

Milton Keynes Population, Household & Labour Market Projections

2011-2031

June 2015

Research and Geospatial Information

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Luton Borough Council were commissioned to produce population, household and labour market projections for Milton Keynes for the period 2011-2031. The projections use a five year average for migration trends which is consistent with the Office for National Statistics' methodology. Local fertility and mortality rates were applied to the projections¹. All data are calculated by Luton Borough Council using POPGROUP² software apart from the housing completions for Milton Keynes from 2011-2026 provided by Milton Keynes Council.

The population forecasting uses POPGROUP 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.

Milton Keynes Population Projections 2011-2031

Projections were based upon the mid-year population estimates from the Office for National Statistics for 2011, 2012 and 2013. The projections up to 2026 are constrained to Milton Keynes planned housing completions. The projections after 2026 are solely based on demographic components as the detailed housing completion data runs up to 2026.

Key Points from the Population Projections

- The population of Milton Keynes is projected to rise from 249,900 in 2011 to 315,500 in 2031, a rise of 26%
- The school age population are projected to rise by about a third in this time period.
- The working age population are projected to rise by approximately 10%
- The elderly population are projected to rise by more than 100%

¹ Fertility and mortality rates were provided by POPGROUP using 2013 population based data from the Office for National Statistics

² POPGROUP Population & Derived Forecast Model used under licence from the Local Government Association.

Table 1: Milton Keynes Population Projections 2011-2031

YEAR	0-4	5-10	11-15	16-17	18 - retired	retired - 74	75-84	85+	Total
2011	20,000	19,800	15,850	6,350	153,250	22,500	8,550	3,600	249,900
2012	20,250	20,600	15,750	6,250	153,250	23,600	8,900	3,650	252,350
2013	20,450	21,700	15,700	6,350	153,900	24,700	9,150	3,750	255,700
2014	20,550	22,600	15,800	6,300	154,850	25,750	9,550	3,900	259,350
2015	20,550	23,550	16,050	6,350	156,300	26,900	9,850	4,100	263,650
2016	20,500	24,600	16,400	6,400	158,400	28,050	10,100	4,400	268,850
2017	20,550	25,400	17,150	6,350	161,300	29,150	10,600	4,650	275,050
2018	20,700	25,950	18,050	6,350	164,050	30,150	11,150	4,950	281,300
2019	20,850	26,200	19,050	6,500	166,100	31,050	11,900	5,200	286,900
2020	20,850	26,400	19,800	6,800	167,050	31,950	12,500	5,450	290,850
2021	20,850	26,400	20,650	6,950	167,900	32,700	13,250	5,850	294,500
2022	20,750	26,300	21,250	7,300	168,350	33,000	14,450	6,250	297,650
2023	20,650	26,150	21,700	7,800	168,600	33,550	15,400	6,650	300,500
2024	20,450	26,050	21,800	8,150	168,550	34,200	16,350	7,150	302,700
2025	20,200	25,900	21,900	8,350	168,100	34,850	17,250	7,550	304,050
2026	19,900	25,750	21,800	8,450	167,450	35,550	18,150	7,950	304,950
2027	19,750	25,600	21,700	8,650	168,000	36,250	18,900	8,450	307,250
2028	19,600	25,450	21,550	8,750	168,450	36,950	19,600	9,100	309,500
2029	19,450	25,300	21,500	8,700	168,900	37,800	20,200	9,800	311,600
2030	19,350	25,100	21,450	8,550	169,350	38,500	20,800	10,500	313,600
2031	19,250	24,900	21,400	8,550	169,600	39,200	21,350	11,250	315,500
2011-31 growth	-3.8%	25.8%	35.0%	34.6%	10.7%	74.2%	149.7%	212.5%	26.3%

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

Table 2: Milton Keynes Population Projections 2011-2031, Components of Change

YEAR	Births	Deaths	Natural Change
2011-12	3,950	-1,600	2,350
2012-13	3,850	-1,700	2,150
2013-14	3,850	-1,600	2,250
2014-15	3,850	-1,550	2,300
2015-16	3,850	-1,550	2,300
2016-17	3,850	-1,550	2,300
2017-18	3,900	-1,550	2,350
2018-19	3,950	-1,550	2,400
2019-20	3,950	-1,550	2,400
2020-21	3,950	-1,550	2,400
2021-22	3,950	-1,600	2,350
2022-23	3,900	-1,600	2,300
2023-24	3,850	-1,600	2,250
2024-25	3,850	-1,600	2,250
2025-26	3,750	-1,650	2,100
2026-27	3,700	-1,650	2,050
2027-28	3,700	-1,700	2,000
2028-29	3,700	-1,700	2,000
2029-30	3,700	-1,750	1,950
2030-31	3,650	-1,800	1,850

