Population Bulletin 2013/14

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Contents

1. Executive Summary

- In 1967, when Milton Keynes New Town was designated, the area had a mainly rural population of around 60,000.

- The official Office for National Statistics population estimate for Milton Keynes in 2012 was 252,400.

- Milton Keynes was the 10th fastest growing local authority in England between 2002 and 2012. In that period it grew by 17.3%.

- The population of Milton Keynes is forecast to grow to 302,100 by 2026. This is an increase of 49,700 people or 19.7% between 2012 and 2026.

- Milton Keynes has a relatively youthful population when compared with England. The average age is 35.5 years compared with 39.5 years in England.

- Just 11.7% of the population are aged 65+ compared with 16.9% in England.

- The older age groups are projected to experience a faster growth than younger age groups leading to an aging of the population. The population aged 65+ is projected to increase by 82.8% between 2012 and 2026.

- Wards which are projected to have the highest growth between 2012 and 2021 are Middleton (+9,000 people) and Danesborough (+5,400 people). Some more established wards with a low level of future housing development are projected to experience a small decrease.

- A number of estates are projected to experience very high population growth between 2012 and 2021 as a result of house building. These include the Western Expansion Areas (+6,500), Brooklands (+5,050), Wavendon (+4,450) and Newton Leys (+3,850).

- The projected natural increase (more births than deaths) accounts for 60.7% of the total projected population increase between 2012 and 2026.

- There was a significant increase in the number of births in Milton Keynes between 2001 and 2011. There were over a thousand extra births in 2011 than in 2001. However, births are projected to decrease from 3,800 in 2012 to 3,400 in 2026.

- The number of deaths is projected to increase between 2012 and 2026 due to an increase in the number of older people. Although death rates are expected to decrease as life expectancy increases.

- House building will continue to drive migration into Milton Keynes. 23,700 dwellings are forecast to be built on land already identified for development between 2012 and 2026.

- The average household size in 2011 in Milton Keynes of 2.53 is higher than England (2.36) but is projected to decrease slightly to 2.46 by 2026.

2. Introduction

The 2013/2014 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 they may change in the future.

The Population Bulletin provides information on the population projections for Milton Keynes. The population projections were created by the Research and Intelligence Team at Milton Keynes Council. They use PopGroup software to provide projections for the borough by age to 2026 and projections at ward, estate and settlement and parish level.

This 2013/14 Population Bulletin incorporates data from the 2011 Census. It includes revised base populations, fertility, mortality and migration assumptions, headship rates, and housing forecasts. A more detailed explanation of the methodology can be found in appendix 2.

This bulletin starts by providing information on the past population growth of Milton Keynes. It then moves on to provide the results of the population projections. This includes information on how the population is projected to grow in size to 2026 and how the age structure of the population is projected to change. Ward, estate and settlement and parish level projections to 2021 are then given. Section 9 describes the components of population growth; births, deaths and net migration and then sections 10 and 11 describe the housing forecasts and changes to household structure. The report finishes with estimates of the drive time population from Milton Keynes and ethnicity data.

An electronic copy of this publication can be found on the MKi Observatory website, where datasets can also be downloaded: www.mkiobservatory.org.uk

For more information please contact:

Research and Intelligence
Milton Keynes Council
Civic Offices
MK9 3EJ

01908 254257
research@milton-keynes.gov.uk

3. Past Population Growth

The Milton Keynes population grew from 60,000 in 1967 to 252,400 in 2012.

Milton Keynes was designated a New Town in 1967 with an existing population of just 60,000. In the intervening years there has been sustained population growth, this has increased the population to 252,400 in 2012. Graph one outlines the growth in Milton Keynes between 1967 and 2012. Between 1971 and 1991 the population grew by 110,500 (+163%) whilst between 1991 and 2011 the population grew by 71,600 (+40%).

Graph 1: Milton Keynes Past Population Growth 1967 -2012
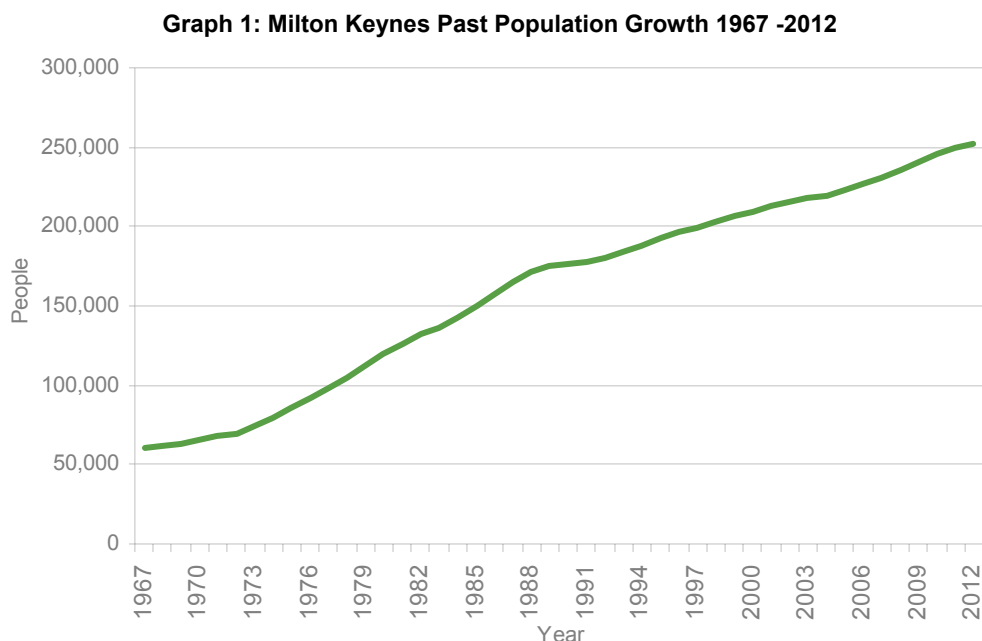
Milton Keynes is one of the fastest growing local authorities in England.

Table 1 outlines the ten fastest local authorities between 2002 and 2012. Over that period Milton Keynes grew by 37,300 people. That is a growth of 17.3%, the tenth fastest local authority in England and the fourth fastest outside of London.

Table 1: Population Growth 2002-2012

Name	2002	2012	Change	% change
Tower Hamlets	207,000	263,000	56,000	27.1
Newham	255,300	314,100	58,800	23.0
Hackney	211,000	252,100	41,100	19.5
Hounslow	216,900	259,100	42,200	19.4
Manchester	428,200	510,800	82,600	19.3
Corby	53,400	63,100	9,700	18.1
Greenwich	221,500	260,100	38,600	17.4
Peterborough	158,800	186,400	27,600	17.4
Waltham Forest	223,800	262,600	38,800	17.3
Milton Keynes	215,100	252,400	37,300	17.3

On average between 2002 and 2012 there was an increase of 3,700 people each year in Milton Keynes.

Table 2 provides the population for each year between 1967 and 2012 for Milton Keynes Borough and the City Area.

Table 2: Past Population Growth 1967-2012

| June	Milton Keynes City	Milton Keynes Borough
1967	40,000	60,000
1968	41,900	62,000
1969	43,400	63,500
1970	44,800	65,000
1971	47,500	67,800
1972	48,500	69,600
1973	51,900	73,800
1974	56,900	79,700
1975	62,500	86,100
1976	67,500	91,900
1977	73,400	98,600
1978	78,800	104,800
1979	85,000	111,900
1980	91,500	119,200
1981	97,500	126,000
1982	103,900	132,900
1983	106,700	136,200
1984	113,000	143,000
1985	119,000	149,500
1986	126,100	157,100
1987	133,700	165,200
1988	139,000	171,000
1989	142,200	174,800
1990	143,300	176,400
1991	144,700	178,300
1992	146,700	180,400
1993	150,000	183,900
1994	153,800	187,900
1995	158,200	192,400
1996	162,200	196,600
1997	165,100	199,700
1998	168,100	202,900
1999	171,800	206,700
2000	174,700	209,800
2001	177,400	212,700
2002	179,600	215,100
2003	182,000	217,600
2004	183,700	219,500
2005	187,400	223,500
2006	191,000	227,200
2007	194,600	231,000
2008	199,000	235,600
2009	203,400	240,200
2010	208,500	245,500
2011	212,850	249,900
2012	215,300	252,400

4. Population Projections 2012-2026

The population of Milton Keynes is projected to grow from 252,400 in 2012 to 302,100 in 2026. This is an increase of 49,700 people or 19.7%.

The population of Milton Keynes was 252,400 in 2012. Over the next 14 years it is forecast to grow by an average of 3,550 people per year to a total of 302,100 people. The majority of the growth will occur in the urban area, which will reach a population of 256,800 by 2026. Table 3 and graph 2 show how the population is projected to grow between 2012 and 2026.

Table 3: Milton Keynes Population Growth 2012-2026

Year	Urban	Rural	Milton Keynes Borough
2012	215,300	37,100	252,400
2013	218,100	37,200	255,300
2014	220,800	37,500	258,200
2015	224,200	38,000	262,200
2016	228,800	38,600	267,400
2017	234,400	39,300	273,700
2018	238,800	40,400	279,200
2019	241,600	41,300	282,800
2020	244,000	42,200	286,100
2021	246,400	43,100	289,500
2022	249,000	44,100	293,100
2023	251,600	44,700	296,300
2024	253,700	45,300	299,000
2025	255,300	45,300	300,600
2026	256,800	45,300	302,100

Graph 2: Milton Keynes Population Growth 2012-2026
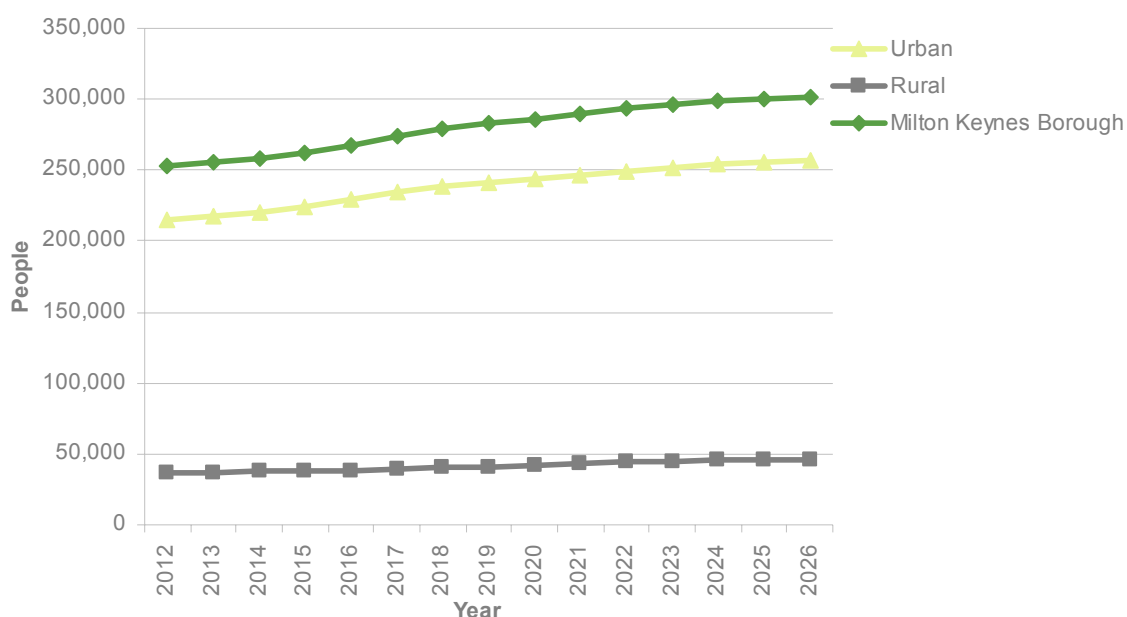
5. Age Structure 2012-2026

The average age in Milton Keynes is 35.5 years compared with 39.5 years in England.

