>

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1. Executive Summary

- In 1967, when Milton Keynes was designated as a new town, the area had a mainly rural population of around 60,000.
- The official Office for National Statistics population estimate for Milton Keynes in 2015 was 261,750.
- Milton Keynes was the 20th fastest growing local authority in England between 2005 and 2015 with a growth of 17.1 per cent.
- The population of Milton Keynes is forecast to grow to 308,500 by 2026. This is an increase of 46,750 people or 18 per cent between 2015 and 2026.
- Milton Keynes' has a younger demographic when compared with the national population which will continue in the forecast period going up to 2026.
- All age groups are projected to grow with the fastest growth in the older age groups.
- Broughton, Danesborough and Stony Stratford wards are projected to experience the fastest population growth between 2015 and 2026.
- Brooklands, Fairfields and Whitehouse are projected to have the fastest population increase between 2015 and 2026. This is driven by the planned house building in the area.
- Both Urban and Rural areas in Milton Keynes show a positive population growth until 2026 with a ratio of 9:1 for Urban and Rural population.
- Natural change (difference between births and deaths) will add an average of 2,000 people to the population each year from 2015 to 2026.
- Net migration is the main driver of population growth peaking at 5,100 in 2019. This is driven by the planned house building with migration from other parts of the UK
- 20,800 dwellings are anticipated to be built in Milton Keynes between 2015 and 2026.
- There is a projected 19 per cent increase in the dwelling stock between 2015 and 2026 because of the planned house building.
- The ratio between Male and Female workers is approximately 55:45. The proportion of those people in Milton Keynes in the labour force is projected to fall from 55 per cent to 51 per cent. This is because of the increasing elderly population in Milton Keynes.

2. Introduction

The 2016/2017 Milton Keynes Population Bulletin provides a comprehensive update of demographic information for Milton Keynes. Demographic information is vital for service providers to plan their services, understand the communities they serve and how it may change in the future.

The Population Bulletin provides information on the population projections for Milton Keynes. The population projections were created by the Business Intelligence Team of Luton Borough Council. They use PopGroup software to provide projections for the borough until 2026 by age, labour force, households as well as projections at ward, estate and settlement, parish level, and rural and urban areas.

Projections are based upon the mid-year population estimates from the Office for National Statistics for 2011-2015. The projections up to 2026 are constrained to Milton Keynes planned housing completions. These projections use current trends and the current housing strategy of Milton Keynes.

The population forecasting uses POPGROUP¹ which uses a cohort component methodology for its population projections, a headship rate for its household projection model and an economic activity rate for its labour force projection model. POPGROUP's population forecasting model estimates future population change based on fertility, mortality and migration assumptions using historical data. Population forecasts can be used to derive likely household and housing profiles consistent with the population's age and sex composition. The methodology for the population and household projections is consistent with the Office for National Statistics and Communities & Local Government.

An electronic copy of this publication can be found on the MK Insight web site, from where datasets can also be downloaded: <http://mkinsight.org>

¹) POPGROUP is a suite of demographic software developed to generate population, household, labour force and other derived projections for specified geographical areas and/or population groups. The software is maintained by Edge Analytics under licence from the Local Government Association.

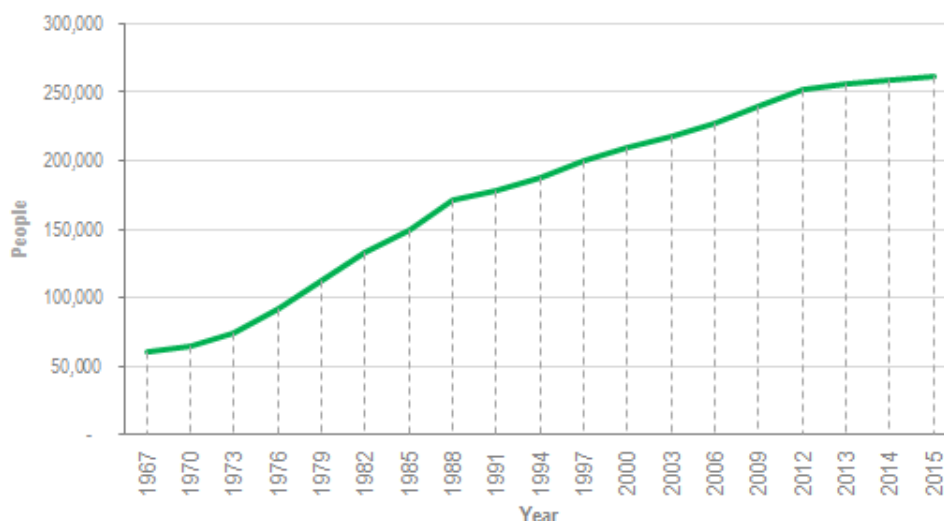
3. Past Population Growth

The population of Milton Keynes has trebled since 1967.

Milton Keynes was designated as a new town in 1967 with an existing population of 60,000. In the subsequent years there has been sustained population growth, which has increased to 261,750 in 2015.

Figure 1 outlines the growth in Milton Keynes since 1967 to 2015. The Population grew by 171,000 (+285%) from 1967 to 2007. The population has grown by 11 per cent since 2008.

Figure 1: Milton Keynes Population Growth 1967 -2015



Milton Keynes is the 20th fastest growing local authority area in England.

Table 1 outlines the top 20 fastest growing local authorities between 2005 and 2015. Over that period Milton Keynes grew by 38,300 people. This is a growth of 17 per cent which was the 20th fastest local growing authority in England and the sixth fastest growing local authority outside of a London Borough. The population of Milton Keynes has been increasing by an average of nearly 4,000 people per year over the last decade.

Table 1: Population Growth 2005 and 2015

Rank	Area	2005	2015	Change	% change
1	Tower Hamlets	213,400	295,250	81,850	38.4%
2	Newham	253,800	332,800	79,000	31.1%
3	Hackney	216,500	269,000	52,500	24.2%
4	Islington	183,500	227,700	44,200	24.1%
5	City of London	7,150	8,750	1,650	22.4%
6	Corby	54,500	66,850	12,350	22.7%
7	Barking and Dagenham	166,300	202,000	35,700	21.5%
8	Hounslow	223,800	268,750	45,000	20.1%
9	Waltham Forest	226,750	271,150	44,400	19.6%
10	Brent	270,950	324,000	53,050	19.6%
11	Greenwich	230,500	274,800	44,300	19.2%
12	Haringey	229,250	272,850	43,600	19.0%
13	Uttlesford	71,600	85,100	13,550	18.9%
14	Slough	122,850	145,750	22,850	18.6%
15	Hillingdon	251,450	297,750	46,300	18.4%
16	Southwark	261,800	308,900	47,100	18.0%
17	Redbridge	251,550	296,800	45,250	18.0%
18	Watford	82,150	96,400	14,250	17.3%
19	Bournemouth	166,000	194,500	28,500	17.2%
20	Milton Keynes	223,450	261,750	38,300	17.1%

Yellow highlighted rows show the local authorities which are not London Boroughs. All data rounded to nearest 50, components may not sum to totals due to rounding.

4. Population Projections 2011-2026

The population of Milton Keynes is projected to grow from 261,750 in 2015 to 308,500 in 2026. This is an increase of 46,750 people and a growth rate of 18 per cent. Over the next 11 years it is forecast to grow by an average of 4,200 people per year.

Figure 2: Milton Keynes Population Growth 2011-2026

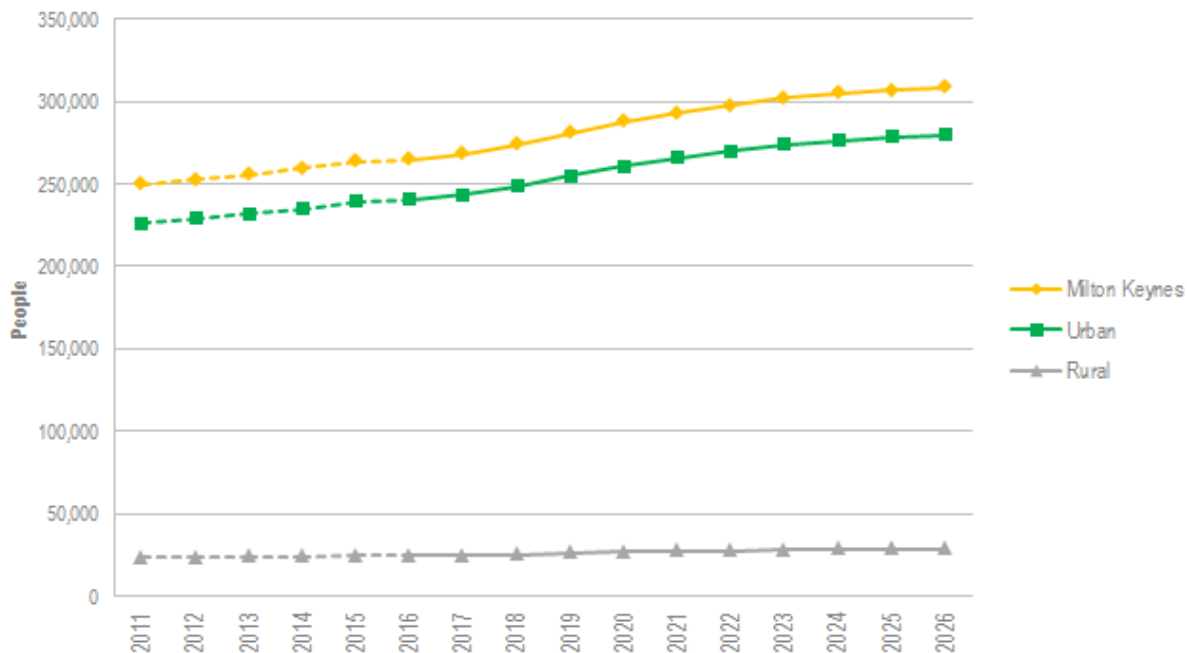


Table 2: Milton Keynes Population Growth in Urban and Rural Areas 2011-2026

Year	Urban	Rural	Milton Keynes
2011	226,250	23,650	249,900
2012	228,700	23,650	252,350
2013	231,650	24,050	255,700
2014	235,000	24,250	259,250
2015	239,100	24,500	261,750
2016	240,550	24,450	264,950
2017	243,350	24,700	268,050
2018	248,650	25,200	273,850
2019	254,950	26,050	281,000
2020	260,750	26,700	287,450
2021	265,750	27,200	292,950
2022	270,050	27,700	297,750
2023	273,700	28,200	301,900
2024	276,350	28,450	304,800
2025	278,300	28,650	306,950
2026	279,650	28,850	308,500

All data rounded to nearest 50, components may not sum to totals due to rounding.

Both urban and rural areas in Milton Keynes show positive population growth until 2026 with an average ratio of 9:1 between the urban and rural population.