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

Figure 1: Change in Age Structure in Milton Keynes from 2011 to 2031

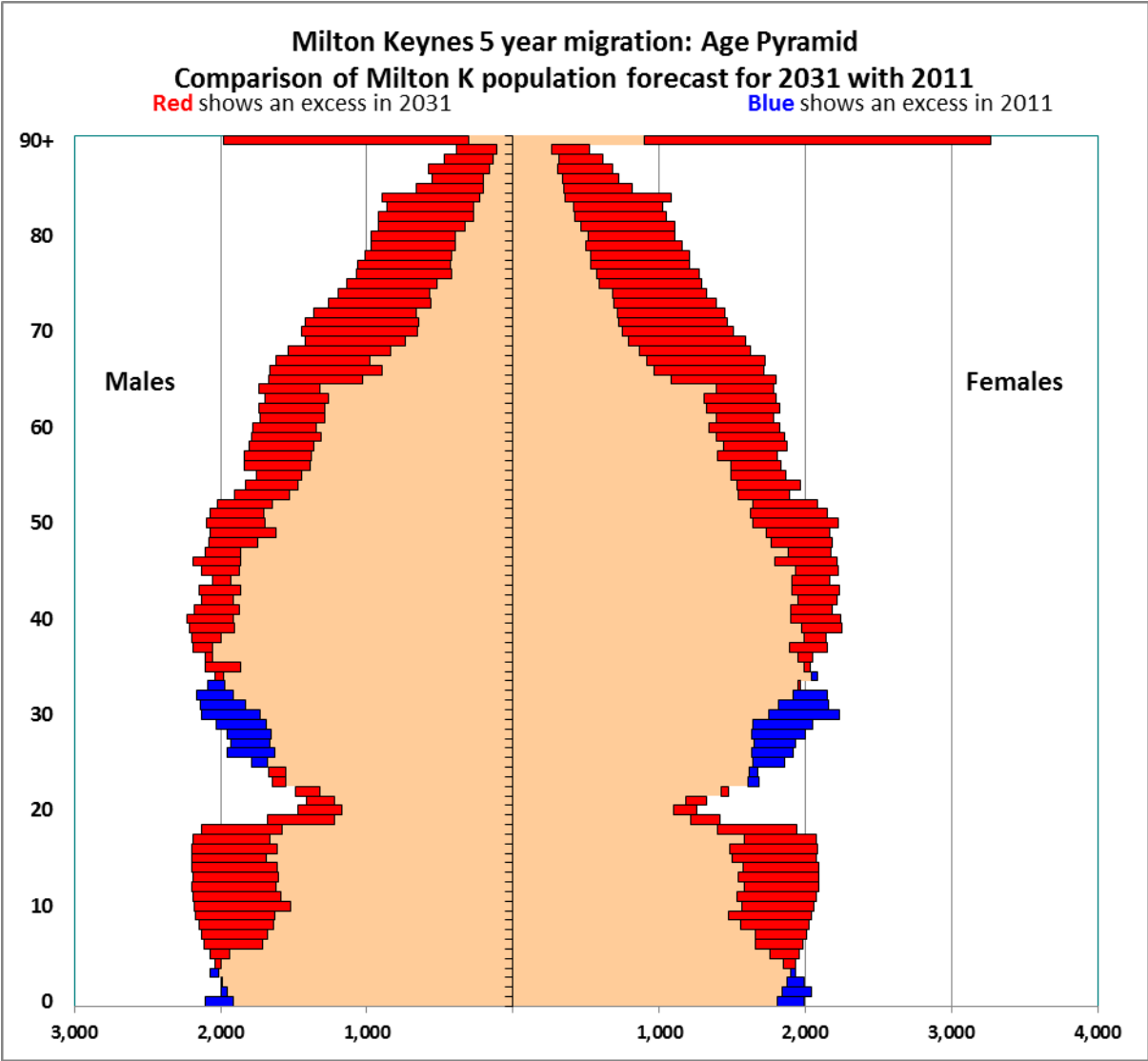


Figure 1 compares the age structure of the population in 2011 and the projected population for 2031. The graph shows a projected increase in the school age and older populations, with a decrease in people in their thirties.

Figure 2: Cumulative Population Change since 2011 in Milton Keynes

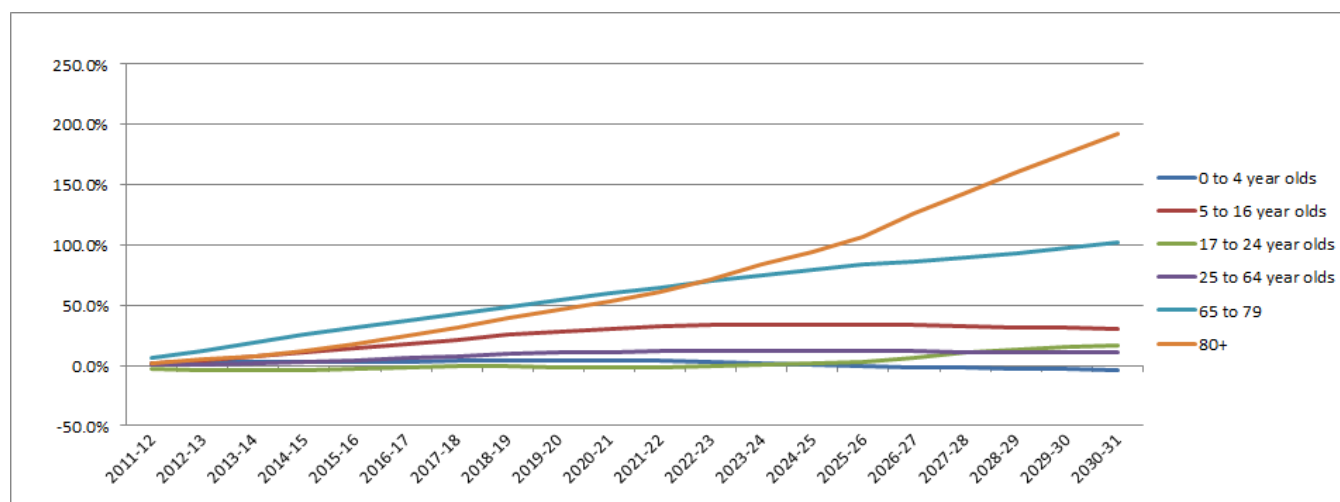


Table 3 Milton Keynes Population Projections by age 2011-2031

	2011	2016	2021	2026	2031	2011-31 Growth
0 to 4 year olds	20,000	20,500	20,850	19,900	19,250	-3.8%
5 to 16 year olds	38,750	44,150	50,550	51,800	50,550	30.5%
17 to 24 year olds	22,550	21,950	22,300	23,300	26,400	17.1%
25 to 64 year olds	140,700	146,650	156,750	157,000	156,500	11.2%
65 to 79	20,650	27,100	32,950	37,900	41,600	101.5%
80+	7,250	8,500	11,150	15,000	21,200	192.4%
Total	249,900	268,850	294,500	304,950	315,500	26.3%

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

Early Years – 0 to 4 Year olds

The number of 0 to 4 year olds are projected to remain at a consistent level of around 20,000 between 2011-2031.

School Age Population - 5 to 16 year olds

The number of school age children are projected to rise by about a third, increasing from 38,750 in 2011 peaking at 51,800 in 2026 with a slight fall to 50,550 in 2031.

Young Adults - 17 to 24 year olds

The number of young adults are projected to rise with there being 22,550 in 2011 and 26,400 in 2031.

Adults - 25 to 64 year olds

The number of adults are projected to rise by 11% between 2011 and 2031 increasing from 140,700 to 156,500 with a peak in 2026.