The charts below show the age structure of the population of Milton Keynes in 2012 and 2026 compared with England. In 2012 Milton Keynes had a larger proportion of 0-14 year olds than England. 21.2% of the Milton Keynes population were aged 0-14 in 2012 compared with 17.7% in England. Milton Keynes also has a larger proportion of people aged 25-44 (31.3% compared with 27.2%). However just 11.7% of the population in Milton Keynes in 2012 were aged 65+ compared with 16.9% in England.

By 2026 the population of Milton Keynes is forecast to have aged. The median age will have grown to 39.5. The proportion of people aged 65+ in Milton Keynes will have risen to 17.8%, this is closer to the England figure of 20.5%. The proportion of 0-4 year olds will now be similar to that of England; however the proportion of 5-19 year olds will be significantly higher than England (20.9% in Milton Keynes compared with 17.8% in England).

Graph 3: 2012 Age Structure Milton Keynes and England
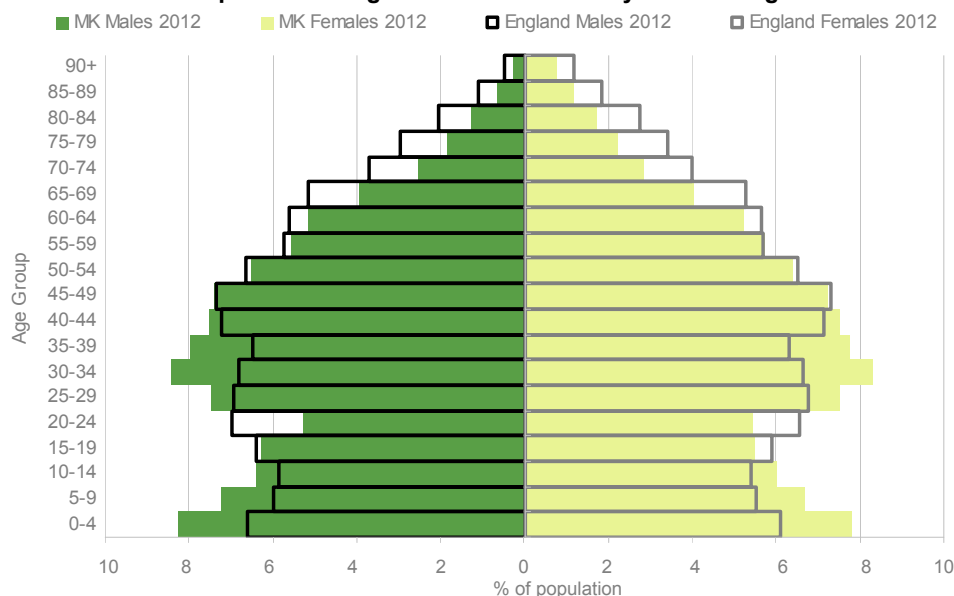
Graph 4: 2026 Age Structure Milton Keynes and England
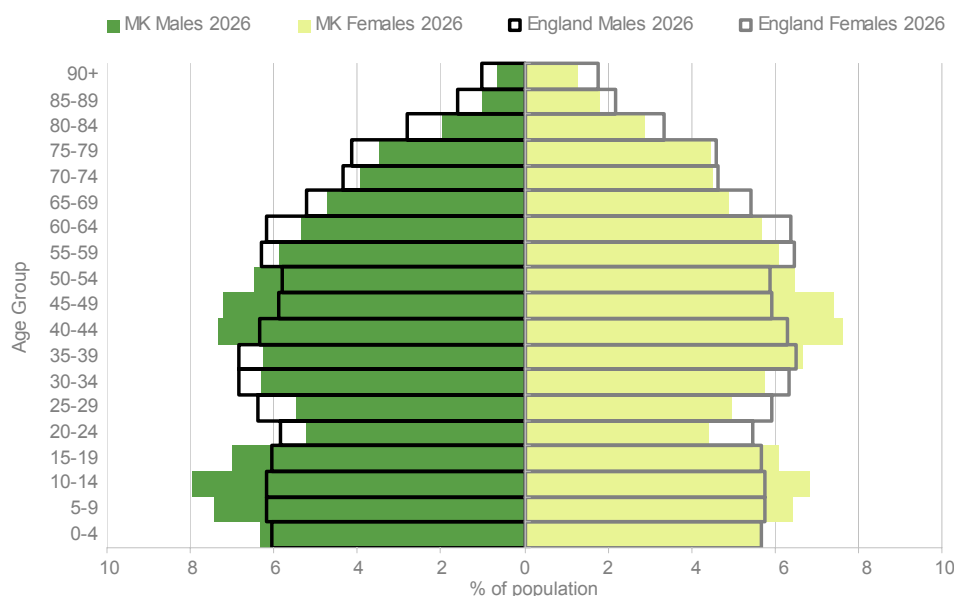
Graph 5 outlines the change expected up to 2026 for specific age groups in Milton Keynes Borough.

Early Years – 0 to 4 years old

The number of 0-4 year olds rose significantly between 2004 and 2012. In 2004 there were 14,700 0-4 years, by 2012 this had increased to 20,265 (an increase of 37.9%). The age group is forecast to continue rising until 2018, then due to decreasing birth rates to decrease to 18,100 in 2026.

School Age Population – 5 to 16 year olds

It is projected that there will be a 31.4% increase in the number of children aged 5-16 in the borough between 2012 and 2026. In contrast, the figures for England show just a 13.8% increase.

Young Adults – 17 to 24 year olds

Young adults in the borough are expected to increase in number from 22,000 in 2012 to 25,550 in 2026, an increase of 16.0%. The most substantial growth occurs in the age group after 2017. Between 2012 and 2026 the national projections anticipate this age group decreasing by 4.2%.

Adults – 25 to 64 year olds

The number of people aged 25 to 64 in the borough is expected to increase over the period 2012 to 2026 from 141,000 to 152,600 a rise of 8.2%. For England an increase of 5.1% is expected over the same period.

Older People – Aged 65 and over

In 2012 there were 29,500 people aged 65 and over in the borough, and this number is expected to increase by 82.8% to 53,900 by 2026. The corresponding increase nationally is 33.3%. In Milton Keynes the 65-79 age group is forecast to grow by 78.3% in this period, and the 80+ age group is forecast to almost double (+96.3%) from 7,400 to 14,600.

Graph 5: Percentage Change in age groups since 2012 in Milton Keynes
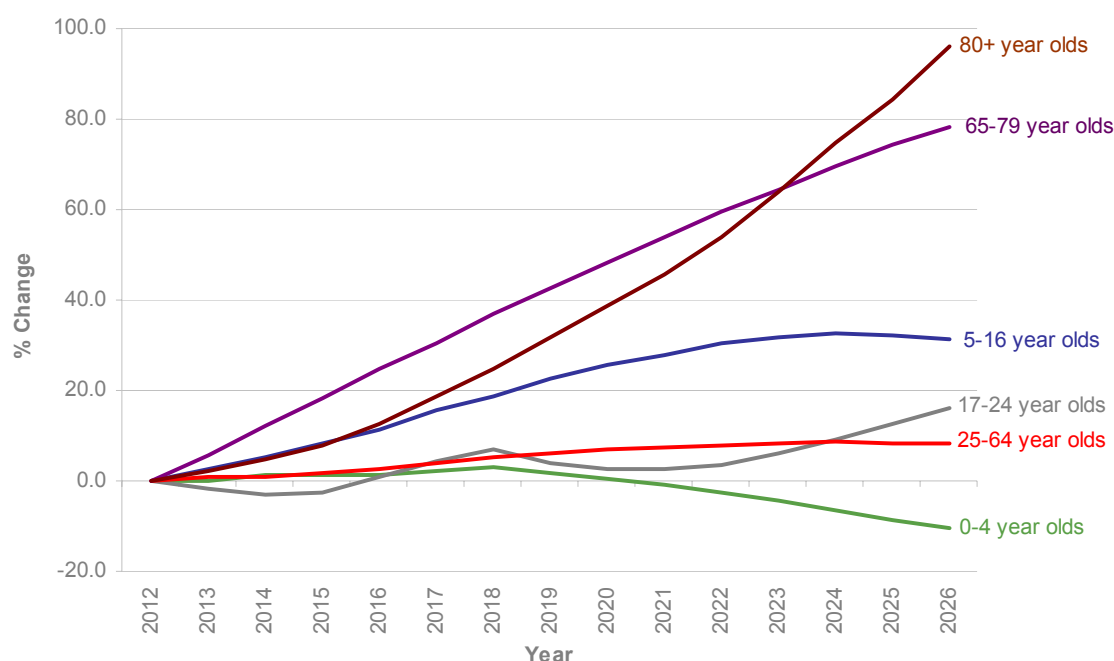
6. Ward Level Projections

Wards that are projected to experience high growth rates include Middleton and Danesborough. Furzton, Bradwell, Walton Park and Woughton are projected to decrease slightly in size.

Middleton ward is forecast to experience the largest total population growth between 2012 and 2021. It is forecast to grow by 9,000 people (+53.4%) to become the largest ward in Milton Keynes with 25,850 people in 2021.