5. Components of Change

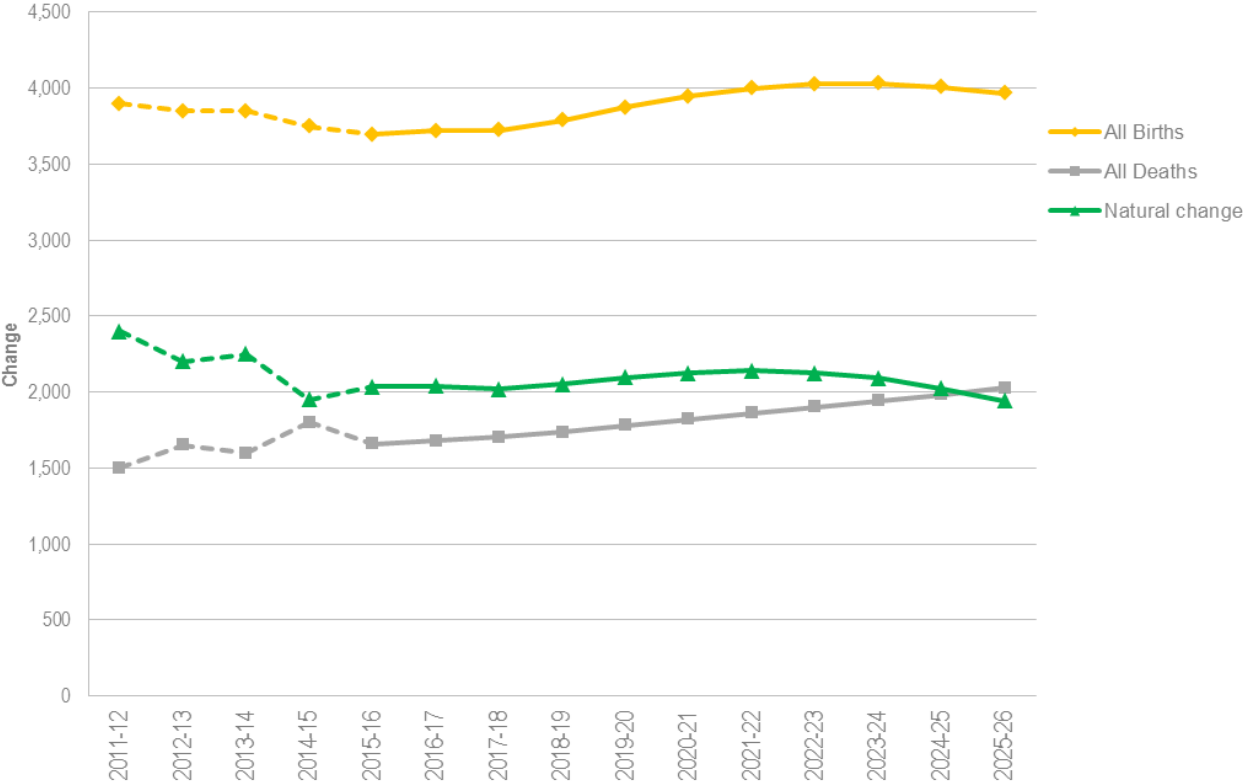
Natural change will add an average of 2,000 people to the population every year from 2015-2026.

The two components of population growth are natural change and net migration:

- Natural Change = Total number of births less total number of deaths
- Net Migration = Total newcomers less total outgoing

Natural Change

Figure 3: Milton Keynes Births and Deaths Growth 2011 – 2026



The Natural change of the population of Milton Keynes is projected to see an increase in the number of deaths and a small decrease in the birth rate.

Table 3: Milton Keynes Births and Deaths 2011 – 2026

Year	All Births	All Deaths	Natural Change
2011/12	3,900	1,500	2,400
2012/13	3,850	1,650	2,200
2013/14	3,850	1,600	2,250
2014/15	3,750	1,800	1,950
2015/16	3,700	1,650	2,050
2016/17	3,700	1,700	2,050
2017/18	3,750	1,700	2,000
2018/19	3,800	1,750	2,050
2019/20	3,850	1,800	2,100
2020/21	3,950	1,800	2,150
2021/22	4,000	1,850	2,150
2022/23	4,050	1,900	2,150
2023/24	4,050	1,950	2,100
2024/25	4,000	2,000	2,000
2025/26	3,950	2,050	1,950

All data rounded to nearest 50, components may not sum to totals due to rounding.

Net Migration

Net migration is the difference between people coming into and out of Milton Keynes. It includes migration to and from the UK and international migration.

Net internal migration into Milton Keynes is projected to be positive up to 2025. This is because of the house building plans for Milton Keynes. International migration uses an average of the last 5 years of migration in the projections which is consistent with the Office for National Statistics' methodology.

Figure 4: Milton Keynes Internal and Overseas Net Migration 2011 – 2026

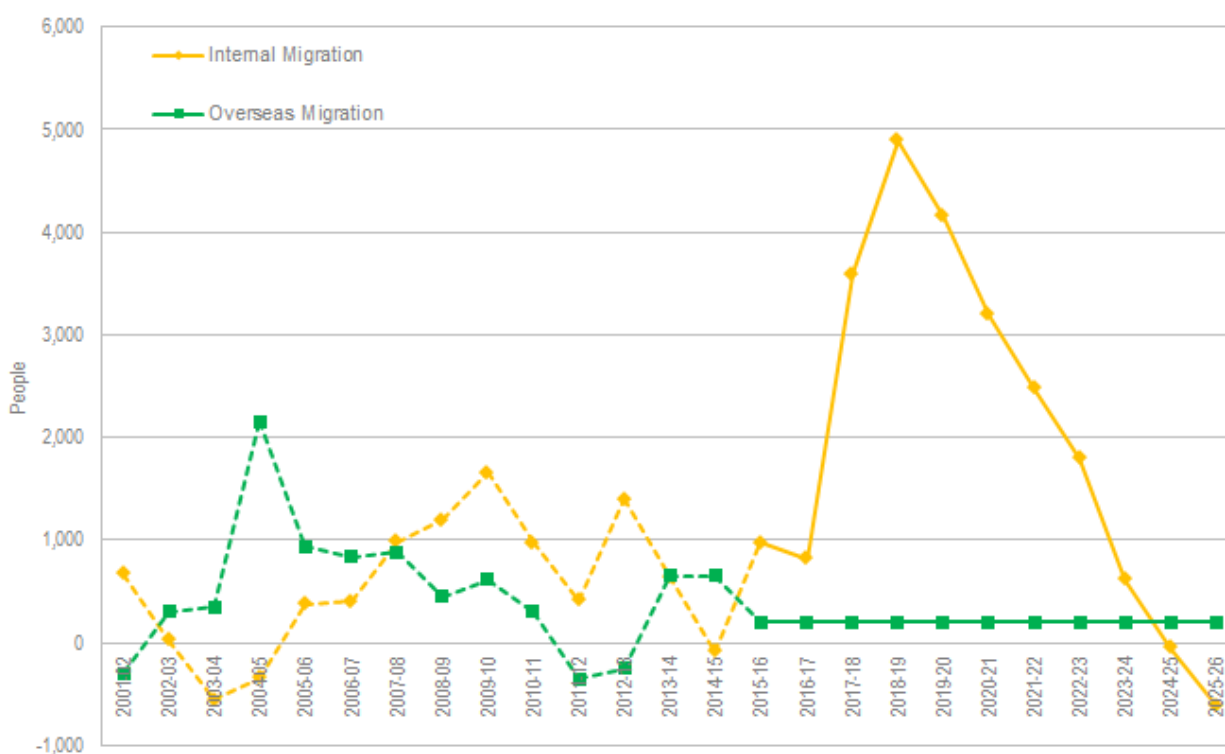


Table 4: Milton Keynes Internal and Overseas Migration 2011 – 2026

Year	Internal Migration			Overseas Migration		
	IN	OUT	Net	IN	OUT	Net
2001/02	11,000	10,350	650	1,350	1,650	- 300
2002/03	10,600	10,600	50	1,250	950	300
2003/04	10,300	10,850	- 550	1,500	1,150	350
2004/05	10,150	10,500	- 350	3,050	900	2,150
2005/06	10,600	10,250	400	2,350	1,400	950
2006/07	10,650	10,250	400	2,500	1,650	850
2007/08	10,300	9,350	1,000	2,650	1,800	900
2008/09	10,250	9,050	1,200	2,150	1,700	450
2009/10	10,750	9,100	1,650	1,700	1,100	600
2010/11	10,050	9,100	1,000	1,900	1,600	300
2011/12	10,700	10,300	400	1,750	2,100	- 350
2012/13	11,100	9,750	1,400	1,900	2,150	- 250
2013/14	11,150	10,500	650	2,550	1,900	650
2014/15	10,700	10,750	- 100	2,250	1,600	650
2015/16	10,900	9,900	950	2,100	1,900	200
2016/17	11,050	10,250	800	2,100	1,900	200
2017/18	12,500	8,950	3,600	2,100	1,900	200
2018/19	13,300	8,400	4,900	2,100	1,900	200
2019/20	13,050	8,900	4,150	2,100	1,900	200
2020/21	12,700	9,500	3,200	2,100	1,900	200
2021/22	12,450	9,950	2,500	2,100	1,900	200
2022/23	12,200	10,400	1,800	2,100	1,900	200
2023/24	11,650	11,050	600	2,100	1,900	200
2024/25	11,400	11,450	- 50	2,100	1,900	200
2025/26	11,200	11,800	- 600	2,100	1,900	200

All data rounded to nearest 50, components may not sum to totals due to rounding.

Figure 5: Milton Keynes Net Migration, Natural Change and Net Change 2011 – 2026

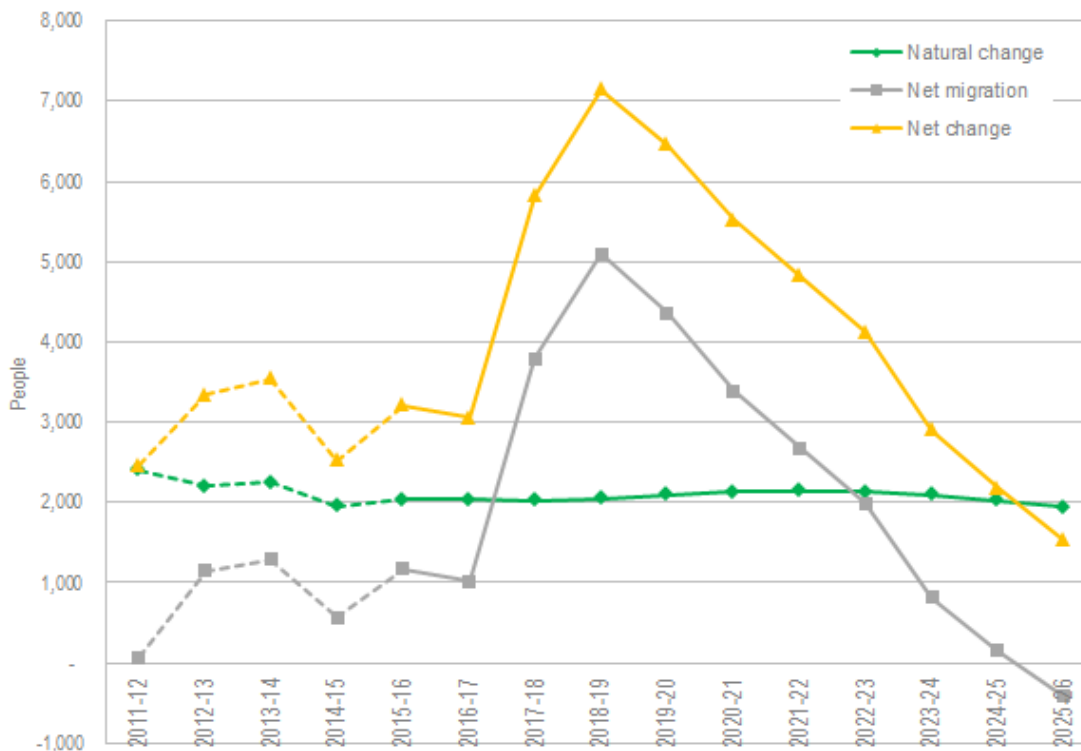


Table 5: Milton Keynes Net Migration, Natural Change and Net Change 2011 – 2026

Year	Natural change	Net migration	Net change
2011/12	2,400	50	2,450
2012/13	2,200	1,150	3,350
2013/14	2,250	1,300	3,550
2014/15	1,950	550	2,500
2015/16	2,050	1,150	3,200
2016/17	2,050	1,000	3,050
2017/18	2,000	3,800	5,800
2018/19	2,050	5,100	7,150
2019/20	2,100	4,350	6,450
2020/21	2,150	3,400	5,500
2021/22	2,150	2,700	4,800
2022/23	2,150	2,000	4,100
2023/24	2,100	800	2,900
2024/25	2,000	150	2,150
2025/26	1,950	-400	1,550