Retired – 65 to 79 year olds

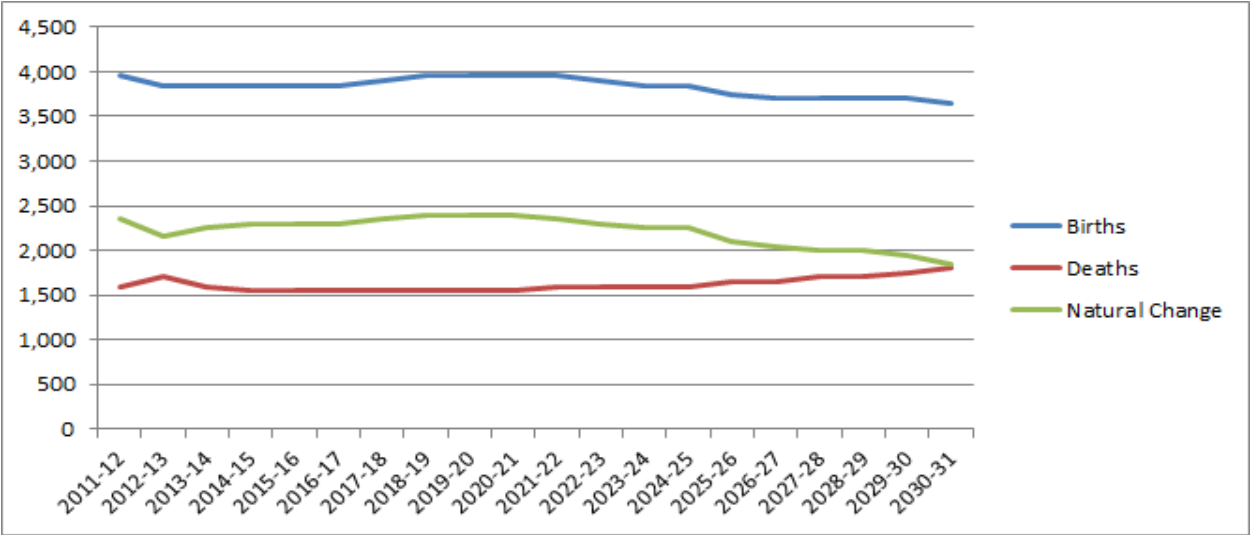
The number of 65 to 79 year olds are projected to double between 2011 and 2031 increasing from 20,650 to 41,600.

Elderly - 80 years and above

The number of people aged 80 and above are projected to increase by 192% between 2011 and 2031 rising from 7,250 to 21,220.

Components of Change

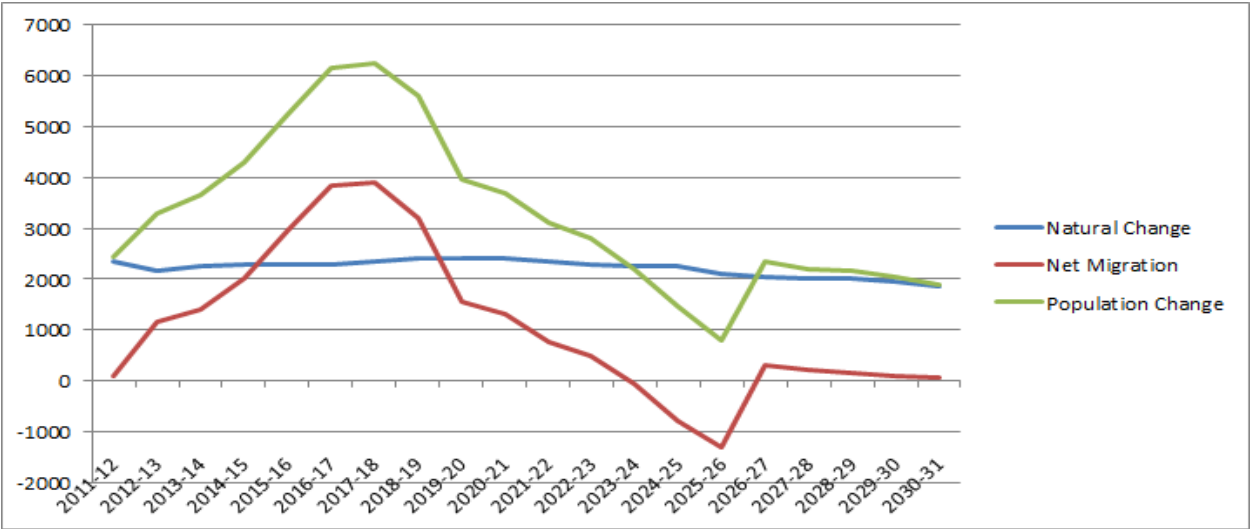
Figure 3: Milton Keynes Natural Change 2011-2031



Births are projected to stay at consistent level with a slight decline from 3,900 at the start of the projection period to 3,750 at the end. Similarly there are approximately 1,600 deaths each year throughout the projection period with the number of deaths increasing to 1,800 in 2031.

Net Migration

Figure 4: Net Migration, Natural & Population Change 2011-2031



Migration is projected forward using a five year average of previous trends. Standard methodology was used where outward migration is trended with the population. The population continues to increase but a slower rate up to 2031. The change after 2026 reflects the removal of the household completion constraint.

Milton Keynes Housing Projections 2011-2026

Table 4: Households and Planned Completions, Milton Keynes 2011-2026

Year	Households	Household Completions
2011	98,600	
2012	100,200	1,600
2013	101,500	1,300
2014	102,500	1,000
2015	104,350	1,850
2016	106,500	2,150
2017	109,100	2,600
2018	111,700	2,600
2019	114,150	2,450
2020	115,950	1,800
2021	117,700	1,750
2022	119,450	1,750
2023	121,100	1,650
2024	122,550	1,450
2025	123,700	1,150
2026	124,700	1,000
2011-26 Growth	26.5%	26100

Source: Planned household completions, Milton Keynes Council

Table 4 shows that there will be a 27% rise in the number of households in Milton Keynes, a rise of 26,100. This works out as an average of 1,700 dwellings per year. These household projections are constrained to the planned household completions in Milton Keynes.