Danesborough ward is forecast to grow by 5,400 people between 2012 and 2021 this is due to the strategic reserve site falling in this ward. The development of the Western Expansion area will contribute to the large growth in Loughton Park (+3,100 people) and Stony Stratford (+4,500 people). Eaton Manor ward is also forecast to grow significantly; it is forecast to grow by 4,250 people (an increase of 48.0%) between 2012 and 2021.

Some more established urban wards with no major developments are forecast to slightly decline in size or remain static between 2012 and 2021. These include Furzton (-2.7%), Bradwell (-2.7%), Walton Park (-1.4%) and Woughton (-0.8%).

Table 4: Milton Keynes Ward Populations 2011 – 2021

Ward	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bletchley & Fenny Stratford	13,600	14,100	14,500	14,900	15,150	15,550	16,050	16,350	16,600	16,650	16,750
Bradwell	13,000	12,900	12,800	12,800	12,800	12,750	12,750	12,750	12,700	12,650	12,550
Campbell Park	17,050	16,850	16,750	16,750	16,700	16,950	17,200	17,400	17,550	17,700	17,900
Danesborough	4,700	4,750	4,850	5,000	5,350	5,700	6,300	7,400	8,300	9,250	10,150
Denbigh	8,100	8,050	8,000	8,000	8,000	7,950	8,000	8,000	7,950	8,000	8,000
Eaton Manor	8,600	8,850	9,150	9,450	9,800	10,300	10,900	11,500	12,050	12,600	13,100
Emerson Valley	18,000	17,950	17,850	18,000	18,350	18,900	19,350	19,850	20,100	20,300	20,650
Furzton	9,200	9,100	9,050	9,050	9,000	9,000	9,000	8,950	8,900	8,900	8,850
Hanslope Park	5,150	5,700	6,150	6,650	6,800	7,000	7,000	7,050	7,100	7,100	7,100
Linford North	8,400	8,400	8,400	8,400	8,400	8,400	8,450	8,400	8,400	8,400	8,350
Linford South	9,700	9,800	9,950	9,900	10,100	10,350	10,950	11,250	11,450	11,900	12,300
Loughton Park	18,150	18,550	19,200	19,250	19,600	20,150	20,800	21,100	21,300	21,500	21,650
Middleton	15,950	16,850	17,350	18,350	19,800	21,200	22,700	24,200	25,100	25,450	25,850
Newport Pagnell North	7,400	7,550	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Newport Pagnell South	7,750	7,700	7,650	7,650	7,750	7,850	7,900	7,900	7,850	7,850	7,850
Olney	8,800	8,750	8,800	8,800	8,850	8,950	9,000	9,000	9,000	9,000	9,000
Sherington	4,100	4,050	4,100	4,050	4,050	4,050	4,050	4,050	4,050	4,050	4,050
Stantonbury	9,500	9,450	9,400	9,400	9,350	9,350	9,350	9,350	9,300	9,250	9,250
Stony Stratford	12,150	12,250	12,250	12,250	12,350	12,950	13,900	14,650	15,350	16,050	16,750
Walton Park	14,600	14,650	14,700	14,750	14,850	14,900	14,850	14,750	14,650	14,550	14,450
Whaddon	8,450	8,450	8,450	8,450	8,450	8,450	8,450	8,500	8,450	8,450	8,450
Wolverton	15,700	15,900	16,500	16,900	17,200	17,250	17,300	17,300	17,300	17,300	17,250
Woughton	11,850	11,850	11,900	11,950	11,900	11,900	11,900	11,900	11,850	11,800	11,750
Milton Keynes	**249,900**	**252,350**	**255,350**	**258,250**	**262,200**	**267,400**	**273,700**	**279,150**	**282,850**	**286,150**	**289,500**

7. Estate and Settlement Projections

Table 5: Milton Keynes Estate and Settlement Populations 2011 – 2021

Settlement	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Ashland	500	500	500	650	750	850	950	950	950	950	950
Bancroft	900	900	900	900	900	900	900	900	900	900	900
Bancroft Park	300	300	300	300	300	300	300	300	300	300	300
Beanhill	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Blakelands	850	900	900	900	900	900	900	900	900	900	900
Blue Bridge	550	550	550	550	550	550	550	550	550	550	550
Bolbeck Park	850	850	850	850	850	850	850	850	850	850	850
Bradville	4,200	4,150	4,150	4,150	4,150	4,150	4,100	4,150	4,100	4,100	4,050
Bradwell	2,900	2,900	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,850	2,800
Bradwell Common	3,300	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,200	3,200	3,200
Brickfields	5,150	5,150	5,200	5,200	5,200	5,200	5,250	5,250	5,250	5,250	5,250
Brooklands EEA	50	300	500	700	1,450	2,100	2,900	3,650	4,400	4,900	5,400
Broughton & Atterbury	3,050	3,050	3,050	3,050	3,050	3,100	3,100	3,100	3,050	3,050	3,050
Broughton Gate EEA	2,150	2,850	3,150	3,400	3,550	3,750	3,900	4,000	4,000	4,000	3,950
Browns Wood	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,250	1,250	1,250	1,250
Caldecotte	1,400	1,400	1,400	1,400	1,400	1,400	1,350	1,350	1,350	1,350	1,350
Campbell Park	850	950	950	950	1,150	1,400	2,000	2,250	2,500	2,950	3,400
Central Bletchley	4,000	4,200	4,300	4,350	4,400	4,600	4,900	5,100	5,150	5,200	5,200
Central Milton Keynes	2,750	2,750	2,700	2,700	2,700	2,850	3,050	3,200	3,350	3,500	3,650
Coffee Hall	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,150
Conniburrow	3,300	3,250	3,250	3,250	3,250	3,250	3,250	3,250	3,200	3,200	3,200
Crownhill	2,750	2,700	2,700	2,700	2,700	2,700	2,700	2,650	2,650	2,650	2,600
Denbigh East	400	400	400	400	400	400	400	450	550	550	550
Downhead Park	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,650
Downs Barn	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,400	2,400
Eaglestone	2,500	2,500	2,550	2,550	2,550	2,550	2,550	2,550	2,500	2,500	2,500
Emerson Valley	5,000	5,000	5,000	5,000	5,000	4,950	4,950	4,900	4,900	4,850	4,850
Far Bletchley	6,650	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700	6,700
Fenny Stratford	1,800	1,900	1,950	2,050	2,050	2,100	2,200	2,200	2,200	2,250	2,250
Fishermead	5,150	5,100	5,050	5,050	5,050	5,100	5,100	5,100	5,100	5,150	5,150
Fullers Slade	1,800	1,800	1,800	1,800	1,800	1,800	1,850	1,900	1,900	1,850	1,850
Furzton	5,850	5,800	5,750	5,750	5,750	5,750	5,750	5,700	5,700	5,650	5,650
Galley Hill	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Giffard Park	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850
Granby	300	300	300	300	300	300	300	300	300	300	300
Grange Farm	2,000	1,950	1,950	1,950	1,950	1,950	1,950	1,900	1,900	1,900	1,900
Great Holm	3,150	3,100	3,050	3,050	3,050	3,050	3,050	3,000	3,000	3,000	2,950
Great Linford	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800
Greenleys	2,100	2,100	2,100	2,100	2,150	2,150	2,150	2,150	2,150	2,150	2,150
Heelands	3,500	3,450	3,450	3,450	3,450	3,450	3,450	3,450	3,400	3,400	3,400
Hodge Lea	1,200	1,200	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
Kents Hill	2,650	2,600	2,600	2,600	2,700	2,700	2,650	2,650	2,650	2,600	2,600
Kingsmead	1,450	1,450	1,450	1,450	1,650	1,900	2,200	2,500	2,600	2,650	2,650
Leadenhall	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050
Loughton	3,200	3,150	3,150	3,100	3,100	3,100	3,100	3,100	3,100	3,050	3,050
Loughton Lodge	100	100	100	100	150	250	300	300	300	300	300
Medbourne	1,550	1,550	1,500	1,500	1,500	1,500	1,500	1,500	1,550	1,550	1,550
Middleton/Milton Keynes Village	2,850	2,850	2,850	2,950	3,050	3,050	3,050	3,050	3,150	3,100	3,100
Monkston	4,100	4,050	4,050	4,050	4,100	4,100	4,100	4,100	4,100	4,050	4,050
Monkston Park	1,600	1,600	1,600	1,600	1,650	1,650	1,650	1,650	1,600	1,600	1,600
Neath Hill	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050
Netherfield	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
New Bradwell	3,150	3,150	3,200	3,200	3,250	3,250	3,250	3,250	3,250	3,250	3,250
Newton Leys	500	700	950	1,200	1,600	1,950	2,400	3,000	3,500	4,050	4,550
Oakgrove	0	0	0	400	900	1,400	1,950	2,550	2,700	2,700	2,650
Oakhill	550	550	550	550	550	550	550	500	500	500	500
Oakridge Park	450	850	1,150	1,300	1,300	1,300	1,300	1,350	1,350	1,350	1,350
Old Farm Park	2,150	2,150	2,150	2,150	2,100	2,100	2,100	2,100	2,100	2,050	2,050
Old Wolverton	500	650	700	800	800	800	800	800	800	800	800
Oldbrook	5,900	5,800	5,750	5,750	5,750	5,800	5,850	5,850	5,850	5,850	5,850
Oxley Park	2,450	2,600	3,000	3,300	3,400	3,550	3,650	3,700	3,650	3,650	3,600
Peartree Bridge	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
Redhouse Park	450	550	700	900	1,050	1,150	1,150	1,200	1,200	1,200	1,200