All data rounded to nearest 50, components may not sum to totals due to rounding.

Figure 5 and table 5 shows the trend in the natural change, net migration and net change. Generally natural change is steady compared to net migration over the projection period. Net migration is expected to increase until 2018/19 with a dip in 2016/17 and thereafter a continuous fall until 2025/26.

6. Projections by Age Structure 2011-2026

Figure 6: Milton Keynes & England Population by Proportion of Age Group, 2015

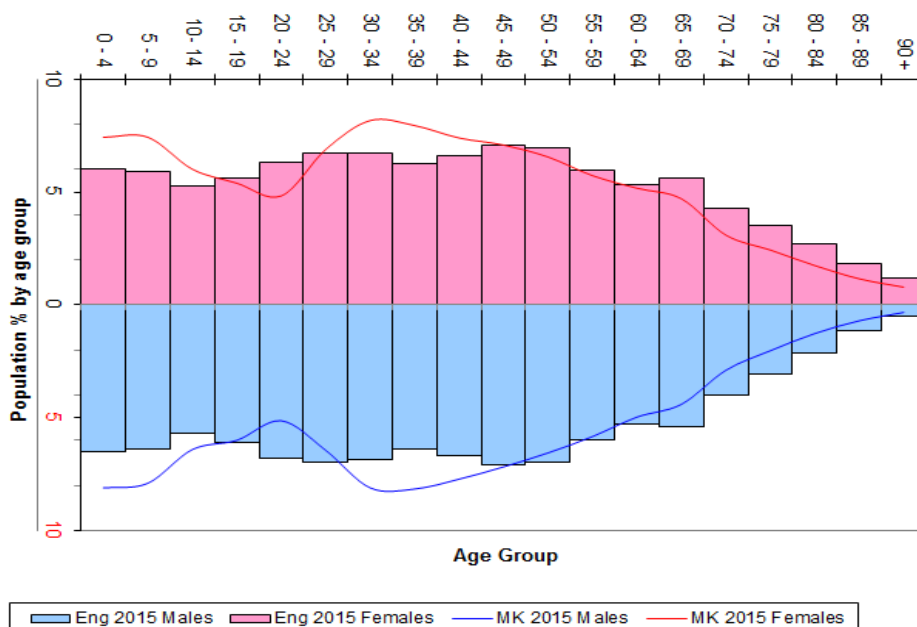


Figure 6 shows that Milton Keynes has a younger than average population with the under 16s and the working age population being proportionally higher than the national average and the proportion of retired and elderly people being lower.

Figure 7: Milton Keynes & England Population by Proportion of Age Group, 2026

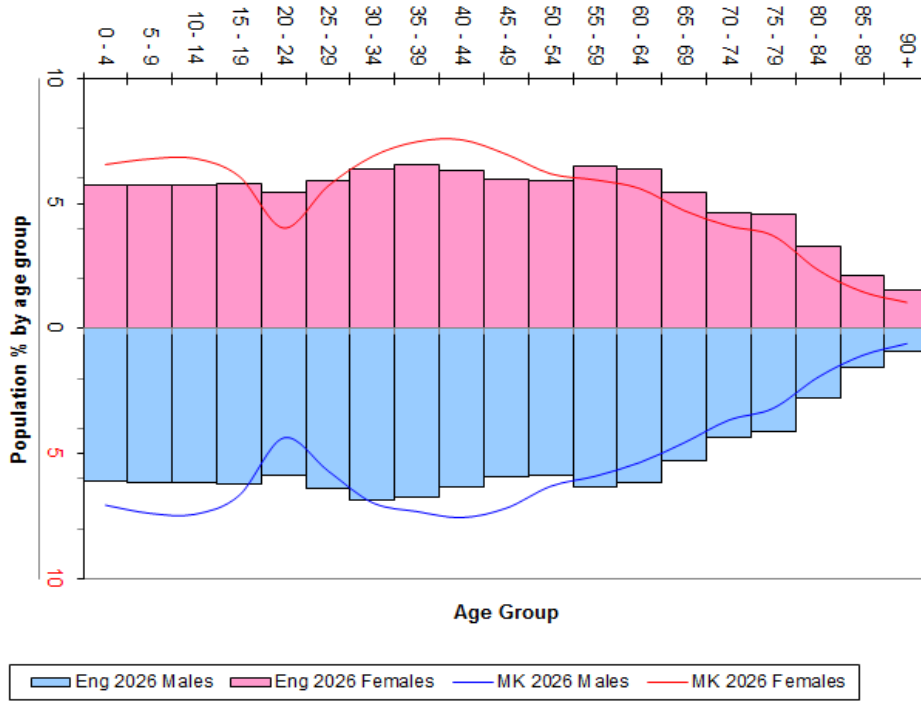


Figure 7 shows that Milton Keynes will still have a younger population than the national average in 2026.

Figure 8: Milton Keynes Population by Age Group 2015 & 2026

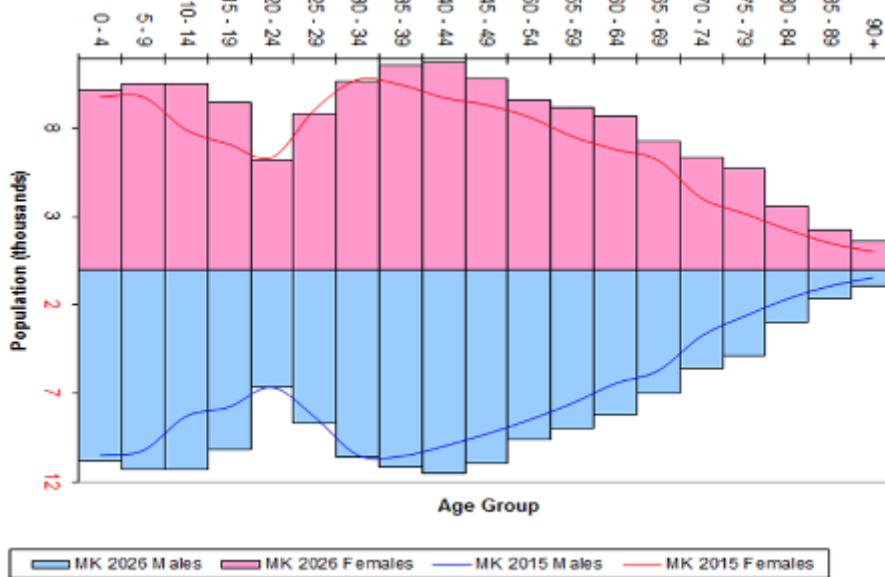


Figure 9: England Population by Age Group 2015 & 2026

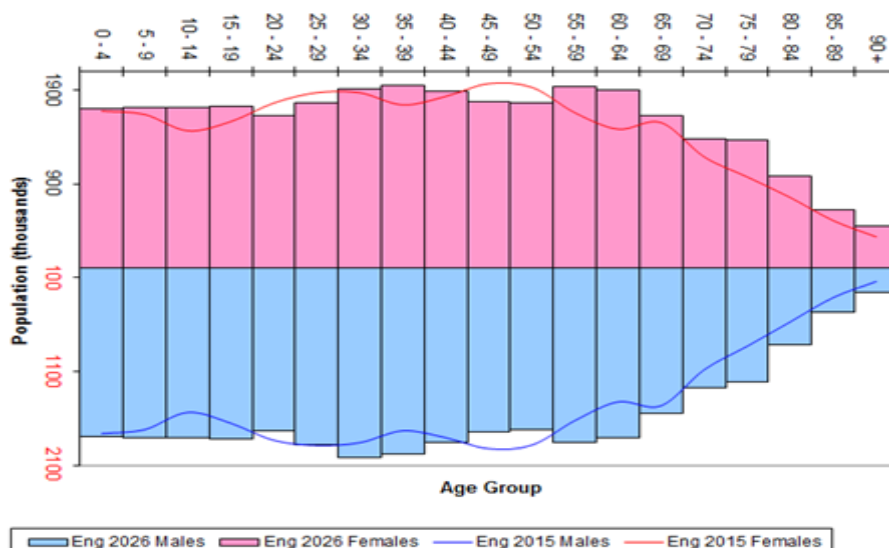


Table 6: Milton Keynes Population Projections 2015-2026

Rounded	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2015-26 growth
0-4	20300	20050	19750	19800	20100	20400	20700	20950	21100	21150	21100	21000	3.4%
5-16	42650	43850	45100	46600	48050	49350	50400	51400	52050	52400	52500	52550	23.2%
17-24	21550	21450	21250	21550	21850	22250	22500	22650	22950	23200	23500	23800	10.4%
25-64	143800	144750	145750	148200	151650	154550	156950	158900	160350	161050	161350	161200	12.1%
65-79	25600	26700	27700	28800	29900	31050	32200	33250	34250	35150	36150	36900	44.1%
80+	7850	8150	8500	8900	9400	9800	10200	10650	11200	11850	12400	13100	66.9%

Detailed figures of population by age group can be seen in appendix 1.

Early years – 0 to 4 years old

0 to 4 year olds are projected to increase from 20,300 to 21,000, a rise of 3 per cent between 2015 and 2026.

School Age Population – 5 to 16 year olds

5 to 16 year olds are projected to increase from 42,650 to 52,550, a rise of 23 per cent between 2015 and 2026.

Young Adults – 17 to 24 year olds

17 to 24 year olds are projected to increase from 21,550 to 23,800, a rise of 10 per cent between 2015 and 2026. There was an initial decrease from 2015 to 2017.