Table 5: Households Type and Household size, Milton Keynes 2011-2026

Household Type	2011	2016	2021	2026	2011-26 New HH	11-26 growth
One person households: Male	12,231	12,825	13,952	14,976	2,744	22.4%
One person households: Female	13,600	14,044	15,074	17,354	3,755	27.6%
One family and no others: Couple: No dependent children	24,721	25,585	27,260	29,550	4,829	19.5%
One family and no others: Couple: 1 dependent child	7,699	8,673	9,791	9,734	2,034	26.4%
One family and no others: Couple: 2 dependent children	9,181	10,024	10,947	10,896	1,715	18.7%
One family and no others: Couple: 3+ dependent children	3,782	4,180	4,643	4,634	852	22.5%
One family and no others: Lone parent: 1 dependent child	3,952	4,746	5,715	5,809	1,856	47.0%
One family and no others: Lone parent: 2 dependent children	2,498	2,885	3,345	3,291	793	31.7%
One family and no others: Lone parent: 3+ dependent children	1,165	1,311	1,493	1,471	306	26.2%
A couple and one or more other adults: No dependent children	8,210	8,994	10,053	10,567	2,357	28.7%
A couple and one or more other adults: 1 dependent child	1,954	2,039	2,121	2,190	236	12.1%
A couple and one or more other adults: 2 dependent children	1,047	1,248	1,456	1,499	452	43.2%
A couple and one or more other adults: 3+ dependent children	449	533	619	632	183	40.7%
A lone parent and one or more other adults: 1 dependent child	851	946	1,039	1,048	198	23.3%
A lone parent and one or more other adults: 2 dependent children	302	332	364	360	58	19.3%
A lone parent and one or more other adults: 3+ dependent children	144	164	183	184	39	27.2%
Other households	6,813	7,987	9,627	10,499	3,686	54.1%
Total Households	98,600	106,516	117,682	124,695	26,095	26.5%
Average Household Size	2.53	2.52	2.50	2.45		

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

Table 5 shows the projected housing trajectory for Milton Keynes using the 2011 local authority population based household rates for Milton Keynes produced by Communities and Local Government (CLG). The projections show that there is projected to be a fall in the size of the average household in Milton Keynes from 2.53 in 2011 to 2.45 in 2026. There is a projected increase in the number of one person households and lone parent households. Please note that these data are projecting current trends measured by CLG into the future.³

³ 2011 based Local Authority Household Projections, Communities & Local Government, [link](#)

Table 6: Milton Keynes Household Projections 2026-2031

Year	Households	Household Need	HH Size
2027	125,900	1,200	2.44
2028	127,300	1,400	2.43
2029	128,650	1,350	2.42
2030	129,950	1,300	2.41
2031	131,300	1,350	2.40
2027-31 growth	4.3%	6600	

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

Table 6 shows the household projections from 2026 which are calculated using demographic change rather than planned completions. In this time period household need will increase by 4.3% with average household size falling to 2.4. There is a projected need for approximately 1,300 households per year in this time period. The projections used the POPGROUP Derived Forecast model with household growth constrained to Milton Keynes Council's provided planned completions up to 2026, after 2026 household growth used the Milton Keynes population projections to estimate household growth.

Milton Keynes Labour Market Projections 2014-2031

Table 7: Milton Keynes Labour Force Projections 2014-2031

Year	EEFM Empl Projections	EEFM Employment rate	Current Empl rate Projections	Current Employment rate
2014	123,500	73.6%	123,500	73.6%
2015	117,000	69.0%	124,750	73.6%
2016	118,850	69.2%	126,450	73.6%
2017	121,250	69.4%	128,600	73.6%
2018	123,650	69.6%	130,700	73.6%
2019	125,600	69.8%	132,550	73.6%
2020	126,750	69.9%	133,500	73.6%
2021	127,550	69.9%	134,350	73.6%
2022	128,500	70.0%	135,150	73.6%
2023	128,950	69.9%	135,800	73.6%
2024	128,900	69.7%	136,200	73.6%
2025	128,350	69.4%	136,150	73.6%
2026	127,600	69.1%	135,900	73.6%
2027	127,600	68.8%	136,500	73.6%
2028	127,500	68.5%	137,050	73.6%
2029	127,250	68.2%	137,300	73.6%
2030	126,950	67.9%	137,600	73.6%
2031	126,600	67.6%	137,750	73.6%

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

Table 7 shows employment projections for Milton Keynes from 2014-2031. The 2014 figure is the number of people employed in Milton Keynes measured by the Annual Population Survey from the ONS. There were 123,500 people in employment in Milton Keynes in 2014. Two sets of projections were made, the first using the projected employment rate from the East of England Forecasting model from Oxford Economics. The second set of projections use the current employment rate which remains constant throughout the projection period. The projected working age population is the denominator. The projections were calculated using the POPGROUP Derived Forecast model which is consistent with the population projections.

There are 126,600 people projected to be in employment in Milton Keynes in 2031 in comparison to 127,600 in 2014 using the EEFM rate and there are projected to be 137,750 in employment in 2031 using the current employment rate.

Milton Keynes Settlement Population Projections 2011-2026

Settlement and parish projections were calculated up to 2026 because data on expected household completions in Milton Keynes are available up to this date. The data for 2012 and 2013 are based on actual completions.