Estate	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Shenley Brook End	3,600	3,550	3,550	3,550	3,600	3,600	3,600	3,550	3,550	3,500	3,500
Shenley Church End	3,800	3,750	3,700	3,650	3,650	3,650	3,650	3,650	3,600	3,600	3,600
Shenley Lodge	3,350	3,300	3,300	3,300	3,300	3,300	3,300	3,250	3,250	3,250	3,200
Shenley Wood	0	500	750	750	750	750	750	750	750	750	750
Simpson	650	650	650	650	650	650	650	700	700	700	700
Springfield	2,450	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,450	2,450
Stacey Bushes	1,250	1,250	1,250	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Stantonbury	3,500	3,500	3,500	3,500	3,450	3,450	3,450	3,450	3,450	3,450	3,400
Stony Stratford	4,950	5,050	5,050	5,050	5,050	5,100	5,100	5,100	5,050	5,050	5,050
Tattenhoe	3,850	3,850	3,850	3,850	3,850	3,800	3,800	3,800	3,750	3,750	3,700
Tattenhoe Park	0	0	0	0	150	400	650	950	1,200	1,500	1,900
Tinkers Bridge	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
Walnut Tree	4,100	4,050	4,050	4,000	4,000	4,100	4,100	4,050	4,050	4,000	4,000
Walton	0	200	300	400	450	450	450	450	450	450	450
Walton Park	650	650	650	650	650	650	650	650	650	650	650
Water Eaton	8,500	8,500	8,500	8,550	8,550	8,600	8,750	8,750	8,800	8,800	8,800
Wavendon Gate	2,300	2,300	2,300	2,250	2,250	2,250	2,250	2,250	2,200	2,200	2,200
West Bletchley	10,400	10,500	10,700	10,750	10,850	10,850	10,850	10,850	10,850	10,900	10,900
Westcroft	2,800	2,750	2,750	2,850	2,900	2,900	2,900	2,850	2,850	2,850	2,800
Western Expansion Area 11	0	0	0	0	0	200	600	1,000	1,400	1,800	2,300
Western Expansion Area 10	0	0	0	0	200	900	1,800	2,500	3,150	3,750	4,200
Willen	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	1,350
Wolverton	7,050	7,050	7,600	7,900	8,100	8,100	8,150	8,150	8,150	8,150	8,100
Wolverton Mill	400	400	400	400	400	400	400	450	450	450	400
Woolstone	850	850	850	850	850	850	850	850	850	850	850
Woughton Park	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
MK City	212,850	215,300	218,100	220,800	224,200	228,850	234,400	238,750	241,550	244,000	246,400

Estate	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Astwood	200	200	200	200	200	200	200	200	200	200	200
Bow Brickhill	550	550	550	550	550	600	650	650	650	650	650
Calverton	150	150	150	150	150	150	150	150	150	150	150
Castlethorpe	1,050	1,050	1,050	1,100	1,100	1,150	1,150	1,150	1,150	1,150	1,150
Chicheley	100	100	100	100	100	100	100	100	100	100	100
Clifton Reynes	200	200	200	200	200	200	200	200	200	200	200
Cold Brayfield	100	100	100	100	100	100	100	100	100	100	100
Emberton	600	600	600	600	600	600	600	600	600	600	600
Gayhurst	150	150	150	150	100	100	100	150	100	100	100
Hanslope	2,350	2,350	2,400	2,400	2,450	2,450	2,450	2,450	2,500	2,500	2,500
Hardmead	50	50	50	50	50	50	50	50	50	50	50
Haversham/Little Linford	850	850	900	900	900	900	900	900	900	950	900
Lathbury	150	150	150	150	150	150	150	150	150	150	150
Lavendon	1,250	1,250	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
Moulsoe	300	300	300	300	300	300	300	300	300	300	300
Newport Pagnell	15,100	15,150	15,100	15,100	15,200	15,300	15,350	15,350	15,300	15,250	15,250
Newton Blossomville	250	250	250	250	250	250	250	250	250	250	250
North Crawley	750	750	750	750	750	750	750	750	700	700	700
Olney	6,500	6,450	6,450	6,450	6,550	6,600	6,650	6,650	6,650	6,650	6,650
Ravenstone	200	200	200	200	200	200	200	200	200	200	200
Sherington	950	950	950	950	950	950	950	950	950	950	950
Stoke Goldington	550	550	550	550	550	550	550	550	550	550	550
Tyringham & Filgrave	250	250	250	250	250	250	250	250	250	250	250
Warrington	50	50	50	50	50	50	50	50	50	50	50
Wavendon	800	800	800	800	900	1,150	1,600	2,500	3,450	4,350	5,250
Weston Underwood	250	250	250	250	250	250	250	250	250	250	250
Woburn Sands	2,900	2,950	3,100	3,200	3,450	3,550	3,650	3,750	3,800	3,800	3,800
MK Rural	37,050	37,050	37,250	37,450	38,000	38,550	39,300	40,400	41,300	42,150	43,100
Milton Keynes	249,900	252,350	255,350	258,250	262,200	267,400	273,700	279,150	282,850	286,150	289,500

A number of settlements are forecast to increase significantly in size between 2012 and 2021. It is forecast that the Western Expansion Area will have a population of 6,500 by 2021. Other new development areas with a high growth over the period 2012-2021 include Brooklands (+5,050 people), Wavendon (+4,450) Newton Leys (+3,850), Oakgrove (+2,650) and Campbell Park (+2,450).

8. Parish Projections

Table 6: Milton Keynes Parish Populations 2011 – 2021

Parishes	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Abbey Hill	4,250	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
Astwood & Hardmead	250	250	250	250	250	250	250	250	250	250	250
Bletchley and Fenny Stratford	15,450	16,000	16,400	16,850	17,250	17,950	18,900	19,800	20,500	21,100	21,650
Bow Brickhill	550	550	550	550	550	600	650	650	650	650	650
Bradwell	9,700	9,650	9,550	9,550	9,550	9,550	9,550	9,500	9,500	9,450	9,400
Broughton & Milton Keynes	8,150	9,100	9,550	10,550	12,000	13,350	14,850	16,350	17,300	17,700	18,100
Calverton	150	150	150	150	150	150	150	150	150	150	150
Campbell Park	15,700	15,550	15,500	15,450	15,450	15,550	15,600	15,650	15,650	15,650	15,650
Castlethorpe	1,050	1,050	1,050	1,100	1,100	1,150	1,150	1,150	1,150	1,150	1,150
Central Milton Keynes	3,650	3,700	3,650	3,650	3,850	4,250	5,000	5,450	5,850	6,450	7,050
Chicheley	100	100	100	100	100	100	100	100	100	100	100
Clifton Reynes & Newton Blossomville	450	450	450	450	450	450	450	450	450	450	450
Cold Brayfield	100	100	100	100	100	100	100	100	100	100	100
Emberton	600	600	600	600	600	600	600	600	600	600	600
Fairfields	0	0	0	0	0	200	600	1,000	1,400	1,800	2,300
Gayhurst	150	150	150	150	100	100	100	150	100	100	100
Great Linford	19,550	19,700	19,950	20,100	20,250	20,400	20,400	20,400	20,350	20,300	20,250
Hanslope	2,350	2,350	2,400	2,400	2,450	2,450	2,450	2,450	2,500	2,500	2,500
Haversham-cum-Little Linford	850	850	900	900	900	900	900	900	900	950	900
Kents Hill, Monkston and Brinklow	8,350	8,300	8,300	8,300	8,400	8,400	8,400	8,400	8,350	8,300	8,250
Lathbury	150	150	150	150	150	150	150	150	150	150	150
Lavendon	1,250	1,250	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
Loughton	6,450	6,350	6,300	6,250	6,300	6,400	6,450	6,450	6,400	6,350	6,350
Moulsoe	300	300	300	300	300	300	300	300	300	300	300
New Bradwell	3,150	3,150	3,200	3,200	3,250	3,250	3,250	3,250	3,250	3,250	3,250
Newport Pagnell	15,100	15,150	15,100	15,100	15,200	15,300	15,350	15,350	15,300	15,250	15,250
North Crawley	750	750	750	750	750	750	750	750	700	700	700
Old Woughton	900	900	900	900	900	900	900	900	900	900	900
Olney	6,500	6,450	6,450	6,450	6,550	6,600	6,650	6,650	6,650	6,650	6,650
Ravenstone	200	200	200	200	200	200	200	200	200	200	200
Shenley Brook End	25,900	25,750	25,650	25,800	26,100	26,600	27,100	27,550	27,800	27,950	28,250
Shenley Church End	13,050	13,550	14,200	14,350	14,450	14,600	14,750	14,700	14,650	14,600	14,500
Sherington	950	950	950	950	950	950	950	950	950	950	950
Simpson and Ashland	1,150	1,150	1,150	1,300	1,400	1,500	1,600	1,600	1,600	1,600	1,600
Stantonbury	9,950	10,300	10,550	10,700	10,700	10,700	10,700	10,700	10,650	10,600	10,600
Stoke Goldington	550	550	550	550	550	550	550	550	550	550	550
Stony Stratford	7,800	7,900	7,900	7,900	7,900	7,900	7,950	8,000	8,000	7,950	7,950
Tyringham and Filgrave	250	250	250	250	250	250	250	250	250	250	250
Walton	11,950	12,050	12,100	12,150	12,150	12,200	12,200	12,100	12,000	11,950	11,850
Warrington	50	50	50	50	50	50	50	50	50	50	50
Wavendon	800	800	800	800	900	1,100	1,600	2,500	3,400	4,300	5,200
West Bletchley	22,250	22,350	22,550	22,600	22,750	22,750	22,800	22,800	22,850	22,850	22,850
Weston Underwood	250	250	250	250	250	250	250	250	250	250	250
Whitehouse	0	0	0	0	200	900	1,800	2,500	3,150	3,750	4,200
Woburn Sands	2,900	2,950	3,100	3,200	3,450	3,550	3,650	3,800	3,800	3,800	3,850
Wolverton and Greenleys	12,600	12,700	13,300	13,700	13,950	14,000	14,050	14,050	14,050	14,050	14,050
Woughton	13,100	13,050	13,100	13,150	13,150	13,150	13,150	13,150	13,050	13,000	13,000
Milton Keynes	**249,900**	**252,350**	**255,350**	**258,250**	**262,200**	**267,400**	**273,700**	**279,150**	**282,850**	**286,150**	**289,500**

9. Components of Growth

The projected natural increase (more births than deaths) accounts for 60.7% of the total projected population increase between 2012 and 2026.

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

Natural Growth = Total number of births less total number of deaths
Net Migration = Total newcomers less total leavers

Natural Growth

There was a significant increase in the number of births in Milton Keynes between 2001 and 2011. There were 1,100 extra births in 2011 than in 2001. However between 2010 and 2011 the increase was just 15 (0.4%), compared to an increase the year before of 108. This is a similar pattern to the national total. In Milton Keynes the number of births is forecast to gradually decrease between 2013 and 2026 so that in 2026 there is forecast to be 3,380 births, similar to the number of births in 2004/5. This decrease is due to a falling fertility rate and changing age structure for females aged 15-49.

The total fertility rate in Milton Keynes is higher than the rate for England as a whole; 2.12 compared with 1.94.

Between 2002 and 2011 the number of deaths in Milton Keynes has fluctuated year on year with only a very slight trend of an increase in deaths. In 2011 there were 1,550 deaths compared with 1,530 in 2001. This is a different pattern to England and Wales as whole which saw a steady decline in the number of deaths. This is explained by the high population growth in Milton Keynes.