Adults – 25 to 64 year olds

25 to 64 year olds are projected to increase from 143,800 to 161,200, a rise of 12 per cent between 2015 and 2026. This age group has the biggest proportion of all age group throughout the years.

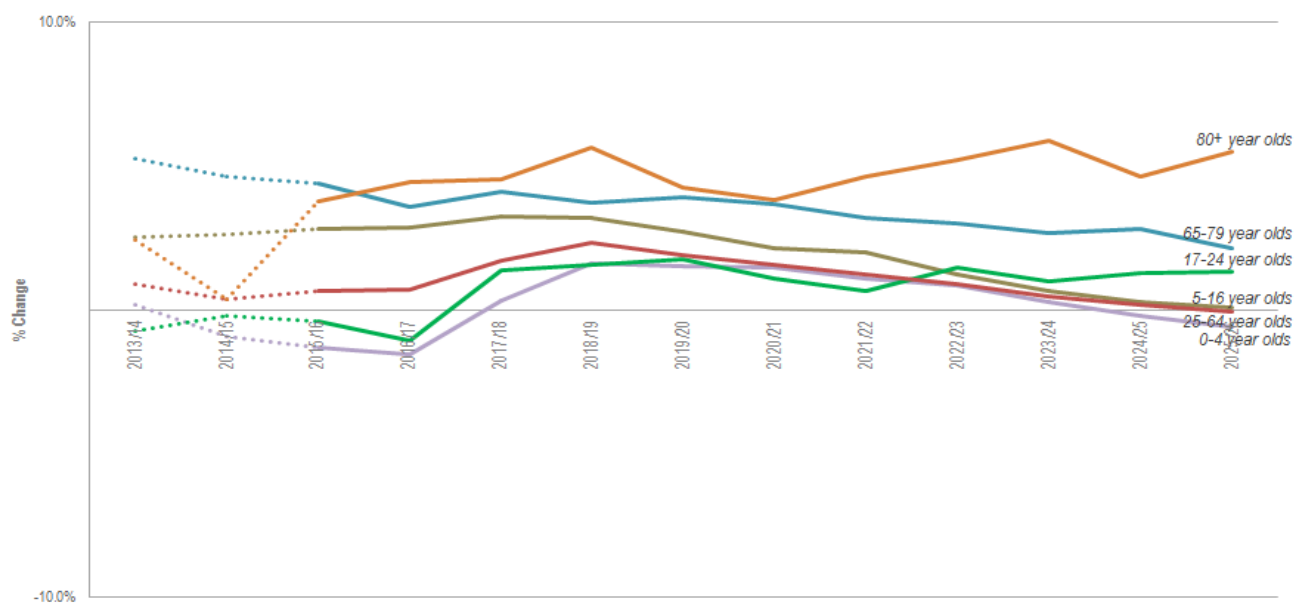
Older People – Aged 65-79

65 to 79 year olds are projected to increase from 25,600 to 36,900, a rise of 44 per cent between 2015 and 2026. Although this age group is not the highest proportion the population will increase over time.

Elderly People – Aged 80+

The number of people aged 80 and over are projected to increase from 7,850 to 13,100, a rise of 67 per cent between 2015 and 2026.

Figure 10: Percentage Change in age groups from 2013-2026 in Milton Keynes



All age groups are projected to increase in Milton Keynes in the projections period with the fastest increase in the older population.

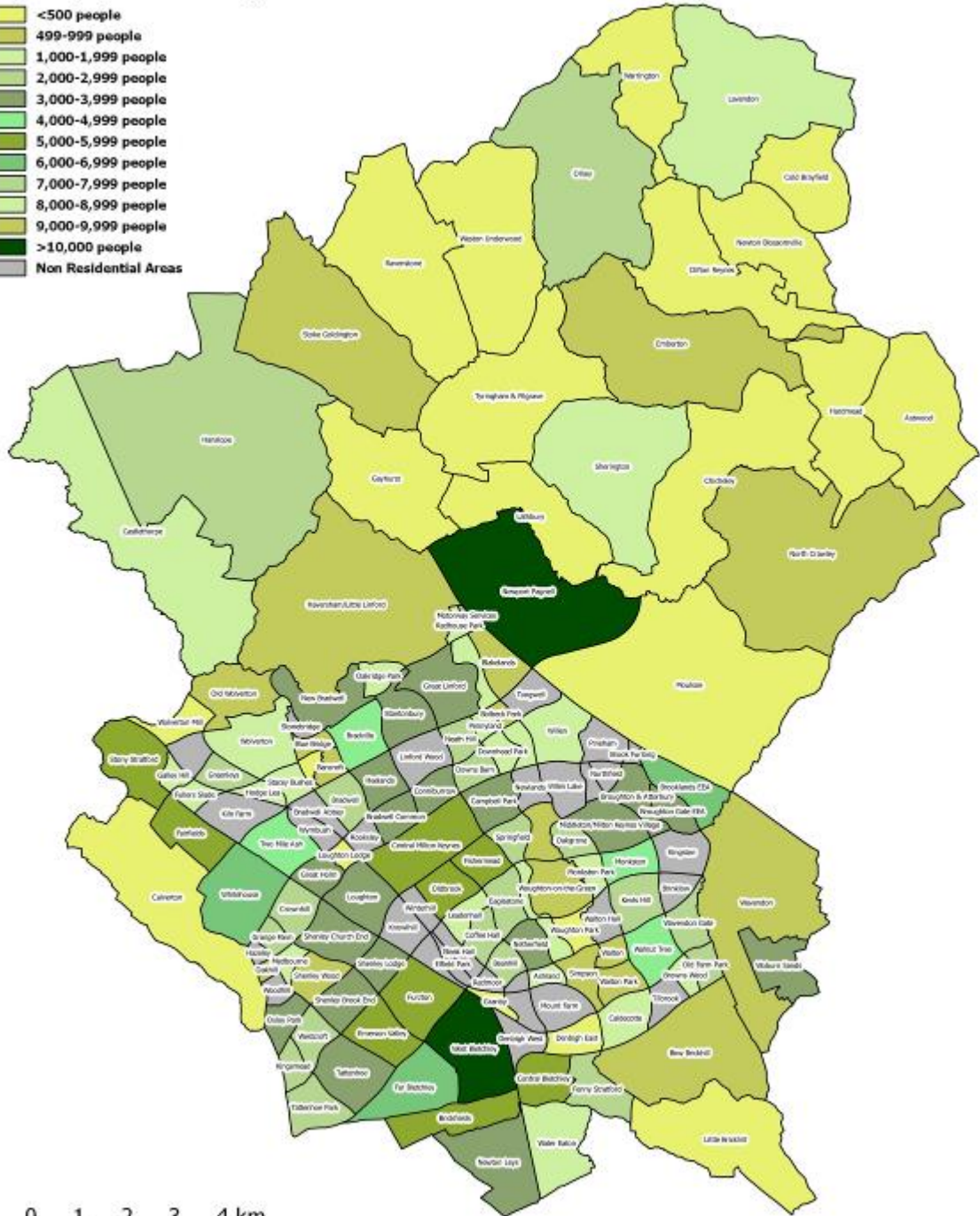
Old Wolverton	500	650	700	800	800	800	800	800	800	800	800	800	800	800	800	800
Oldbrook	5,900	5,800	5,750	5,800	5,750	5,750	5,750	5,850	5,850	5,850	5,850	5,850	5,850	5,850	5,850	5,850
Olney	6,500	6,450	6,450	6,500	6,450	6,500	6,500	6,600	6,750	6,850	6,950	7,200	7,400	7,400	7,400	7,400
Oxley Park	2,450	2,600	3,000	3,300	3,500	3,500	3,550	3,800	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850
Peartree Bridge	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Pennyland	1,050	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Ravenstone	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Redhouse Park	450	550	700	900	1,100	1,250	1,250	1,250	1,350	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Shenley Brook End	3,600	3,550	3,550	3,550	3,600	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650
Shenley Church End	3,800	3,750	3,700	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650	3,650
Shenley Lodge	3,350	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300
Shenley Wood	-	500	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Sherington	950	950	950	950	950	950	950	1,000	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Simpson	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
Springfield	2,450	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Stacey Buses	1,250	1,250	1,250	1,300	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350	1,350
Stantonbury	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500
Stoke Goldington	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Stony Stratford	4,950	5,050	5,050	5,050	5,050	5,050	5,050	5,050	5,100	5,100	5,100	5,100	5,100	5,100	5,100	5,100
Tattenhoe	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850	3,850
Tattenhoe Park	-	-	-	-	150	200	200	200	450	1,000	1,550	2,050	2,350	2,500	2,500	2,500
Tinkers Bridge	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Two Mile Ash	4,250	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
Tyringham & Filgrave	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Walnut Tree	4,100	4,050	4,050	4,000	4,000	4,000	4,000	4,000	4,050	4,050	4,050	4,050	4,050	4,050	4,050	4,050
Walton	-	200	300	400	500	550	550	550	550	550	550	550	550	550	550	550
Walton Park	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
Warrington	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Water Eaton	8,500	8,500	8,500	8,600	8,550	8,550	8,550	8,550	8,550	8,650	8,750	8,850	8,850	8,850	8,850	8,850
Wavendon	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
Wavendon Gate	2,300	2,300	2,300	2,250	2,250	2,250	2,250	2,250	2,350	2,550	2,600	2,600	2,600	2,600	2,600	2,600
West Blechley	10,400	10,500	10,700	10,800	10,750	10,750	10,850	10,850	10,850	10,850	10,850	10,850	10,850	10,850	10,850	10,850
Westcroft	2,800	2,750	2,750	2,850	2,900	2,900	2,900	2,900	2,950	2,950	2,950	2,950	2,950	2,950	2,950	2,950
Weston Underwood	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Whitehouse	-	-	-	-	-	-	450	1,300	2,400	3,300	4,050	4,700	5,350	5,900	6,400	6,800
Willen	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Willen Park	1,250	1,300	1,350	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Woburn Sands	2,900	2,950	3,100	3,200	3,350	3,500	3,600	3,700	3,900	3,950	3,950	3,950	3,950	3,950	3,950	3,950
Wolverton	7,050	7,050	7,600	7,950	8,050	8,050	8,050	8,050	8,200	8,300	8,300	8,300	8,300	8,300	8,300	8,300
Wolverton Mill	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Woolstone	850	850	850	850	850	850	850	850	850	850	850	850	850	850	850	850
Woughton Park	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Woughton-on-the-Green	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Strategic Land Allocation	-	-	-	-	-	400	450	800	1,950	3,250	4,400	5,400	6,100	6,650	7,050	7,150
Urban Windfall (Unknown Area)	-	-	-	-	-	150	300	450	600	750	850	1,000	1,150	1,250	1,350	1,450
Rural Windfall (Unknown Area)	-	-	-	-	-	100	150	250	350	450	500	600	650	750	800	850
Total	249,900	252,350	255,700	259,250	261,750	264,950	268,050	273,850	281,000	287,450	292,950	297,750	301,900	304,800	306,950	308,500

The estates where the largest amount of housebuilding is planned are Brooklands, Fairfields and Whitehouse.