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Milton Keynes	249900	252350	255700	259350	263650	268850	275050	281300	286900	290850	294500	297650	300500	302700	304050	304950
Ashland	500	500	500	650	800	900	1000	1100	1100	1100	1100	1100	1100	1100	1100	1100
Astwood	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Bancroft	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Bancroft Park	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Beanhill	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Blakelands	850	900	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Blue Bridge	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Bolbeck Park	850	850	850	850	850	850	850	850	850	850	850	850	850	850	850	850
Bow Brickhill	550	550	550	550	550	600	600	600	600	600	600	600	600	600	600	600
Bradville	4200	4150	4150	4150	4150	4150	4150	4150	4250	4250	4250	4250	4250	4250	4250	4250
Bradwell	2900	2900	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850	2850
Bradwell Common	3300	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250
Brickfields	5150	5150	5200	5250	5250	5250	5250	5250	5250	5250	5250	5250	5250	5250	5250	5250
Broughton & Atterbury	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050	3050
Broughton Gate	2150	2850	3150	3400	3600	3800	3950	4200	4450	4600	4600	4600	4600	4600	4600	4600
Brooklands (EEA)	50	300	500	700	1400	2150	3000	3750	4500	5000	5450	5850	6150	6150	6150	6150
Browns Wood	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
Caldecotte	1400	1400	1400	1400	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450
Calverton	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Campbell Park	850	950	950	950	1100	1300	1900	2300	2600	3100	3550	3900	4450	4750	5050	5250
Castlethorpe	1050	1050	1050	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Central Bletchley	4000	4200	4300	4350	4550	4850	5200	5350	5450	5450	5450	5450	5450	5450	5450	5450
Central Milton Keynes	2750	2750	2700	2700	2750	3000	3300	3500	3750	4000	4200	4950	5700	6350	6600	6800
Chicheley	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Clifton Reynes	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Coffee Hall	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Cold Brayfield	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Conniburrow	3300	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250	3250
Crownhill	2750	2700	2700	2700	2700	2700	2700	2800	2800	2800	2800	2800	2800	2800	2800	2800
Denbigh East	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Downhead Park	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Downs Barn	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450
Eaglestone	2500	2500	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550	2550
Emberton	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
Emerson Valley	5000	5000	5000	5000	5000	5000	5000	5000	5100	5100	5100	5100	5100	5100	5100	5100
Far Bletchley	6650	6700	6700	6750	6750	6750	6750	6750	6750	6750	6750	6750	6750	6750	6750	6750
Fenny Stratford	1800	1900	1950	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050
Fishermead	5150	5100	5050	5050	5050	5050	5050	5050	5050	5050	5050	5050	5050	5050	5050	5050
Fullers Slade	1800	1800	1800	1800	1800	1800	1850	1900	1900	1900	1900	1900	1900	1900	1900	1900
Furzton	5850	5800	5750	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Galley Hill	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
Gayhurst	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Giffard Park	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850
Granby	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Grange Farm	2000	1950	1950	1950	1950	1950	1950	2000	2100	2100	2100	2100	2100	2100	2100	2100
Great Holm	3150	3100	3050	3050	3050	3050	3050	3050	3100	3100	3100	3100	3100	3100	3100	3100
Great Linford	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800
Greenleys	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Hanslope	2350	2350	2400	2400	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450
Hardmead	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Haversham/Little Linford	850	850	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Heelands	3500	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450	3450
Hodge Lea	1200	1200	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250
Kents Hill	2650	2600	2600	2600	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700
Kingsmead	1450	1450	1450	1450	1600	1850	2150	2350	2500	2500	2500	2500	2500	2500	2500	2500
Lathbury	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Lavendon	1250	1250	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
Leadenhall	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
Little Brickhill	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Loughton	3200	3150	3150	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100
Loughton Lodge	100	100	100	100	200	300	350	350	350	350	350	350	350	350	350	350
Medbourne	1550	1550	1500	1500	1500	1500	1500	1600	1700	1750	1750	1750	1750	1750	1750	1750
Middleton/Milton Keynes Village	2850	2850	2850	2950	3000	3000	3000	3100	3200	3250	3250	3250	3250	3250	3250	3250
Monkston	4100	4050	4050	4050	4050	4050	4050	4100	4200	4200	4200	4200	4200	4200	4200	4200
Monkston Park	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Moulsoe	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Neath Hill	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050
Netherfield	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400
New Bradwell	3150	3150	3200	3200	3200	3250	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300
Newport Pagnell	15100	15150	15150	15150	15250	15350	15400	15400	15400	15400	15400	15400	15400	15400	15400	15400
Newton Blossomville	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Newton Leys	500	700	950	1200	1750	2100	2350	2800	3150	3600	4000	4000	4000	4000	4000	4000
North Crawley	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Oakgrove	0	0	0	400	800	1350	1850	2350	2500	2500	2500	2500	2500	2500	2500	2500
Oakhill	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Oakridge Park	450	850	1150	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Old Farm Park	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150	2150
Old Wolverton	500	650	700	800	800	800	800	800	800	800	800	800	800	800	800	800
Oldbrook	5900	5800	5750	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800	5800
Olney	6500	6450	6450	6500	6500	6600	6600	6600	6600	6600	6600	6600	6600	6600	6600	6600
Oxley Park	2450	2600	3000	3300	3500	3650	3800	3850	3850	3850	3850	3850	3850	3850	3850	3850
Peartree Bridge	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
Pennyland	1050	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Ravenstone	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Redhouse Park	450	550	700	900	1100	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
Shenley Brook End	3600	3550	3550	3550	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650
Shenley Church End	3800	3750	3700	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650	3650
Shenley Lodge	3350	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300
Shenley Wood	0	500	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Sherington	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
Simpson	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
Springfield	2450	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400
Stacey Bushes	1250	1250	1250	1300	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350
Stantonbury	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Stoke Goldington	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Stony Stratford	4950	5050	5050	5050	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100
Tattenhoe	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850	3850
Tattenhoe Park	0	0	0	0	150	450	650	950	1200	1450	1850	2050	2250	2400	2550	2600
Tinkers Bridge	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
Two Mile Ash	4250	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200
Tyringham & Filgrave	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Walnut Tree	4100	4050	4050	4000	4000	4150	4150	4200	4300	4300	4300	4300	4300	4300	4300	4300
Walton	0	200	300	400	500	500	500	500	500	500	500	500	500	500	500	500
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	8500	8500	8500	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600	8600
Wavendon	800	800	800	800	800	900	1650	2650	3800	4750	5650	6300	6700	7000	7150	7150
Wavendon Gate	2300	2300	2300	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250	2250
West Bleckley	10400	10500	10700	10800	10800	10800	10800	10800	10800	10800	10800	10800	10800	10800	10800	10800
Westcroft	2800	2750	2750	2850	2950	2950	2950	3050	3100	3100	3100	3100	3100	3100	3100	3100
Weston Underwood	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Willen	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
Willen Park	1250	1300	1350	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
Woburn Sands	2900	2950	3100	3200	3350	3500	3650	3700	3700	3700	3700	3700	3700	3700	3700	3700
Wolverton	7050	7050	7600	7950	8100	8100	8100	8250	8400	8400	8400	8400	8400	8400	8400	8400
Wolverton Mill	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Woolstone	850	850	850	850	850	950	950	950	950	950	950	950	950	950	950	950
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
Western Expansion Area	0	0	0	0	200	1100	2400	3500	4500	5450	6300	7100	7800	8500	9100	9500

Source: Luton Borough Council using Milton Keynes planned completions, components may not sum to totals due to rounding