Graph 6: Milton Keynes Natural Growth 2001 – 2026
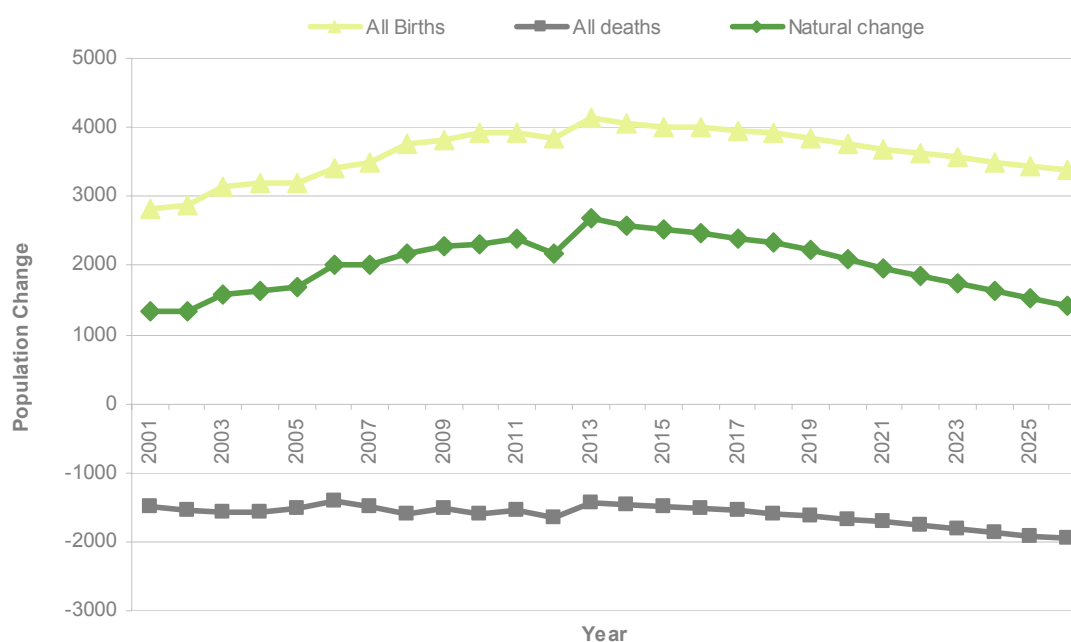
Net Migration

Net migration is the number of people migrating into Milton Keynes minus the number of people migrating out. It includes both those migrating from elsewhere in the UK and international migration.

Net migration in Milton Keynes remained relatively high between 2004 and 2010 with an average of 2,300 more people migrating in than out each year. Then in 2011 and 2012 there was a dip in the levels of net migration. Migration is forecast to increase between 2013 and 2016 as house building picks up and then maintain a steady rate between 2018 and 2023. Between 2012 and 2026 the average annual net migration is forecast to be 1,400 people.

Graph 7: Milton Keynes Natural Growth 2001 – 2026
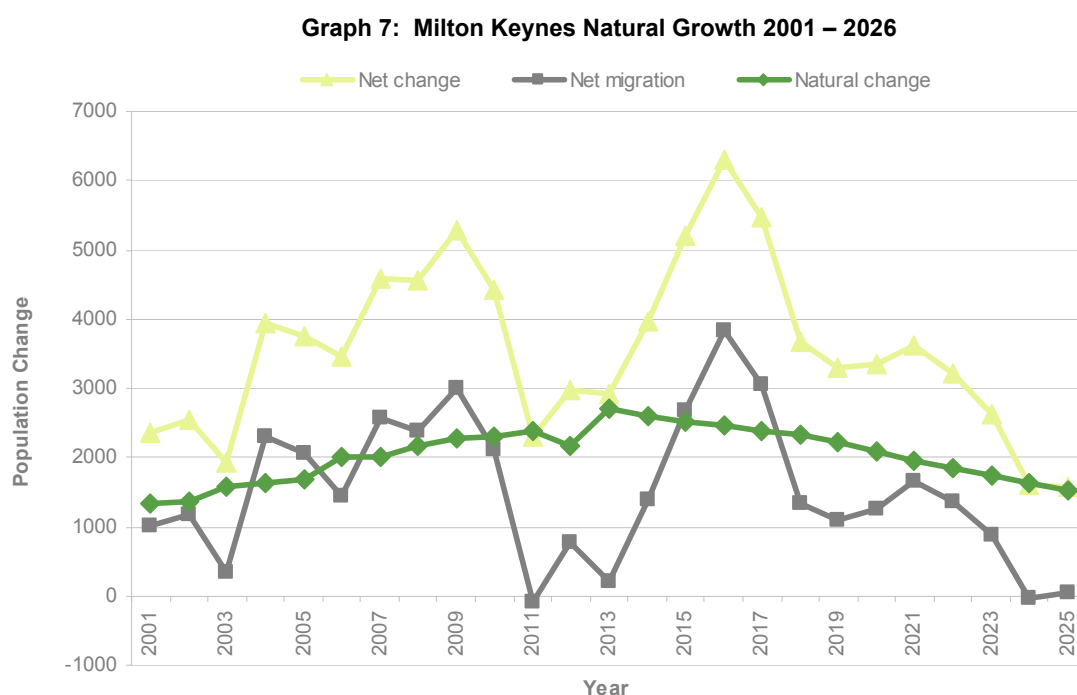
10. Housing Forecasts

23,700 dwellings are forecast to be built in Milton Keynes between 2012 and 2026 on land already identified for development.

The number of dwellings built in the future will impact the level of net migration. Housing forecasts are used alongside information on household size to constrain the migration forecasts.

Housing forecasts come from the Milton Keynes Council 2013/14 housing trajectory. Table 7 and graph 8 show the number of completions each year between 2001/2 and 2012/13 and the forecast for the number of housing completions between 2013/14 and 2025/26. It outlines that the number of dwellings built in Milton Keynes is forecast to increase between 2013/14 and 2016/17 so that in 2016/17 2,430 dwellings are forecast to be built. The number of completions is then forecast to decrease to approximately 1,800 per year until 2023.

Table 7: Housing Completions & Forecasts 2001 to 2026

Year	Urban	Rural	Total
Actual Completions			
2001/2	1,190	50	1,230
2002/3	1,140	50	1,190
2003/4	1,090	110	1,190
2004/5	1,260	110	1,370
2005/6	1,680	130	1,810
2006/7	1,480	180	1,660
2007/8	2,050	250	2,300
2008/9	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
Forecast Completions			
2013/14	1,170	120	1,290
2014/15	1,480	250	1,730
2015/16	1,830	250	2,080
2016/17	2,140	290	2,430
2017/18	1,830	470	2,300
2018/19	1,500	440	1,940
2019/20	1,310	440	1,750
2020/21	1,300	440	1,730
2021/22	1,400	440	1,830
2022/23	1,410	340	1,750
2023/24	1,220	290	1,510
2024/25	1,020	40	1,050
2025/26	940	40	970

Table 8: Completions in 5 Year Periods 2001 to 2026

Period	Total	Annual average
2001-2006	6,790	1,358
2006-2011	8,510	1,702
2011-2016	8,000	1,600
2016-2021	10,150	2,030
2021-2026	7,110	1,422

Graph 8: Housing Completions and Forecasts 2001/2 to 2025/26
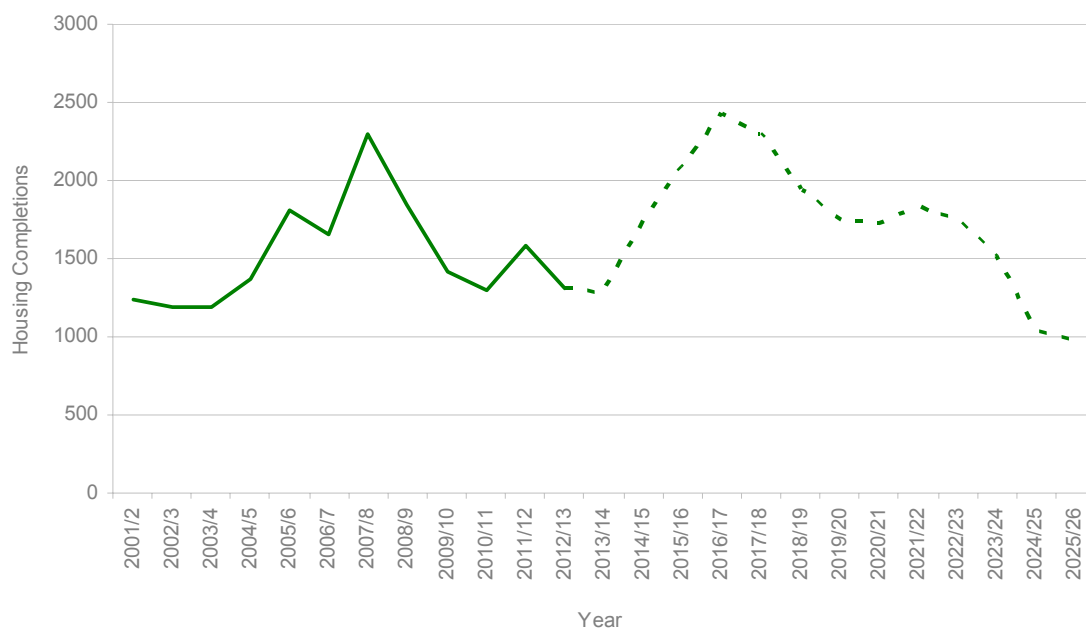
Full details on the housing forecasts used within these population projections can be viewed via www.mkiobservatory.org.uk

Table 9 outlines that the total number of dwellings in Milton Keynes increased from 87,200 dwellings in 2001 to 105,540 in 2013. By 2026 the number of dwellings is forecast to have grown to 127,900.

Table 9: Total Number of Dwellings 2001 to 2026

Year	Urban	Rural	Total
Estimated Housing Stock			
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
Forecast Housing Stock			
2014	90,630	16,200	106,830
2015	92,110	16,450	108,560
2016	93,940	16,700	110,640
2017	96,080	16,990	113,070
2018	97,910	17,460	115,370
2019	99,410	17,900	117,310
2020	100,720	18,340	119,060
2021	102,020	18,780	120,790
2022	103,420	19,220	122,620
2023	104,830	19,560	124,370
2024	106,050	19,850	125,880
2025	107,070	19,890	126,930
2026	108,010	19,930	127,900

Map 1 shows the areas where dwellings are planned to be built 2021. Key growth areas are the Western and Eastern Expansion areas and the Strategic Reserve Area. Expansion began in the Eastern Expansion Area (Brooklands and Broughton Gate) in 2008/09. Work is likely to start in the Western Expansion Area and Strategic Reserse Area in 2014/15. Development is also going ahead in Bletchley, particularly in the Newton Leys development, in Oakgrove, Campbell Park and Tattenhoe Park. In the rest of the borough the main settlements of Newport Pagnell, Wolverton and Olney will also see some growth over the same period.