Map 1: Milton Keynes Settlement and Estate Populations 2026

Legend (Population in 2026)

- <500 people
- 499-999 people
- 1,000-1,999 people
- 2,000-2,999 people
- 3,000-3,999 people
- 4,000-4,999 people
- 5,000-5,999 people
- 6,000-6,999 people
- 7,000-7,999 people
- 8,000-8,999 people
- 9,000-9,999 people
- >10,000 people
- Non Residential Areas



1 0 1 2 3 4 km

Milton Keynes Settlements and Estate Population in 2026			 Scale 1:109,999
 Milton Keynes Council	Research & Intelligence GIS Team	Plan produced by: Ken Farrier Tel: 01908 254264 Date: 22/3/2017	
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8. Ward Population Projections 2011-2026

Table 8: Milton Keynes Ward Population Projections 2014 – 2026

Ward	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Bletchley East	13,650	14,150	14,700	15,100	15,950	16,400	16,850	17,200	17,450	17,550	17,700	17,700	17,700
Bletchley Park	14,700	14,900	14,900	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Bletchley West	14,800	14,850	14,850	14,850	14,850	14,850	14,850	14,850	14,850	14,850	14,850	14,850	14,850
Bradwell	13,050	13,100	13,100	13,100	13,100	13,100	13,100	13,100	13,100	13,100	13,100	13,100	13,100
Broughton	12,700	13,500	14,750	15,700	17,500	19,150	20,050	20,800	21,300	21,400	21,400	21,400	21,400
Campbell Park & Old Woughton	12,900	12,850	13,250	13,550	13,700	13,700	13,900	14,300	14,750	15,300	15,600	15,950	16,250
Central Milton Keynes	16,050	16,250	16,250	16,350	16,450	16,450	16,450	16,450	16,800	17,450	18,050	18,600	19,050
Danesborough & Walton	12,100	12,200	12,350	12,550	13,100	14,650	16,200	17,450	18,500	19,250	19,950	20,250	20,350
Loughton & Shenley	15,000	14,900	14,900	14,900	14,950	15,050	15,050	15,050	15,050	15,050	15,050	15,050	15,050
Monkston	13,400	13,250	13,350	13,350	13,400	13,500	13,500	13,500	13,500	13,500	13,500	13,500	13,500
Newport Pagnell North & Hanslope	11,800	11,850	12,000	12,050	12,150	12,200	12,350	12,350	12,350	12,350	12,350	12,350	12,350
Newport Pagnell South	11,300	11,250	11,300	11,300	11,400	11,650	11,850	12,100	12,300	12,550	12,750	12,900	13,050
Olney	11,850	11,800	11,850	11,850	11,950	12,150	12,250	12,400	12,650	12,850	12,850	12,850	12,850
Shenley Brook End	14,050	14,000	14,050	14,050	14,050	14,050	14,050	14,050	14,050	14,050	14,050	14,050	14,050
Stantonbury	16,150	16,250	16,250	16,250	16,250	16,250	16,250	16,250	16,250	16,250	16,250	16,250	16,250
Stony Stratford	10,800	10,800	11,250	12,000	13,600	15,600	17,500	19,050	20,300	21,450	22,400	23,100	23,550
Tattenhoe	11,400	11,900	11,950	12,000	12,400	13,050	13,900	14,700	15,250	15,550	15,700	15,700	15,700
Wolverton	15,500	15,700	15,700	15,700	15,700	15,900	16,050	16,050	16,050	16,050	16,050	16,050	16,050
Woughton & Fishermead	18,150	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300	18,300
Total	259,250	261,750	264,950	268,050	273,850	281,000	287,450	292,950	297,750	301,900	304,800	306,950	308,500

Urban and Rural Windfall areas excluded from allocated ward areas.

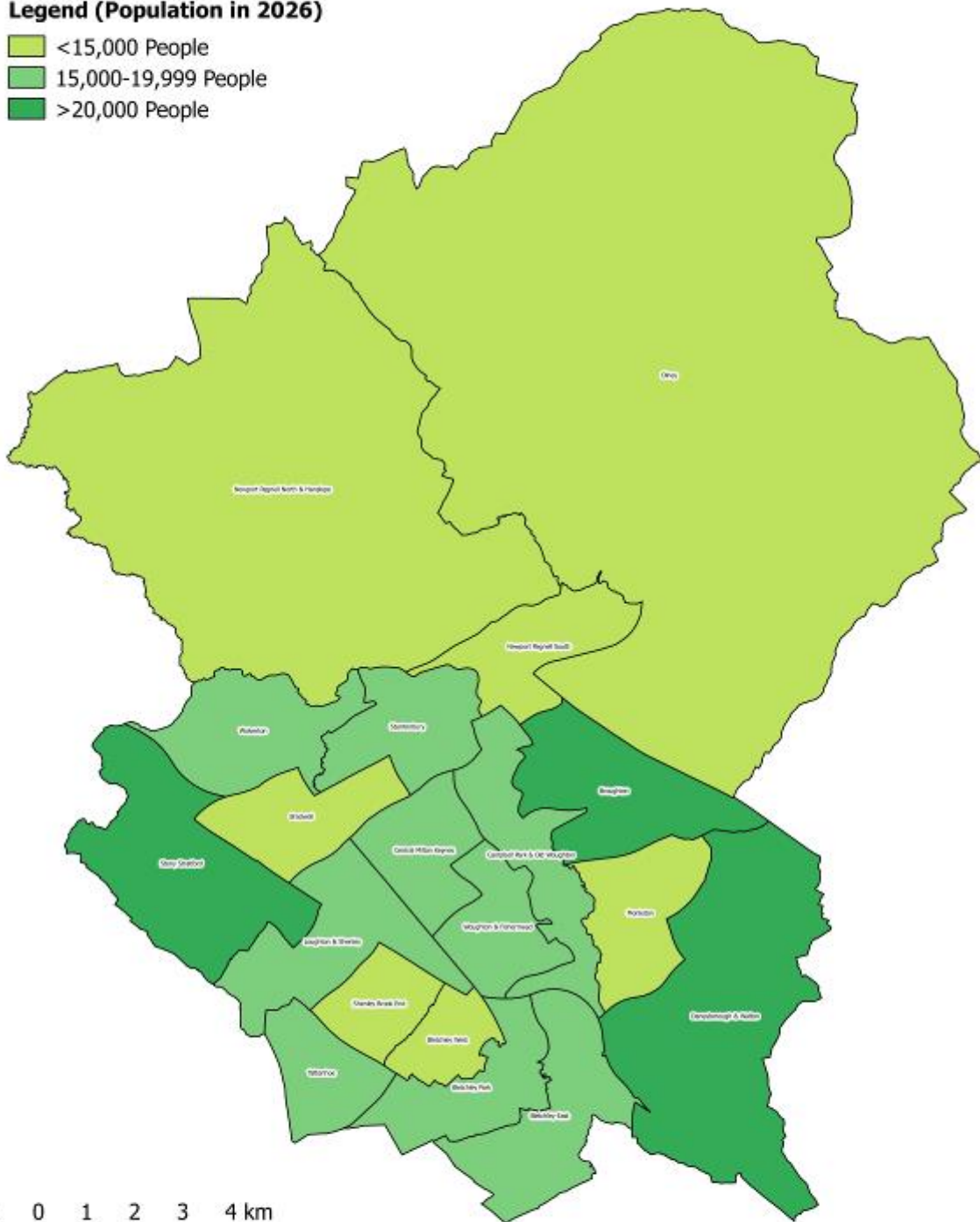
Components may not sum to totals due to rounding.



The wards where the largest amount of housebuilding is planned are Broughton, Danesborough & Walton and Stony Stratford.

Map 2: Milton Keynes Ward Populations 2026

Legend (Population in 2026)

- <15,000 People
- 15,000-19,999 People
- >20,000 People



Milton Keynes Ward Population in 2026				 Scale 1:108,207
	Research & Intelligence GIS Team	Plan produced by: Ken Farrier © Crown copyright and database rights 2017 OS (100019593)	Tel: 01908 254264 Date: 30/1/2017 Ref: 2980	

9. Parish Population Projections 2011-2026

Table 9: Milton Keynes Parish Population Projections 2011 – 2026

Parish	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Abbey Hill	4,260	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
Astwood & Hardmead	260	260	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Bletchley and Fenny Stratford	15,500	16,020	16,450	16,900	17,550	18,050	18,450	19,200	19,700	20,100	20,450	20,700	20,800	20,900	20,900	20,900
Bow Brickhill	560	560	550	550	550	550	550	600	600	600	600	600	600	600	600	600
Bradwell	9,700	9,600	9,550	9,600	9,550	9,550	9,550	9,550	9,550	9,550	9,550	9,550	9,550	9,550	9,550	9,550
Broughton & Milton Keynes	8,100	9,060	9,550	10,550	11,750	12,900	13,800	15,500	17,100	18,000	18,700	19,200	19,300	19,300	19,300	19,300
Calverton	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Campbell Park	15,760	15,560	15,500	15,500	15,400	15,400	15,600	15,800	15,800	16,000	16,350	16,800	17,350	17,600	17,950	18,250
Castlethorpe	1,060	1,060	1,050	1,100	1,100	1,100	1,100	1,100	1,100	1,150	1,150	1,150	1,150	1,150	1,150	1,150
Central Milton Keynes	3,600	3,700	3,650	3,650	3,850	3,950	4,050	4,050	4,050	4,050	4,050	4,400	5,000	5,600	6,050	6,500
Chicheley	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Clifton Reynes & Newton Blossomville	460	460	450	450	450	450	450	450	450	450	450	450	450	450	450	450
Cold Brayfield	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Emberton	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
Fairfields	-	-	-	-	50	300	600	1,250	2,050	2,950	3,700	4,250	4,700	5,050	5,150	5,150
Gayhurst	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Great Linford	19,600	19,720	19,950	20,250	20,300	20,450	20,450	20,450	20,450	20,450	20,450	20,450	20,450	20,450	20,450	20,450
Hanslope	2,360	2,360	2,400	2,400	2,400	2,400	2,400	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450
Haversham-cum-Little Linford	860	860	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Kents Hill, Monkston and Brinklow	8,360	8,260	8,250	8,300	8,350	8,400	8,400	8,450	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500
Lathbury	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Lavendon	1,260	1,260	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Little Brickhill	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Loughton	6,460	6,360	6,300	6,300	6,350	6,350	6,350	6,350	6,350	6,350	6,350	6,350	6,350	6,350	6,350	6,350
Moulsoe	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Bradwell	3,160	3,160	3,200	3,200	3,200	3,200	3,200	3,200	3,250	3,250	3,300	3,300	3,300	3,300	3,300	3,300
Newport Pagnell	15,100	15,160	15,150	15,150	15,150	15,200	15,200	15,350	15,550	15,750	16,000	16,200	16,400	16,600	16,750	16,900
North Crawley	760	760	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Old Woughton	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
Olney	6,500	6,460	6,450	6,500	6,450	6,500	6,500	6,600	6,750	6,850	6,950	7,200	7,400	7,400	7,400	7,400
Ravenstone	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Shenley Brook End	25,900	25,720	25,700	25,850	26,150	26,200	26,200	26,350	26,900	27,700	28,500	29,000	29,300	29,450	29,450	29,450
Shenley Church End	13,100	13,600	14,200	14,450	14,550	14,550	14,600	14,950	15,100	15,100	15,100	15,100	15,100	15,100	15,100	15,100
Sherrington	960	960	950	950	950	950	950	1,000	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Simpson and Ashland	1,160	1,160	1,150	1,300	1,450	1,750	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850
Stantonbury	9,900	10,260	10,550	10,750	10,700	10,700	10,700	10,700	10,800	10,850	10,850	10,850	10,850	10,850	10,850	10,850
Stoke Goldington	560	560	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Stony Stratford	7,800	7,900	7,900	7,950	7,900	7,900	7,900	7,900	7,950	7,950	7,950	7,950	7,950	7,950	7,950	7,950
Tyringham and Filgrave	260	260	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Walton	11,900	12,060	12,150	12,200	12,250	12,300	12,350	12,350	12,450	12,550	12,550	12,550	12,550	12,550	12,550	12,550
Warrington	60	60	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Wavendon	800	800	800	800	800	800	800	1,200	2,400	3,800	4,950	5,950	6,650	7,250	7,600	7,750
West Bletchley	22,200	22,360	22,650	22,750	22,600	22,600	22,750	22,750	22,750	22,750	22,750	22,750	22,750	22,750	22,750	22,750
Weston Underwood	260	260	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Whitehouse	-	-	-	-	150	300	750	1,600	2,700	3,650	4,350	5,000	5,650	6,200	6,700	7,150
Woburn Sands	2,900	2,960	3,100	3,200	3,350	3,500	3,600	3,700	3,900	3,950	3,950	3,950	3,950	3,950	3,950	3,950
Wolverton and Greenleys	12,500	12,660	13,350	13,800	13,950	13,950	13,950	13,950	14,050	14,200	14,200	14,200	14,200	14,200	14,200	14,200
Woughton	13,260	13,260	13,350	13,350	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250	13,250
Urban Windfall (Unknown Area)	-	-	-	-	-	150	300	450	600	750	850	1,000	1,150	1,250	1,350	1,450
Rural Windfall (Unknown Area)	-	-	-	-	-	100	150	250	350	450	500	600	650	750	800	850
Total	249,900	252,350	255,700	259,250	261,750	264,950	268,050	273,850	281,000	287,450	292,950	297,750	301,900	304,800	306,950	308,500