Milton Keynes Parish Population Projections 2011-2026

Parish Name	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Milton Keynes	249900	252350	255700	259350	263650	268850	275050	281300	286900	290850	294500	297650	300500	302700	304050	304950
Abbey Hill	4250	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200
Astwood & Hardmead	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Bletchley and Fenny Stratford	15500	16000	16450	16950	17650	18300	18900	19500	19950	20400	20800	20800	20800	20800	20800	20800
Bow Brickhill	550	550	550	550	550	600	600	600	600	600	600	600	600	600	600	600
Bradwell	9700	9600	9550	9600	9600	9600	9600	9600	9600	9600	9600	9600	9600	9600	9600	9600
Broughton & Milton Keynes	8100	9050	9550	10550	11850	13400	14900	16500	17750	18350	18850	19250	19500	19500	19500	19500
Calverton	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Campbell Park	15750	15550	15500	15550	15550	15650	15650	15650	15650	15650	15650	15650	15650	15650	15650	15650
Castletorpe	1050	1050	1050	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Central Milton Keynes	3600	3700	3650	3650	3850	4300	5200	5850	6400	7050	7750	8900	10150	11150	11650	12050
Chicheley	100	100	100	100	100	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	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	0	0	0	0	50	250	750	1100	1650	2300	3000	3050	3700	3400	3650	4100
Gayhurst	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Great Linford	19600	19700	19950	20250	20450	20600	20650	20650	20650	20650	20650	20650	20650	20650	20650	20650
Hanslope	2350	2350	2400	2400	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450
Haversham-cum-Little Linford	850	850	900	900	900	900	900	900	900	900	900	900	900	900	900	900
Kents Hill, Monkston and Brinklow	8350	8250	8250	8300	8400	8400	8400	8450	8550	8550	8550	8550	8550	8550	8550	8550
Lathbury	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Lavendon	1250	1250	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
Little Brickhill	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Loughton	6450	6350	6300	6300	6400	6500	6550	6550	6600	6600	6600	6600	6600	6600	6600	6600
Moulsoe	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Bradwell	3150	3150	3200	3200	3200	3250	3300	3300	3300	3300	3300	3300	3300	3300	3300	3300
Newport Pagnell	15100	15150	15150	15150	15250	15350	15400	15400	15400	15400	15400	15400	15400	15400	15400	15400
North Crawley	750	750	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	6500	6450	6450	6500	6500	6600	6600	6600	6600	6600	6600	6600	6600	6600	6600	6600
Ravenstone	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Shenley Brook End	25900	25700	25700	25900	26350	26850	27400	27950	28450	28700	29100	29300	29500	29650	29800	29850
Shenley Church End	13100	13600	14200	14450	14650	14800	14950	15200	15350	15400	15400	15400	15400	15400	15400	15400
Sherington	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950	950
Simpson and Ashland	1150	1150	1150	1300	1450	1550	1650	1750	1750	1750	1750	1750	1750	1750	1750	1750
Stantonbury	9900	10250	10550	10750	10750	10750	10750	10750	10800	10800	10800	10800	10800	10800	10800	10800
Stoke Goldington	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
Stony Stratford	7800	7900	7900	7950	7950	7950	8000	8050	8050	8050	8050	8050	8050	8050	8050	8050
Tyringham and Filgrave	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Walton	11900	12050	12150	12200	12350	12450	12450	12500	12600	12600	12600	12600	12600	12600	12600	12600
Warrington	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Wavendon	800	800	800	800	800	900	1650	2650	3800	4750	5650	6300	6700	7000	7150	7150
West Bletchley	22200	22350	22650	22750	22750	22750	22750	22750	22750	22750	22750	22750	22750	22750	22750	22750
Weston Underwood	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Whitehouse	0	0	0	0	150	850	1700	2400	2850	3150	3300	4050	4100	5100	5450	5450
Woburn Sands	2900	2950	3100	3200	3350	3500	3650	3700	3700	3700	3700	3700	3700	3700	3700	3700
Wolverton and Greenleys	12500	12650	13350	13800	14050	14050	14050	14200	14300	14300	14300	14300	14300	14300	14300	14300
Woughton	13250	13250	13350	13350	13350	13350	13350	13350	13350	13350	13350	13350	13350	13350	13350	13350

Source: Luton Borough Council using Milton Keynes planned completions, components may not sum to totals due to rounding

Appendix 1: Methodology

All population data prior to 2014 in this report are based on official data from the Office for National Statistics (ONS).

All 2014-2031 figures are population projections which have been produced by the Research and Geospatial Information Team at Luton Borough Council using the POPGROUP model. The model uses a standard cohort component forecasting method to produce age specific population projections. The population is constrained to the planned housing completions in Milton Keynes as of 2014. Completions data run from 2014-2026. Projections after 2026 are based on demographic factors.

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. The timing of the household completions also impact on the projections.

The model relies on the imputation of various data and assumptions.

Population

Single year of age data from the ONS' mid-year population data from 2011, 2012 and 2013 are used as the base for the projections.

Births and Fertility rates

The schedule of Milton Keynes age-specific fertility rates are provided by POPGROUP using data from the ONS. These data are taken from the latest (2013-based) schedule produced by ONS.

Deaths and Mortality rates

The schedule of Milton Keynes age-specific mortality rates are provided by POPGROUP using data from the ONS. These data are taken from the latest (2013-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 planned household completion provided by Milton Keynes Council.

Household Formation/Dwelling Requirements

The number of future dwellings are taken from Milton Keynes Council's planned housing completions data as of 2014. The 2011-based household projections produced by Department for Communities & Local Government (CLG) are used to calculate projected household types. 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 household structure in Milton Keynes. Data run from 2011 to 2021 with the rate being assumed constant up to 2031. CLG are projecting current trends into the future. The projections used the POPGROUP Derived Forecast model with household growth constrained to Milton Keynes Council's provided planned completions up to 2026, after 2026 household growth used the population projections to estimate household growth.

Small Area Population Projections

Settlement and Parish populations are estimated using planned housing completions and other local data, constrained to match the Milton Keynes population projections totals. Parish populations are aggregates of estate populations.

Labour Market Projections

Labour Market projections take Milton Keynes' working age population projections and apply a projected employment rate from the East of England Economic Forecasting Model produced by Oxford Economics. An alternative scenario applies the current employment rate from the ONS' Annual Population Survey. The projections were calculated using the POPGROUP Derived Forecast Model and are consistent with the population projections.