**Map 1: Housing Forecasts 2013/14 to 2020/21**
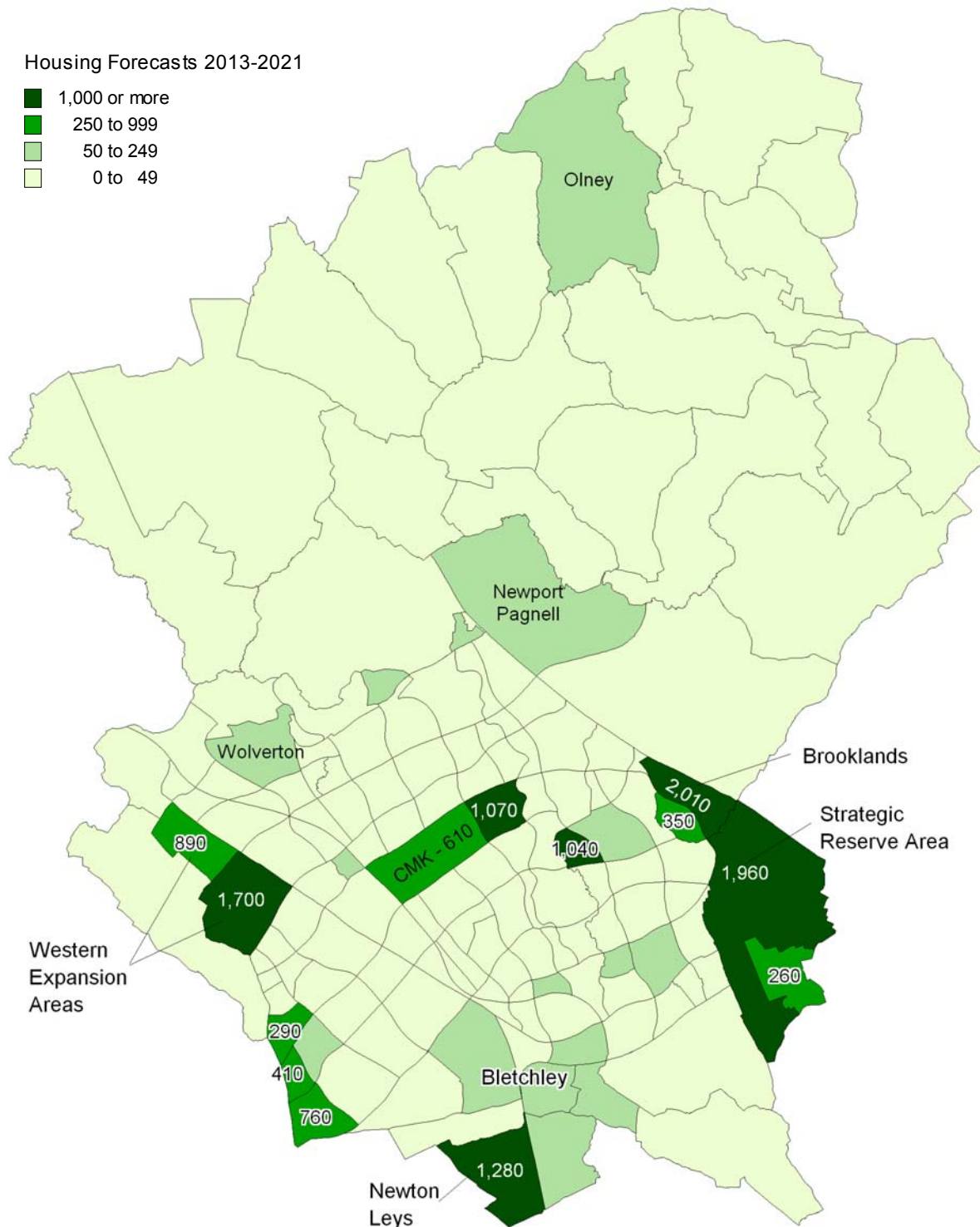
11. Households and Household Size

The average household size in Milton Keynes of 2.53 is higher than England (2.36) but is projected to decrease slightly to 2.46 by 2026.

Nationally, average household size fell from 3.01 persons in 1961 to 2.37 persons in 2001 for England. However between 2001 and 2011 the rate remained broadly the same, with a rate of 2.36. This is forecast to continue slowly declining to 2.33 by 2021. Milton Keynes has a larger household size than England. In 2011 the average household size was estimated to be 2.53, it is forecast to fall to 2.46 by 2026. However changes in the type of property built, or if a campus university is situated in Milton Keynes, may alter the eventual household types.

The higher average household size in Milton Keynes is due to a smaller proportion of one person households and larger number of households with children. 26.2% of households in Milton Keynes in 2011 were one person households compared with 30.7% in England. Current forecasts predict that by 2026 24.7% of all households in Milton Keynes will contain a single person.Most households in England contain no dependant children: 72.1% in 2011, and is forecast to remain roughly the same at 71.6% in 2021. The proportion of households with no children in Milton Keynes is much lower; 66.5% in 2011, and forecast to fall slightly to 64.9% by 2026.

Graph 9: Growth in Household Types in Milton Keynes 2011-2026
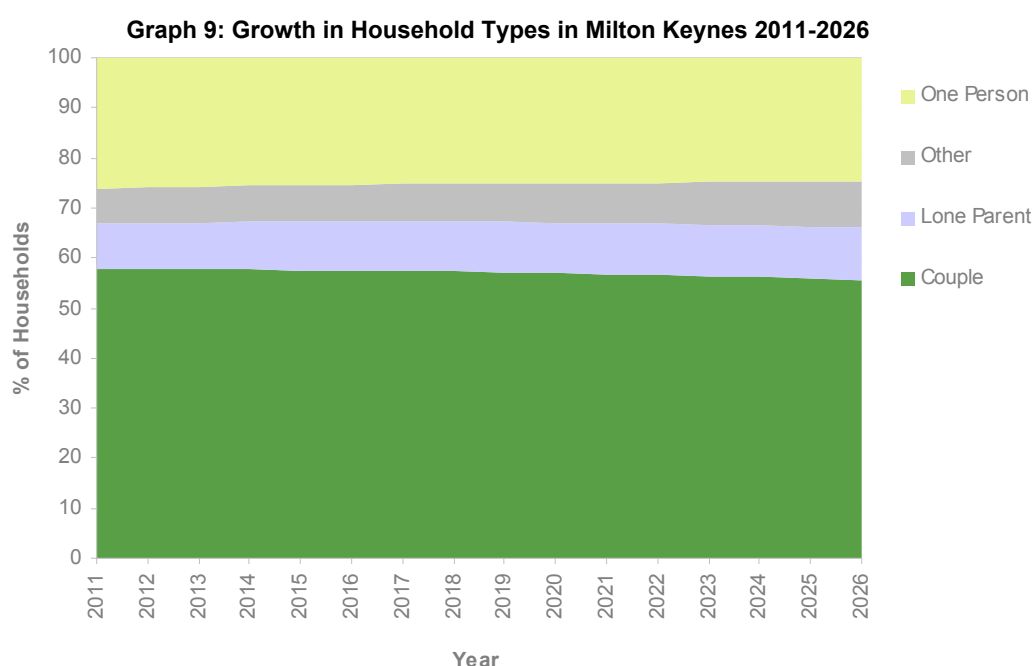
Growth in Households

Households are derived from dwellings by taking into account household types, vacancy and sharing rates. The number of households in the borough in 2012 was estimated to be 100,100 and this is expected to increase by 16,050 (+16.0%) by 2021.

Table 10: Growth in Households in Milton Keynes 2011-2021

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Urban	82,400	83,550	84,850	85,950	87,400	89,150	91,250	93,000	94,450	95,700	97,000
Rural	16,550	16,550	16,600	16,750	16,950	17,200	17,500	17,950	18,350	18,750	19,200
Total	98,950	100,100	101,450	102,700	104,350	106,400	108,700	110,950	112,800	114,500	116,150

12. Drive Time Populations

Map 2: Drive Times from MK
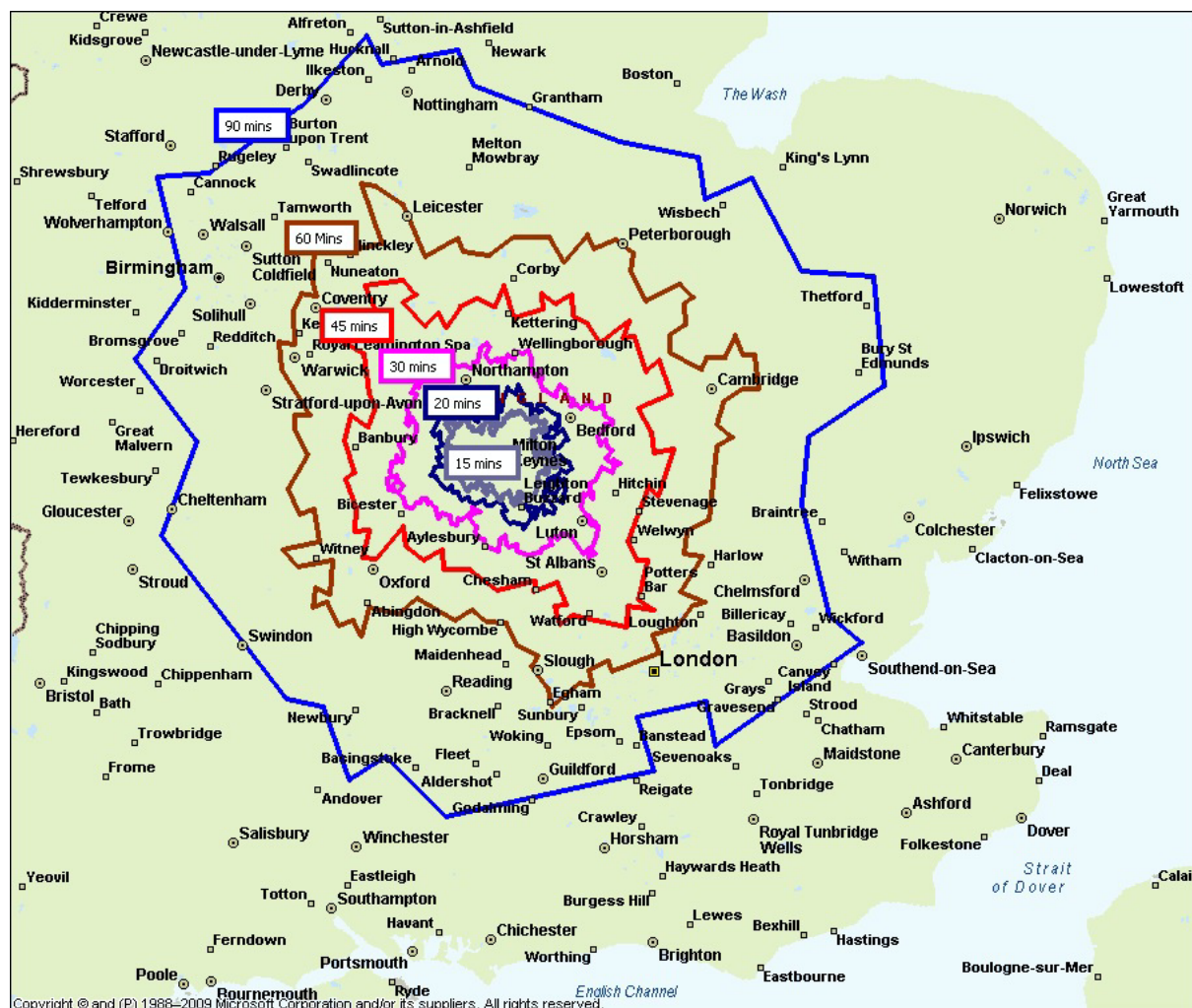
Table 11: Drive Times from Milton Keynes