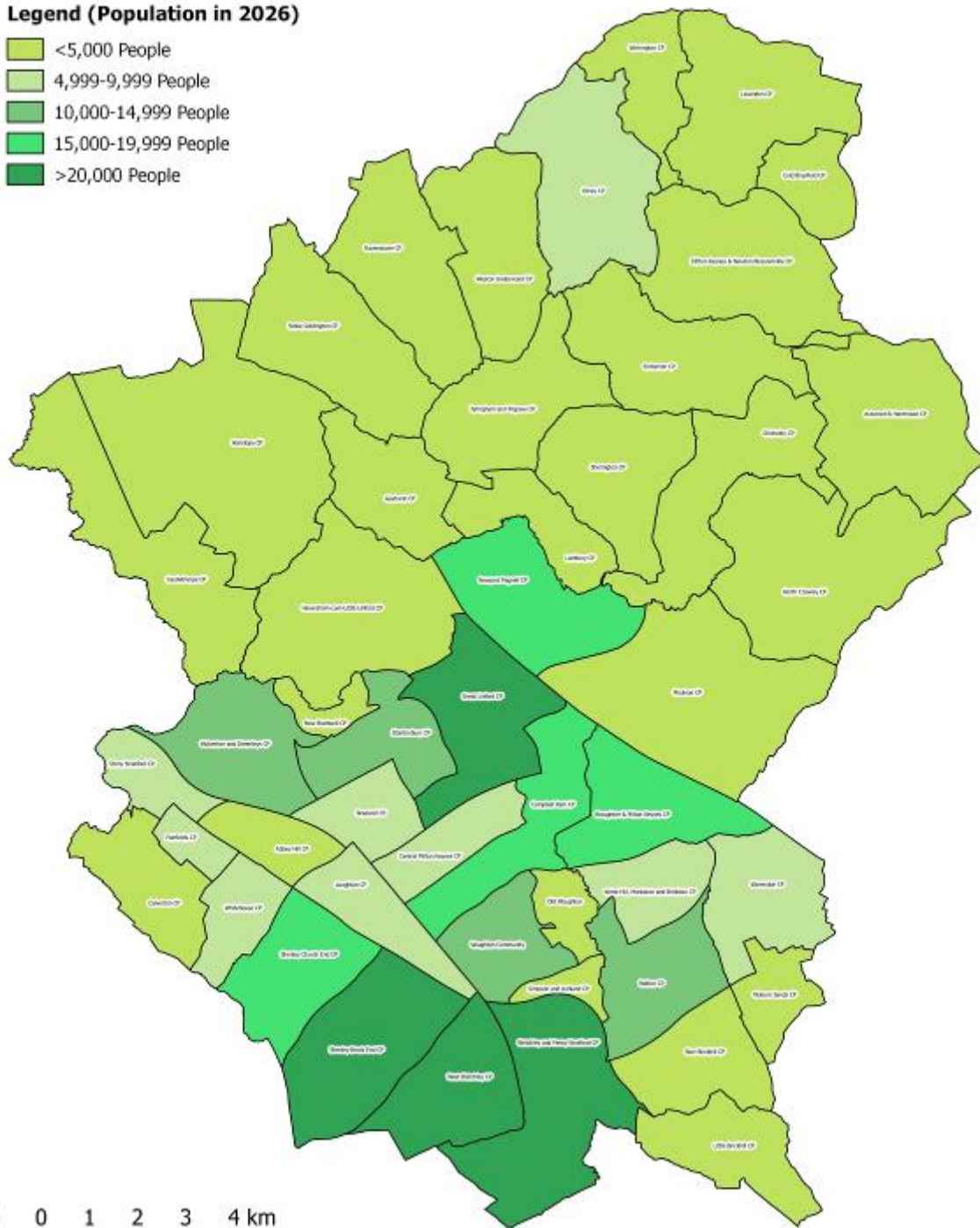
Components may not sum to totals due to rounding.

The parishes where the largest amount of housebuilding is planned are Broughton, Fairfields, Wavendon and Whitehouse.

Map 3: Milton Keynes Parish Populations 2026

Legend (Population in 2026)

- <5,000 People
- 4,999-9,999 People
- 10,000-14,999 People
- 15,000-19,999 People
- >20,000 People



1 0 1 2 3 4 km

Milton Keynes Parish Population in 2026



Research & Intelligence
GIS Team

Plan produced by: Ken Farrier

Tel: 01908 254264

Date: 30/1/2017

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Ref: 2980



Scale 1:108,207

10. Housing Projections

20,800 dwellings are anticipated to be built in Milton Keynes between 2015 and 2026.

Housing Forecasts are derived from the Milton Keynes Council 2016-2026 planned housing trajectory. Table 10 shows the number of completions each year between 2001/02 and 2015/16 and the forecast for the number of housing completions between 2016/17 and 2025/26. The current plan is to build 21,400 dwellings between 2016 and 2026.

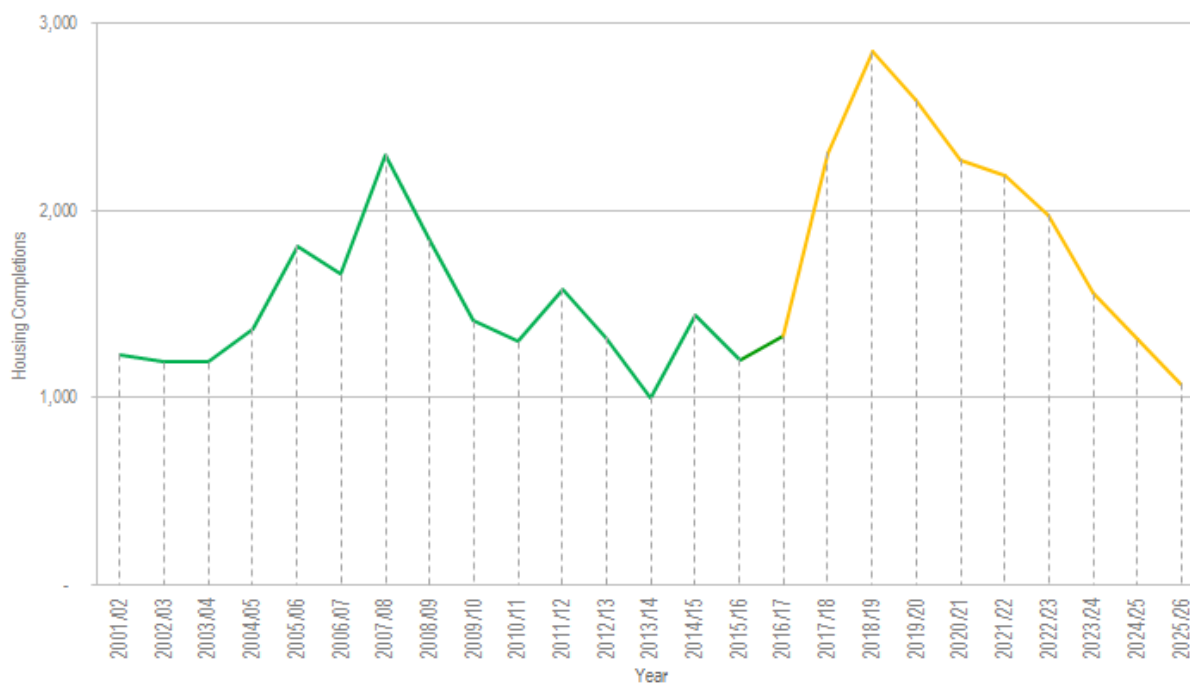
Table 10: Housing Completions & Forecasts 2001 to 2026

Year	Actual Completions		Total
	Urban	Rural	
2001/02	1,190	50	1,230
2002/03	1,140	50	1,190
2003/04	1,090	110	1,190
2004/05	1,260	110	1,370
2005/06	1,680	130	1,810
2006/07	1,480	180	1,660
2007/08	2,050	250	2,300
2008/09	1,710	130	1,840
2009/10	1,340	80	1,410
2010/11	1,180	110	1,300
2011/12	1,470	110	1,580
2012/13	1,260	60	1,320
2013/14	930	70	1,000
2014/15	1,340	100	1,440
2015/16	1,120	82	1,202

Year	Forecast Completions		Total
	Urban	Rural	
2016/17	1,220	100	1,330
2017/18	2,110	200	2,310
2018/19	2,510	340	2,850
2019/20	2,330	260	2,590
2020/21	2,070	210	2,270
2021/22	1,950	240	2,180
2022/23	1,740	240	1,980
2023/24	1,420	140	1,560
2024/25	1,180	140	1,310
2025/26	940	140	1,080

All data rounded to nearest 10, components may not sum to totals due to rounding.