Appendix 2: Population Projections by quinary age group

Milton Keynes Population Projections by age 2011-2031, total

Total	2011	2016	2021	2026	2031
0-4	20,000	20,500	20,850	19,900	19,250
5-9	16,700	20,800	21,950	21,400	20,650
10-14	15,750	17,050	21,300	21,750	21,350
15-19	14,950	14,950	16,300	19,450	20,000
20-24	13,900	13,350	13,300	12,550	14,950
25-29	19,400	18,000	18,800	16,850	16,550
30-34	21,100	21,400	21,450	20,450	19,000
35-39	19,700	21,750	23,050	22,100	21,450
40-44	19,050	19,600	21,950	22,300	21,800
45-49	18,050	18,900	19,550	21,000	21,550
50-54	16,050	17,800	18,900	18,850	20,250
55-59	14,100	15,650	17,750	18,350	18,250
60-64	13,250	13,500	15,300	17,050	17,700
65-69	9,100	12,550	13,000	14,550	16,350
70-74	6,650	8,550	12,000	12,250	13,850
75-79	4,900	6,000	7,950	11,050	11,400
80-84	3,650	4,150	5,300	7,050	9,950
85-89	2,400	2,700	3,350	4,350	6,000
90+	1,200	1,700	2,450	3,600	5,250
Total	249,900	268,850	294,500	304,950	315,500

Source: Luton Borough Council using Milton Keynes planned completions, components may not sum to totals due to rounding

Milton Keynes Population Projections by age 2011-2031, male

Male	2011	2016	2021	2026	2031
0-4	10,150	10,550	10,700	10,250	9,900
5-9	8,600	10,650	11,300	11,000	10,650
10-14	7,950	8,750	10,850	11,150	10,950
15-19	7,750	7,650	8,450	10,050	10,400
20-24	6,850	6,750	6,650	6,450	7,700
25-29	9,650	8,700	9,300	8,400	8,300
30-34	10,500	10,550	10,450	10,200	9,500
35-39	9,900	10,850	11,450	10,900	10,800
40-44	9,500	9,800	10,900	10,950	10,750
45-49	8,950	9,450	9,800	10,400	10,600
50-54	8,050	8,750	9,400	9,350	9,900
55-59	6,900	7,850	8,700	9,050	9,000
60-64	6,500	6,500	7,600	8,300	8,700
65-69	4,450	6,100	6,200	7,150	7,900
70-74	3,100	4,050	5,700	5,750	6,700
75-79	2,200	2,700	3,700	5,150	5,250
80-84	1,500	1,750	2,300	3,200	4,550
85-89	800	1,050	1,350	1,850	2,650
90+	300	500	800	1,300	2,000
Total	123,600	132,900	145,650	150,850	156,150

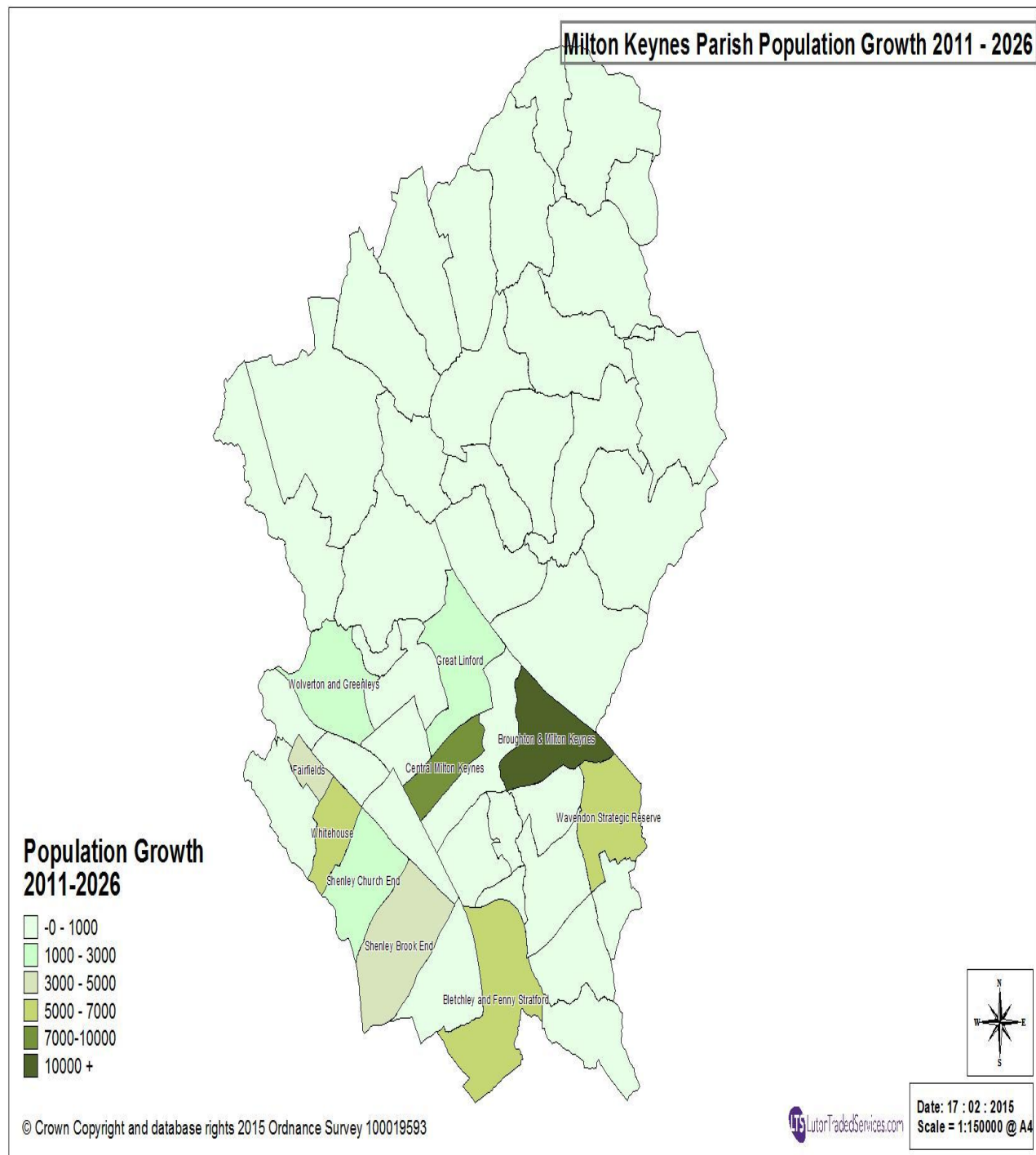
Source: Luton Borough Council using Milton Keynes planned completions, components may not sum to totals due to rounding