Drive Times	Population mid-2012
15 minutes	283,358
20 minutes	509,164
30 minutes	1,356,086
45 minutes	2,786,940
60 minutes	9,843,185
90 minutes	23,577,232

These population figures are approximate because they use the Office for National Statistics mid-2012 population estimates for districts, and minimal account is taken of fractions of districts included in the drive time boundaries.

13. Ethnicity

26.1% of the population in Milton Keynes are from a black and minority ethnic group compared with 20.2% in England.

The 2011 Census provides information on the ethnicity of the Milton Keynes population. Table 12 shows the number of people in each ethnic group in Milton Keynes compared with England. in 2011 the largest black and minority ethnic group in Milton Keynes was Black African. 13,100 people in Milton Keynes classify themselves as Black African this is 5.2% of the population. This is significantly higher than the England average of 1.8%. Milton Keynes has the 19th highest proportion of Black Africans of all districts in England.

12,600 people in Milton Keynes classified themselves as White Other. This is 5.1% of the population, above the England average of 4.6%. Other large groups include mixed/multiple ethnic groups (3.3%) and Indian (3.3%).

Table 12: Ethnic Group: Milton Keynes and England 2011

Ethnic Group	Milton Keynes Persons	Milton Keynes %	England %
White: British	183,934	73.9	79.8
White: Irish	2,498	1.0	1.0
White: Gypsy or Irish Traveller	72	0.0	0.1
White: Other White	12,590	5.1	4.6
Mixed/multiple ethnic groups	8,235	3.3	2.2
Asian/Asian British: Indian	8,106	3.3	2.6
Asian/Asian British: Pakistani	3,851	1.5	2.1
Asian/Asian British: Bangladeshi	1,989	0.8	0.8
Asian/Asian British: Chinese	2,722	1.1	0.7
Asian/Asian British: Other Asian	6,114	2.5	1.5
Black/Black British: African	13,058	5.2	1.8
Black/Black British: Caribbean	2,524	1.0	1.1
Black/Black British: Other Black	1,549	0.6	0.5
Other Ethnic Group: Arab	565	0.2	0.4
Other ethnic group	1,014	0.4	0.6
All usual residents	**248,821**	**100.0**	**100.0**

The population is becoming more ethnically diverse. In 2001 13.2% of the population were from a black and minority ethnic group compared with 26.1% in 2011.

Graph 10 outlines that the Black African population had the highest growth in Milton Keynes between 2001 and 2011. In 2001 it accounted for 1.3% of the population by 2011 it had risen to 5.2% of the population.

The other white category had the second largest growth. It grew from 2.5% to 5.1% of the population.

The Indian population grew from 1.9% of the population to 3.3%. The Pakistani population grew from 0.8% to 1.5% and the Asian Other Group from 0.4 to 2.5%.

The proportion of the Milton Keynes population that were White British declined from 86.8% to 73.9% between 2001 and 2011.

Graph 10: Percentage of the Population in each Black and Minority Ethnic Group: Milton Keynes 2001 and 2011

Map 3 shows the BME population as a proportion of each wards total population.

It outlines that Campbell Park ward has the highest proportion of BME groups. 51.1% of its population are non white British.

Rural areas tend to have the lowest proportion of BME population.
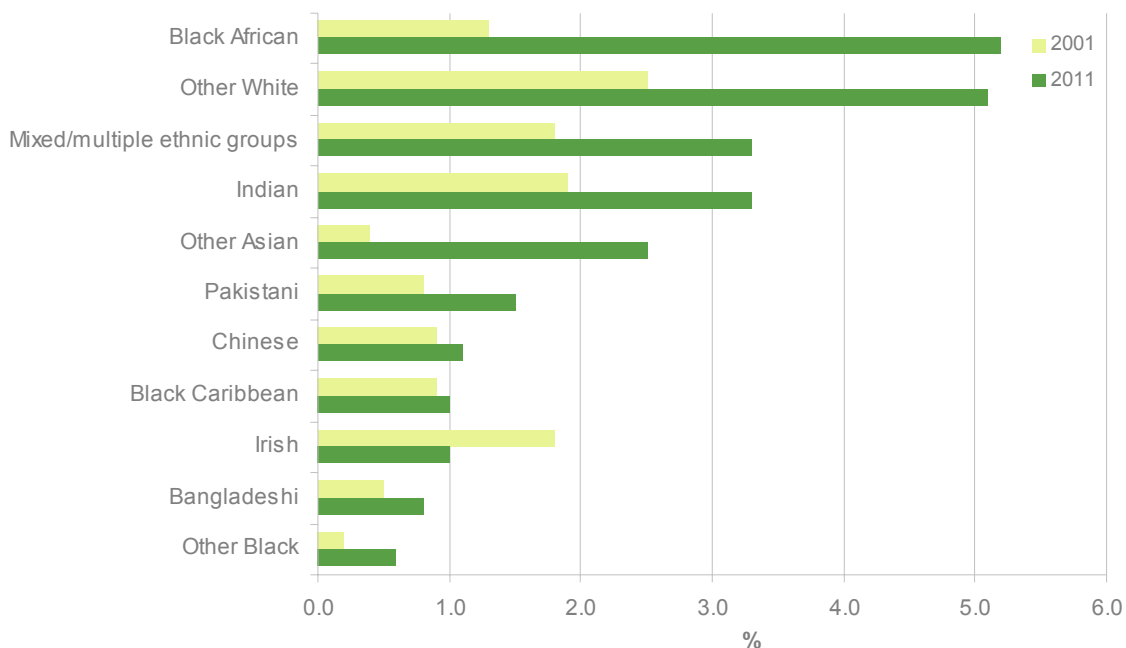
Map 3: Percentage of the Population in a BME Group: Milton Keynes Wards 2011

Non White British

- 51.0% to 51.1%
- 29.0% to 51.0%
- 23.3% to 29.0%
- 17% to 23.3%
- 7.1% to 17.0%
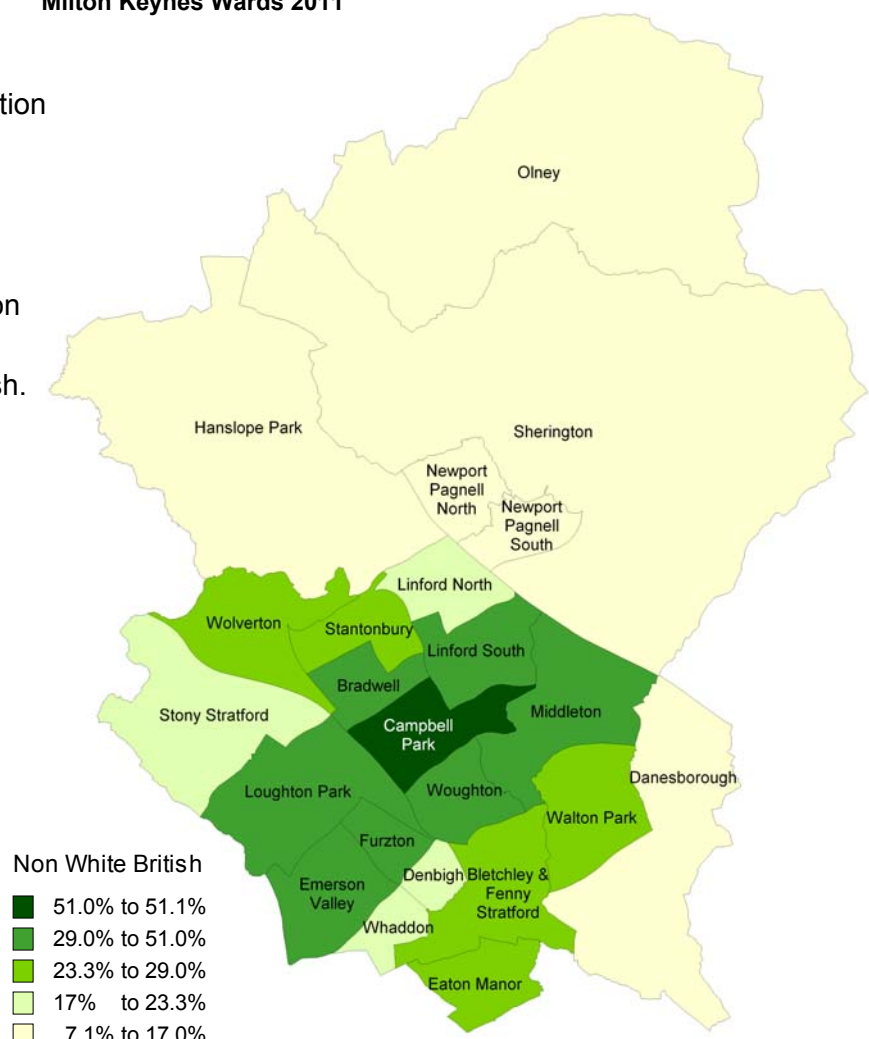
Appendix 1
Population Projections by 5 Year Age Groups