Figure 11: Housing Completions and Forecasts 2001/02 to 2025/26



Green line: past figures, yellow line: Projections

Table 11: Total number of dwellings 2001 to 2026

Year	Estimated Housing Stock		Total
	Urban	Rural	
2001	72,440	14,760	87,200
2002	73,870	14,800	88,670
2003	74,950	14,840	89,800
2004	76,030	14,950	90,980
2005	77,260	15,080	92,340
2006	78,940	15,210	94,140
2007	80,420	15,380	95,800
2008	82,490	15,620	98,110
2009	84,160	15,790	99,950
2010	85,550	15,810	101,360
2011	86,910	15,910	102,820
2012	88,210	16,030	104,240
2013	89,460	16,080	105,540
2014	90,290	16,160	106,440
2015	91,720	16,250	107,970
2016	92,840	16,330	109,170
Forecast Completions			
2017	94,060	16,440	110,500
2018	96,180	16,640	112,810
2019	98,680	16,980	115,660
2020	101,010	17,240	118,250
2021	103,080	17,440	120,520
2022	105,030	17,680	122,700
2023	106,770	17,910	124,680
2024	108,190	18,050	126,230
2025	109,360	18,180	127,540
2026	110,300	18,320	128,620

All data rounded to nearest 10, components may not sum to totals due to rounding.

Table 11 outlines that the total number of dwellings in Milton Keynes increased from 87,200 in 2001 to 109,170 in 2016. By 2026 it will grow to 128,620 (18% increase from 2016).

There are planned housing developments in Milton Keynes which are reflected in the projections. On average, there are planned to be an additional 1,900 households built each year up to 2026.

Figure 12: Growth in Household in Milton Keynes 2011-2026

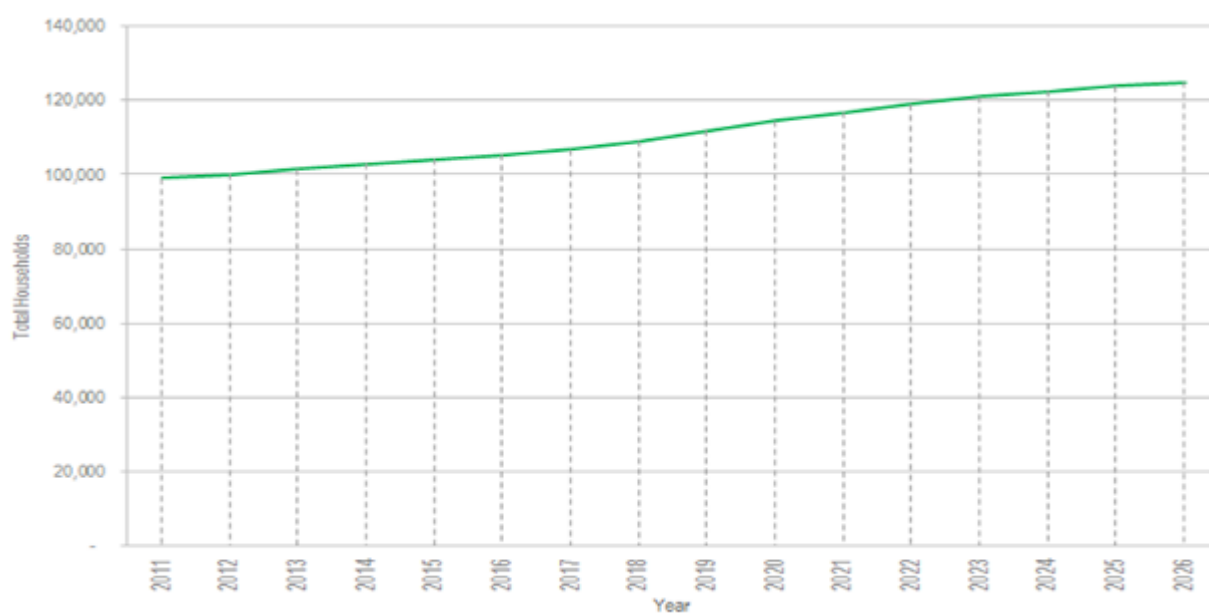


Figure 13: Growth in Household Types in Milton Keynes 2011-2026

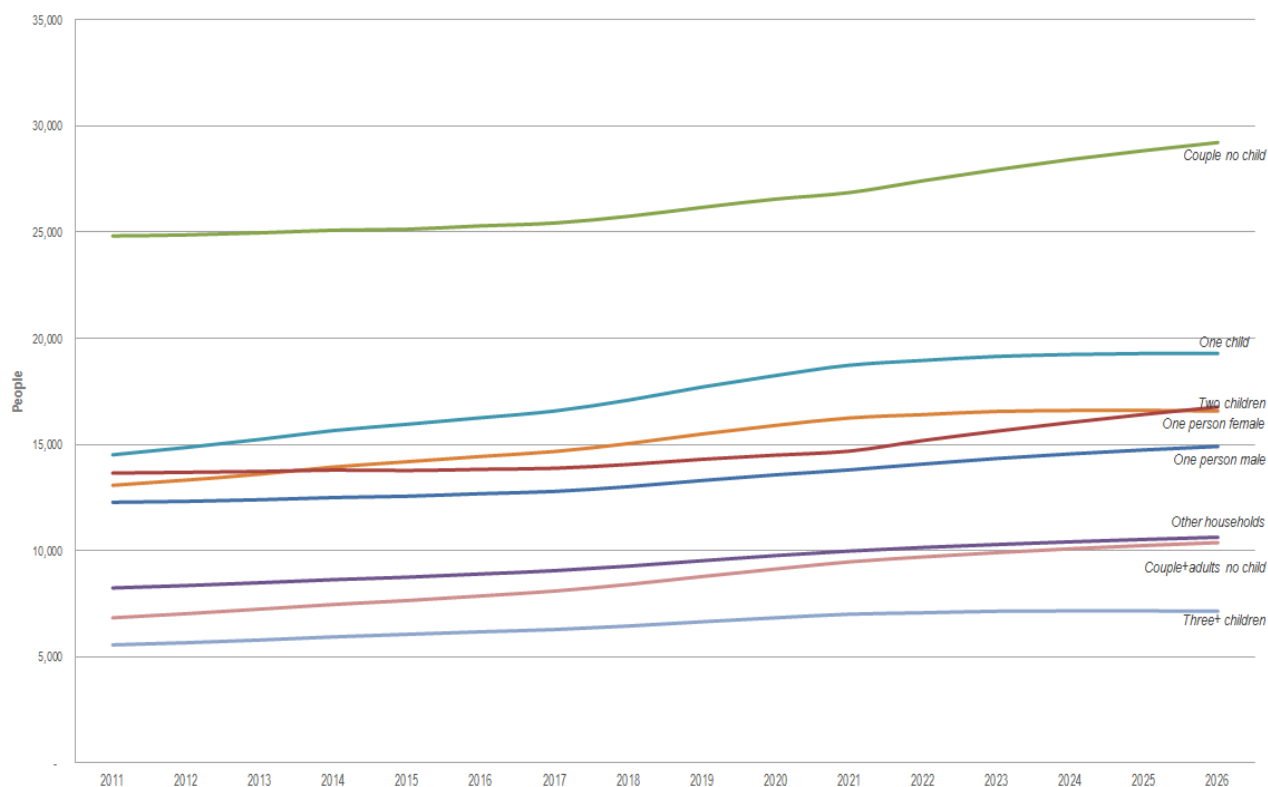


Table 12: Growth in Household Types in Milton Keynes Compared with Borough Population 2011-2026

Year	Household Types								Total Households	Total Borough
	One person male	One person female	Couple no child	Couple+adults no child	One child	Two children	Three+ children	Other households		
2011	11,850	14,000	24,700	7,450	15,100	12,950	6,150	6,750	99,000	249,900
2012	11,850	14,100	24,700	7,500	15,550	13,200	6,300	6,900	100,100	252,350
2013	12,000	14,300	24,900	7,600	15,900	13,400	6,450	7,150	101,700	255,700
2014	12,150	14,500	25,100	7,700	16,300	13,650	6,600	7,350	103,350	259,250
2015	12,550	13,750	25,150	8,750	15,950	14,200	6,050	7,650	104,100	261,750
2016	12,700	13,850	25,300	8,900	16,250	14,450	6,200	7,850	105,450	264,950
2017	12,800	13,900	25,450	9,050	16,600	14,650	6,300	8,100	106,800	268,050
2018	13,000	14,050	25,750	9,250	17,100	15,050	6,450	8,400	109,100	273,850
2019	13,300	14,300	26,150	9,550	17,700	15,500	6,650	8,800	111,950	281,000
2020	13,550	14,500	26,550	9,750	18,250	15,900	6,850	9,150	114,550	287,450
2021	13,800	14,700	26,850	10,000	18,750	16,250	7,000	9,500	116,800	292,950
2022	14,100	15,200	27,400	10,150	18,950	16,400	7,100	9,700	119,000	297,750
2023	14,350	15,650	27,950	10,300	19,150	16,550	7,150	9,900	120,950	301,900
2024	14,550	16,050	28,400	10,400	19,250	16,600	7,150	10,100	122,500	304,800
2025	14,750	16,400	28,850	10,550	19,300	16,600	7,150	10,250	123,850	306,950
2026	14,900	16,750	29,200	10,650	19,300	16,550	7,150	10,400	124,900	308,500
2011-26 growth	25.7%	19.6%	18.2%	43.0%	27.8%	27.8%	16.3%	54.1%	26.2%	23.4%

All data rounded to nearest 50, components may not sum to totals due to rounding.

Table 12 shows the distribution of household types against household growth. These data use the household formula from Communities & Local Government which project current trends into the future. The formula assumes a proportion of households are unoccupied so does not equal the figures in table 11. The largest number of households in Milton Keynes is in the 'couple with no child' category.

12. Labour Force Projections

The ratio of Male and Female labour force is approximately 55:45.

Figure 14 shows Milton Keynes labour force projections. The projections use an age break down of the Milton Keynes labour force from the 2011 Census and project these using the age and sex breakdown against the forecast population.

Total Milton Keynes Labour Force in 2011 was 138,550 people or 55% of the total population in Milton Keynes Borough. It is forecasted to grow to 158,300 people in 2026 (51%). The decline in the proportion of the population reflects the growing older population. These projections do not take account of any potential policy change regarding a change in the retirement age.