Milton Keynes Population Projections by age 2011-2031, female

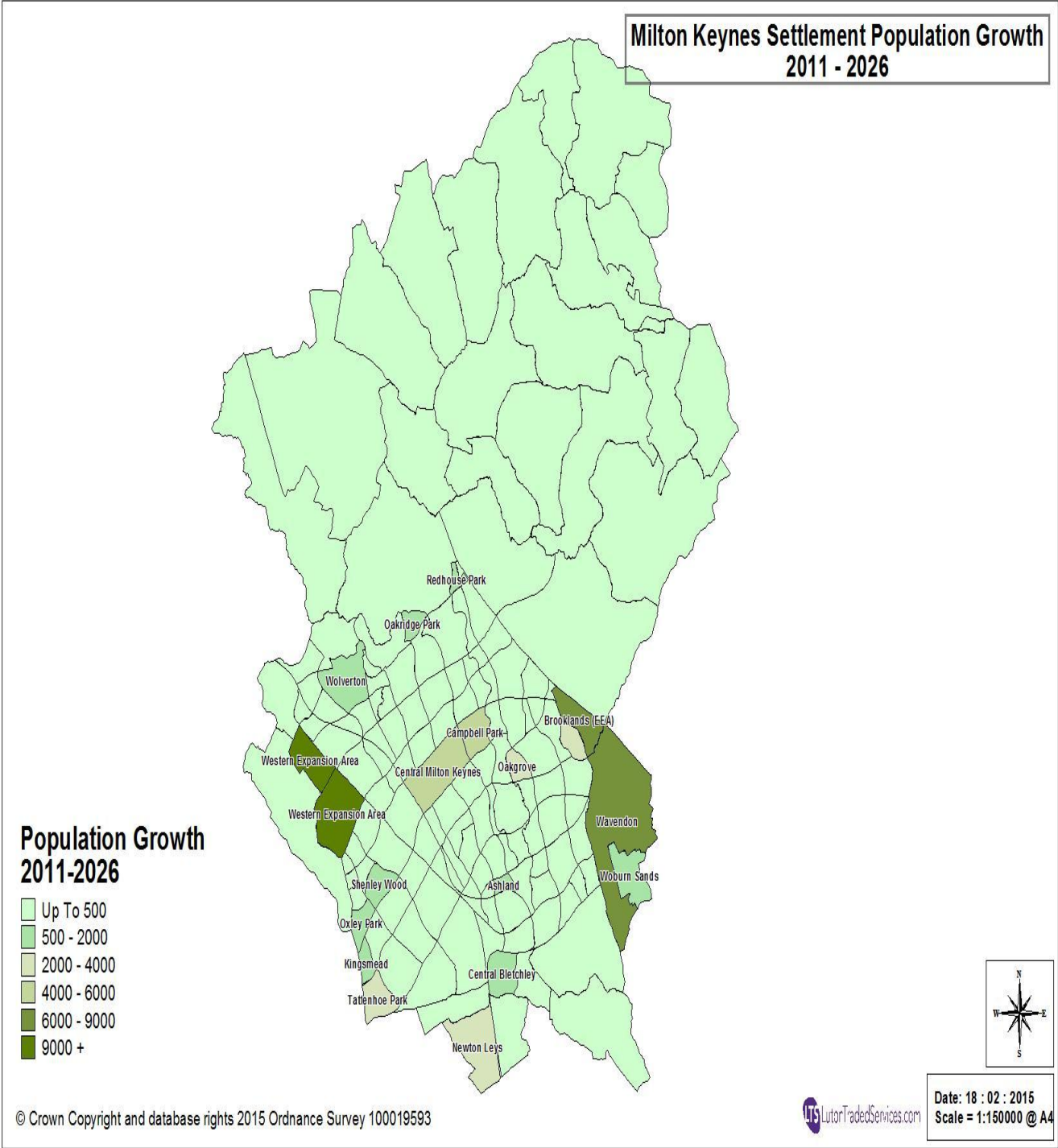
Female	2011	2016	2021	2026	2031
0-4	9,800	9,950	10,150	9,650	9,350
5-9	8,100	10,200	10,600	10,400	10,050
10-14	7,800	8,250	10,450	10,550	10,400
15-19	7,200	7,300	7,850	9,450	9,600
20-24	7,050	6,600	6,650	6,100	7,300
25-29	9,750	9,350	9,500	8,500	8,200
30-34	10,600	10,850	11,000	10,250	9,500
35-39	9,800	10,900	11,600	11,200	10,650
40-44	9,550	9,800	11,000	11,300	11,050
45-49	9,100	9,450	9,800	10,600	10,950
50-54	8,000	9,000	9,550	9,500	10,300
55-59	7,200	7,850	9,000	9,300	9,250
60-64	6,750	7,000	7,700	8,750	9,000
65-69	4,600	6,450	6,800	7,400	8,450
70-74	3,550	4,450	6,250	6,500	7,150
75-79	2,700	3,300	4,300	5,900	6,150
80-84	2,200	2,350	3,000	3,850	5,350
85-89	1,550	1,650	2,000	2,550	3,350
90+	900	1,200	1,650	2,300	3,250
Total	126,300	135,950	148,900	154,100	159,350

Source: Luton Borough Council using Milton Keynes planned completions, components may not sum to totals due to rounding

Map: 1 Milton Keynes Parish Population Growth 2011-2026



Map: 2 Milton Keynes Parish Settlement Growth 2011-2026



Maps 1 and 2 highlight the areas of high projected population growth in Milton Keynes between 2011 and 2026. The largest population growth is in the Western and Eastern Expansion areas. Other developments are planned in Newton Leys, Central Bletchley, Central Milton Keynes and Campbell Park.

Appendix 4: Milton Keynes Ward Estimates

New ward boundaries for Milton Keynes were introduced in 2014. The Office for National Statistics have not yet produced population estimates for the new wards therefore it is not possible to produce ward estimates for the new boundaries consistent with the 2013 mid-year population estimates for Milton Keynes.