2011	Males	Females	Persons
0-4	10,160	9,810	19,980
5-9	8,600	8,110	16,710
10-14	7,960	7,800	15,760
15-19	7,760	7,180	14,940
20-24	6,830	7,070	13,900
25-29	9,660	9,760	19,420
30-34	10,500	10,580	21,080
35-39	9,880	9,800	19,680
40-44	9,490	9,560	19,050
45-49	8,960	9,110	18,070
50-54	8,050	7,980	16,030
55-59	6,890	7,220	14,110
60-64	6,520	6,750	13,270
65-69	4,470	4,620	9,080
70-74	3,080	3,570	6,650
75-79	2,180	2,720	4,900
80-84	1,500	2,180	3,670
85-89	820	1,570	2,390
90+	310	900	1,200
Total	123,610	126,290	249,890

2012	Males	Females	Persons
0-4	10,310	9,960	20,260
5-9	9,010	8,510	17,520
10-14	7,990	7,690	15,680
15-19	7,820	7,020	14,840
20-24	6,590	6,950	13,540
25-29	9,350	9,580	18,930
30-34	10,530	10,580	21,110
35-39	9,960	9,900	19,860
40-44	9,400	9,580	18,990
45-49	9,220	9,230	18,450
50-54	8,130	8,150	16,280
55-59	6,960	7,310	14,270
60-64	6,420	6,700	13,120
65-69	4,960	5,160	10,120
70-74	3,170	3,640	6,800
75-79	2,280	2,850	5,130
80-84	1,570	2,190	3,760
85-89	830	1,530	2,350
90+	350	970	1,320
Total	124,850	127,510	252,360

2013	Males	Females	Persons
0-4	10,340	9,910	20,260
5-9	9,550	8,970	18,520
10-14	8,070	7,740	15,810
15-19	7,940	7,220	15,160
20-24	6,320	6,360	12,680
25-29	9,110	9,430	18,550
30-34	10,520	10,840	21,350
35-39	10,070	9,920	19,980
40-44	9,510	9,670	19,180
45-49	9,270	9,340	18,610
50-54	8,270	8,350	16,620
55-59	7,060	7,380	14,450
60-64	6,450	6,780	13,230
65-69	5,280	5,540	10,810
70-74	3,360	3,830	7,180
75-79	2,330	3,010	5,340
80-84	1,580	2,220	3,810
85-89	860	1,520	2,380
90+	380	1,030	1,410
Total	126,260	129,060	255,320

2014	Males	Females	Persons
0-4	10,560	9,940	20,510
5-9	9,950	9,370	19,320
10-14	8,200	7,820	16,020
15-19	7,760	7,080	14,840
20-24	6,480	6,230	12,710
25-29	8,640	9,240	17,880
30-34	10,390	10,750	21,140
35-39	10,110	10,250	20,360
40-44	9,630	9,580	19,210
45-49	9,300	9,400	18,700
50-54	8,380	8,520	16,900
55-59	7,250	7,600	14,840
60-64	6,450	6,830	13,280
65-69	5,510	5,880	11,400
70-74	3,590	4,030	7,630
75-79	2,490	3,220	5,710
80-84	1,620	2,250	3,870
85-89	870	1,560	2,430
90+	420	1,080	1,490
Total	127,600	130,630	258,230

2015	Males	Females	Persons
0-4	10,660	9,860	20,520
5-9	10,380	9,800	20,170
10-14	8,350	7,980	16,320
15-19	7,660	7,040	14,710
20-24	6,700	6,330	13,030
25-29	8,210	8,950	17,160
30-34	10,360	10,790	21,160
35-39	10,250	10,590	20,840
40-44	9,830	9,730	19,560
45-49	9,270	9,510	18,780
50-54	8,480	8,700	17,180
55-59	7,520	7,690	15,210
60-64	6,480	6,960	13,440
65-69	5,800	6,260	12,060
70-74	3,780	4,240	8,010
75-79	2,610	3,400	6,010
80-84	1,620	2,310	3,930
85-89	900	1,620	2,520
90+	450	1,120	1,570
Total	129,310	132,880	262,190

2016	Males	Females	Persons
0-4	10,680	9,870	20,560
5-9	10,700	10,090	20,790
10-14	8,840	8,270	17,120
15-19	7,530	7,070	14,610
20-24	7,130	6,640	13,770
25-29	7,830	8,640	16,470
30-34	10,290	10,780	21,070
35-39	10,690	11,130	21,820
40-44	9,840	9,920	19,760
45-49	9,310	9,500	18,810
50-54	8,620	9,000	17,620
55-59	7,710	7,840	15,550
60-64	6,530	7,060	13,590
65-69	6,090	6,500	12,590
70-74	4,080	4,560	8,640
75-79	2,680	3,600	6,280
80-84	1,670	2,360	4,030
85-89	980	1,710	2,700
90+	470	1,160	1,630
Total	131,680	135,720	267,400

2017	Males	Females	Persons
0-4	10,790	9,930	20,710
5-9	11,020	10,330	21,350
10-14	9,370	8,780	18,150
15-19	7,630	7,030	14,660
20-24	7,670	6,870	14,530
25-29	7,840	8,550	16,380
30-34	10,250	10,640	20,880
35-39	10,990	11,380	22,370
40-44	10,160	10,210	20,370
45-49	9,300	9,610	18,910
50-54	8,950	9,180	18,140
55-59	7,800	8,050	15,850
60-64	6,640	7,160	13,790
65-69	6,050	6,510	12,560
70-74	4,550	5,110	9,660
75-79	2,790	3,790	6,580
80-84	1,760	2,530	4,290
85-89	1,030	1,780	2,810
90+	510	1,200	1,700
Total	135,070	138,640	273,710

2018	Males	Females	Persons
0-4	10,860	10,050	20,910
5-9	11,100	10,320	21,420
10-14	9,960	9,250	19,210
15-19	7,710	7,110	14,820
20-24	7,830	7,250	15,080
25-29	7,740	8,080	15,820
30-34	10,250	10,710	20,960
35-39	11,110	11,750	22,860
40-44	10,360	10,270	20,630
45-49	9,520	9,750	19,270
50-54	9,080	9,350	18,430
55-59	7,960	8,280	16,250
60-64	6,750	7,260	14,010
65-69	6,140	6,650	12,790
70-74	4,900	5,530	10,430
75-79	3,000	4,010	7,010
80-84	1,820	2,720	4,540
85-89	1,070	1,840	2,910
90+	550	1,270	1,830
Total	137,710	141,460	279,170

2019	Males	Females	Persons
0-4	10,700	9,910	20,610
5-9	11,350	10,410	21,760
10-14	10,390	9,640	20,020
15-19	7,820	7,210	15,040
20-24	7,530	6,970	14,500
25-29	7,990	8,080	16,070
30-34	9,960	10,630	20,590
35-39	11,010	11,800	22,810
40-44	10,500	10,680	21,170
45-49	9,730	9,760	19,490
50-54	9,120	9,430	18,540
55-59	8,120	8,500	16,620
60-64	6,940	7,450	14,390
65-69	6,160	6,720	12,880
70-74	5,140	5,910	11,050
75-79	3,240	4,250	7,490
80-84	1,970	2,920	4,890
85-89	1,100	1,880	2,980
90+	590	1,350	1,930
Total	139,360	143,480	282,840

2020	Males	Females	Persons
0-4	10,560	9,750	20,320
5-9	11,490	10,350	21,840
10-14	10,850	10,100	20,950
15-19	7,940	7,350	15,300
20-24	7,400	6,730	14,120
25-29	8,220	8,180	16,400
30-34	9,500	10,220	19,730
35-39	11,010	11,780	22,790
40-44	10,600	11,010	21,610
45-49	9,990	9,870	19,860
50-54	9,100	9,490	18,590
55-59	8,230	8,650	16,890
60-64	7,200	7,570	14,770
65-69	6,220	6,790	13,010
70-74	5,450	6,320	11,770
75-79	3,420	4,490	7,910
80-84	2,070	3,110	5,180
85-89	1,110	1,950	3,060
90+	630	1,420	2,060
Total	141,020	145,130	286,140

2021	Males	Females	Persons
0-4	10,420	9,630	20,050
5-9	11,500	10,320	21,820
10-14	11,200	10,390	21,580
15-19	8,390	7,570	15,960
20-24	7,190	6,650	13,840
25-29	8,600	8,250	16,850
30-34	9,060	9,770	18,830
35-39	10,900	11,560	22,460
40-44	10,900	11,430	22,330
45-49	9,950	10,030	19,970
50-54	9,140	9,490	18,630
55-59	8,380	8,940	17,310
60-64	7,390	7,700	15,090
65-69	6,240	6,900	13,140
70-74	5,700	6,590	12,290
75-79	3,680	4,840	8,520
80-84	2,140	3,290	5,430
85-89	1,160	2,010	3,170
90+	700	1,520	2,220
Total	142,630	146,860	289,490

Appendix 2: Population Projection Methodology

All pre 2013 population figures published in this report are based on official Office for National Statistics data. All 2013-2026 figures are population projections which have been produced by the Research and Intelligence Team at Milton Keynes 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
2011 Mid Year Population Estimates Office for National Statistics.

Births and Fertility rates
The standard schedule of age-specific fertility rates is taken from the latest (2010-based) schedule produced by ONS. The rates are then adjusted for Milton Keynes, which has a higher fertility rate than England.

Deaths and Mortality rates
The standard schedule of age-specific fertility rates is taken from the latest (2010-based) schedule produced by ONS. The rates are then adjusted for Milton Keynes, which has a higher mortality rate than England.

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 contained by household numbers.

Household Formation/Dwelling Requirements
The number of future dwellings is set as an input from the **2013/14 housing trajectory**. The 2011-based 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 forecast being the head of a household. These estimates are then used to determine the numbers of households in Milton Keynes. These are combined with vacancy, second home and sharing rates. This constrains the future migration level to give the forecast population.

Sub District Population Projections
Ward populations are projected using the full demographic projection as described above. Estate populations are estimated using dwelling and other local data, constrained to match the ward totals. Parish populations are aggregates of estate populations.

Note
This set of projections reflects only one possible scenario. If assumptions about migration, fertility or mortality are not fulfilled, the future structure and size of the population could be different. If house building completion rates are higher or lower this will have a particular impact on the level of migration and the aging of the population. Annual updates of the forecast population will be produced, using the best available information at the time, to ensure that the council is able to react to any changes.