Figure 14: Milton Keynes Labour Force Projections 2011-2026

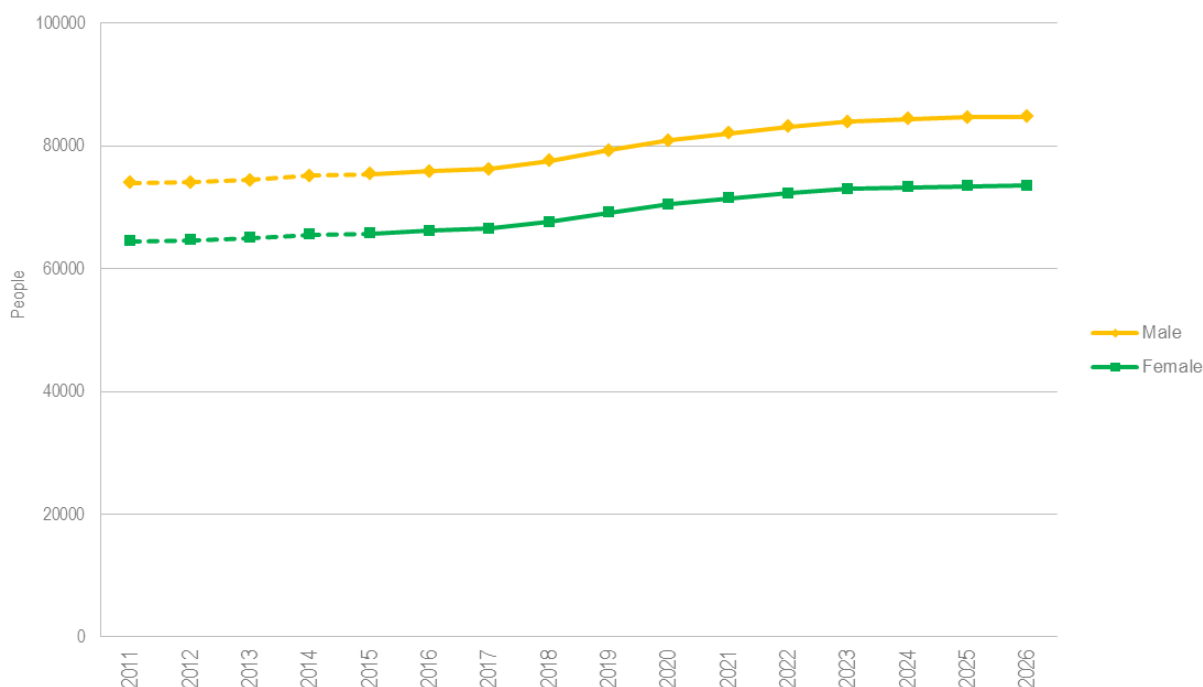


Table 13: Milton Keynes Labour Force Projections 2014-2031

Year	Male	Female	Total Milton Keynes Labour Force	Milton Keynes Borough Population
2011	74,000	64,500	138,550	249,900
2012	74,100	64,650	138,750	252,350
2013	74,500	65,050	139,550	255,700
2014	75,150	65,500	140,650	259,250
2015	75,450	65,750	141,200	261,750
2016	75,900	66,200	142,100	264,950
2017	76,250	66,550	142,800	268,050
2018	77,550	67,650	145,200	273,850
2019	79,300	69,150	148,450	281,000
2020	80,850	70,450	151,350	287,450
2021	82,050	71,500	153,550	292,950
2022	83,100	72,350	155,450	297,750
2023	83,950	72,950	156,950	301,900
2024	84,450	73,300	157,750	304,800
2025	84,650	73,450	158,150	306,950
2026	84,800	73,500	158,300	308,500

All data rounded to nearest 50, components may not sum to totals due to rounding.

Appendix 2: Milton Keynes Ward Population Projections 5 Year Age Groups (All Person) between 2015 and 2026

All Person in 2015	Bletchley East	Bletchley Park	Bletchley West	Bradwell	Broughton	Campbell Park & Old Woughton	Central Milton Keynes	Danesborough & Walton	Loughton & Shenley	Monkston	Newport Pagnell North & Hanslope	Newport Pagnell South	Olney	Shenley Brook End	Stantonbury	Stony Stratford	Tattenhoe	Wolverton	Woughton & Fishermead
0-4	1,350	1,100	1,000	1,000	1,350	850	1,300	750	950	1,100	700	700	650	1,050	1,350	850	1,100	1,450	1,750
5-9	1,250	1,060	1,070	1,050	1,240	690	990	840	1,070	1,190	760	690	770	1,100	1,330	810	1,200	1,200	1,760
10-14	940	760	860	740	880	620	900	760	1,010	990	600	550	670	1,030	980	640	1,040	960	1,320
15-19	780	750	820	760	670	650	890	780	940	820	540	590	630	950	920	580	860	830	1,140
20-24	750	700	810	650	570	700	1,140	540	780	680	500	510	400	660	830	480	500	860	980
25-29	970	930	790	790	1,040	990	1,930	630	970	880	540	570	410	850	1,130	590	690	1,360	1,380
30-34	1,120	1,140	970	1,050	1,650	1,020	1,900	790	1,200	1,220	750	760	540	1,010	1,330	740	940	1,600	1,590
35-39	1,050	1,010	940	1,030	1,520	940	1,580	950	1,300	1,240	800	790	620	1,210	1,180	780	1,330	1,320	1,490
40-44	890	940	950	940	1,210	840	1,190	970	1,180	1,260	850	830	810	1,250	1,080	720	1,450	1,070	1,350
45-49	870	980	1,040	790	860	860	940	1,110	1,140	1,170	850	850	960	1,330	1,030	720	1,040	960	1,180
50-54	790	990	1,000	860	650	920	1,200	1,010	1,140	820	870	790	970	1,180	990	700	690	870	1,010
55-59	680	850	930	890	500	960	780	820	940	640	860	860	910	810	940	650	400	820	890
60-64	680	850	960	800	390	810	650	630	650	420	840	790	830	590	1,020	600	230	690	860
65-69	700	830	860	650	300	770	500	580	560	340	850	750	870	410	830	690	180	610	640
70-74	520	630	720	430	220	460	290	350	410	170	540	460	610	220	530	470	100	390	350
75-79	350	540	560	310	200	310	200	270	280	120	380	300	480	180	340	320	90	300	310
80-84	240	440	310	190	140	220	110	200	230	80	280	220	350	100	220	220	50	220	140
85-89	150	270	170	100	80	120	30	110	110	60	210	170	250	50	160	160	20	150	90
90+	80	140	80	80	60	110	40	80	70	40	130	110	110	30	110	80	20	60	60
Total	14,150	14,900	14,850	13,100	13,500	12,850	16,250	12,200	14,900	13,250	11,850	11,250	11,800	14,000	16,250	10,800	11,900	15,700	18,300

All Person in 2026	Bletchley East	Bletchley Park	Bletchley West	Bradwell	Broughton	Campbell Park & Old Woughton	Central Milton Keynes	Danesborough & Walton	Loughton & Shenley	Monkston	Newport Pagnell North & Hanslope	Newport Pagnell South	Olney	Shenley Brook End	Stantonbury	Stony Stratford	Tattenhoe	Wolverton	Woughton & Fishermead
0-4	1,300	850	800	700	1,700	1,100	1,300	1,600	800	750	650	800	700	800	950	2,100	1,100	1,000	1,100
5-9	1,300	950	850	800	1,700	1,100	1,500	1,350	900	900	700	750	600	850	1,050	1,650	1,050	1,200	1,250
10-14	1,400	1,050	950	900	1,700	1,000	1,350	1,150	900	1,000	700	750	650	900	1,250	1,450	1,100	1,350	1,550
15-19	1,400	1,100	1,050	1,000	1,600	850	1,100	1,150	1,050	1,150	800	750	850	1,050	1,250	1,350	1,300	1,200	1,700
20-24	1,050	750	850	750	1,050	900	1,100	1,250	950	900	650	750	750	950	1,000	1,450	1,150	900	1,250
25-29	1,100	750	750	650	1,400	1,000	1,050	1,950	850	700	600	800	900	850	750	2,350	1,300	700	900
30-34	1,100	650	700	550	1,500	1,000	1,000	1,600	600	450	550	700	600	450	650	2,250	850	600	650
35-39	1,200	850	750	650	1,700	1,150	1,750	1,350	850	700	600	700	550	700	900	1,800	850	1,050	1,100
40-44	1,300	1,050	900	950	2,000	1,200	2,000	1,250	1,050	1,050	750	800	550	850	1,200	1,500	1,050	1,500	1,400
45-49	1,150	1,050	950	1,000	1,900	1,100	1,650	1,250	1,300	1,200	800	850	700	1,100	1,200	1,350	1,400	1,300	1,450
50-54	950	900	850	900	1,500	900	1,250	1,150	1,150	1,200	800	850	800	1,200	1,000	1,100	1,500	1,100	1,300
55-59	950	950	1,000	750	1,050	900	950	1,250	1,100	1,100	850	850	900	1,250	950	1,050	1,150	900	1,150
60-64	800	950	950	750	850	950	900	1,200	1,050	850	850	800	1,000	1,150	950	950	750	800	950
65-69	700	800	850	800	600	950	800	950	900	600	800	800	850	800	850	800	500	750	800
70-74	600	750	850	700	450	800	600	700	600	400	750	700	750	550	900	700	250	600	750
75-79	600	700	700	550	350	700	450	600	450	300	750	650	750	350	700	750	200	500	550
80-84	400	450	550	350	200	400	200	350	300	100	400	350	500	150	400	450	100	300	250
85-89	200	300	350	150	150	200	150	200	150	50	250	200	300	100	200	300	50	150	150
90+	150	200	150	100	100	150	50	150	100	50	150	150	200	50	100	200	50	100	50
Total	17,700	15,000	14,850	13,100	21,400	16,250	19,050	20,400	15,050	13,450	12,350	13,050	12,850	14,050	16,250	23,550	15,700	16,050	18,300

All data rounded to nearest 50, components may not sum to totals due to rounding.

Appendix 3: Population Projection Methodology

All pre 2016 population figures published in this report are based on official Office for National Statistics data. All 2016-2026 figures are population projections which have been produced by the Research and Intelligence Team at Luton Council using the POPGROUP model. The model uses a standard cohort component forecasting method to produce age specific population projections. The model relies on the imputation of various data and assumptions around:

The population age structure in the forecast's start year

2015 Mid-year Population Estimates Office for National Statistics.

Births, Deaths, Fertility rates and Mortality rates

The standard schedule of age-specific fertility and mortality rates is taken from the latest (2014-based) schedule produced by ONS.

Migration rates

The standard schedule of migration rates (internal and external) are from a 5 year average of ONS estimates specific to Milton Keynes. Migration levels are then constrained by household numbers.

Household Formation/Dwelling Requirements

The number of future dwellings is set as an input from the 2016/17 housing trajectory. The household projections produced by Department for Communities & Local Government (CLG) are used. These relate specifically to Milton Keynes, and give the probability of a member of the population being the head of a household. These estimates are then used to determine the household composition in Milton Keynes.

Sub District Population Projections

New ward boundaries for Milton Keynes were introduced in 2014 and are not comparable with the old ward boundaries. The ward projections use the full demographic projection as described above and use 2015 as a base year (Small Area Population Estimates Mid-2015 from ONS). Estate populations are estimated using dwelling and other local data, constrained to match the ward totals. Parish populations are aggregated from estate populations.

Labour Force Projections

Labour force projections are produced using POPGROUP based on 2011 Census labour market data. In order to capture changes in economic activity at each age, the labour force is projected by multiplying the resident population by age-sex specific economic activity rates which are derived from the 2011 Census.