

Milton Keynes Joint Strategic Needs Assessment (JSNA)

Chapter 1 - Demographics

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Key Points

Geographical Disparity

Olney ward has the greatest median age of 49 years with a decline in population of 5.8% over the last ten years. Broughton ward is showing the greatest level of growth with 83.1% and the lowest median age of 33 years. Overall Milton Keynes shows a 8.1% growth over the ten years.

Service Pressure for under 16s & over 65 years old

Under 16s now account for 23.2% of the Milton Keynes population, and 14.4% over 65s. Milton Keynes's dependency ratio has maintained the same level since previous year with 0.57 dependents : 1 working age adults in 2020 (England 0.58). There are estimated to be 12,200 additional over 60s by 2031.

Drivers of Growth

Milton Keynes internal migration from the UK has been net negative since 2015 however, since 2017 this has become smaller. International migration is net positive up until 2019 with a decline in 2020. Internal migration within the UK is -773 on average over the last five years and international migration averages 478 per year in the last five years.

Overall, the population has grown by an annual average of 1,404 over the last five years.

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Population

270,203

ONS mid year est 2020



Female

136,648

50.6%

(England 50.5%)



Male

133,555

49.4%

(England 49.5%)

1. Under 5s

18,180

6.7%

(England 5.7%)

2. 5-15s

44,579

16.5%

(England 13.5%)

3. 16-64s

168,427

62.3%

(England 62.3%)

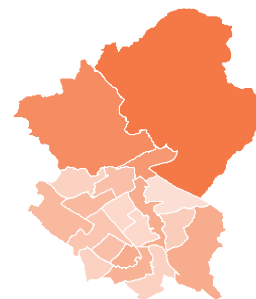
4. Over 65s

39,017

14.4%

(England 18.5%)

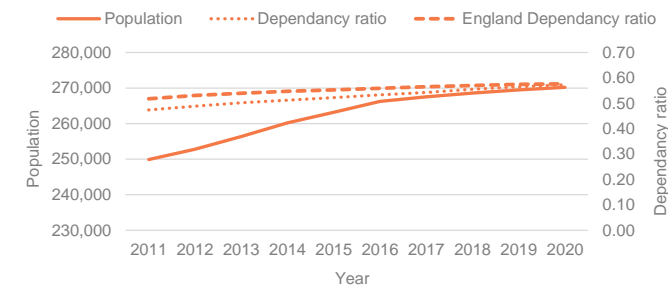
Median Age by Ward



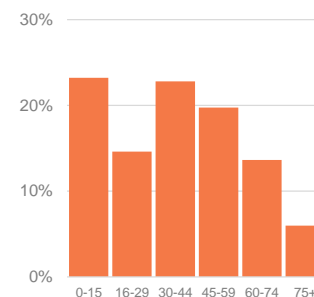
Ward Name	Median Age	Estimated Population	Change vs 2011
Olney	49	11,438	-5.8%
Newport Pagnell North & Hanslope	46	11,609	-1.1%
Newport Pagnell South	44	11,105	-3.7%
Bletchley West	41	14,496	-2.3%
Campbell Park & Old Woughton	41	12,897	-0.1%
Danesborough & Walton	41	12,540	4.6%
Bletchley Park	40	14,959	5.5%
Bradwell	39	12,753	-1.3%
Stony Stratford	39	11,777	11.3%
Shenley Brook End	38	13,448	-3.9%
Stantonbury	38	16,066	8.7%
Loughton & Shenley	37	16,747	16.1%
Monkston	36	13,330	2.1%
Bletchley East	35	15,634	23.9%
Tattenhoe	35	12,237	18.5%
Wolverton	35	15,559	9.2%
Central Milton Keynes	34	16,715	8.3%
Woughton & Fishermead	34	18,401	1.8%
Broughton	33	18,492	83.1%

Total 270,203 8.1%

Population Over Time



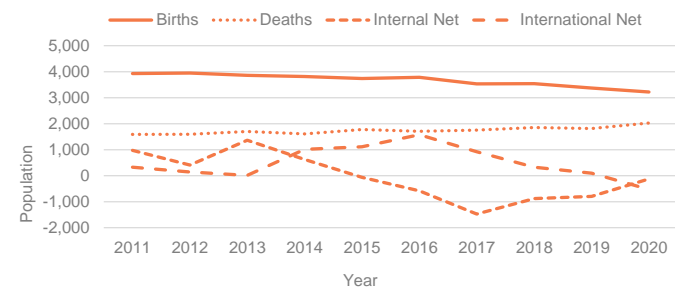
Population Age Profile



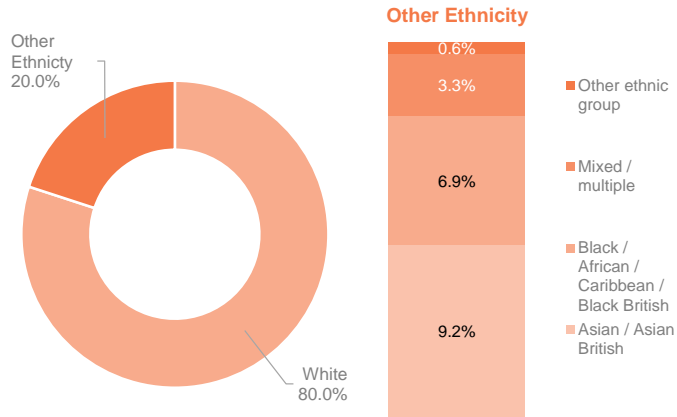
Projections by Age Range

Age	10 Year pop change (2031)	10 Year pop % change (2031)
0-19	-4,940	-6.7%
20-39	-3,970	-5.8%
40-59	2,156	2.9%
60-79	6,570	14.5%
80+	5,587	58.3%
All ages	5,405	2.0%

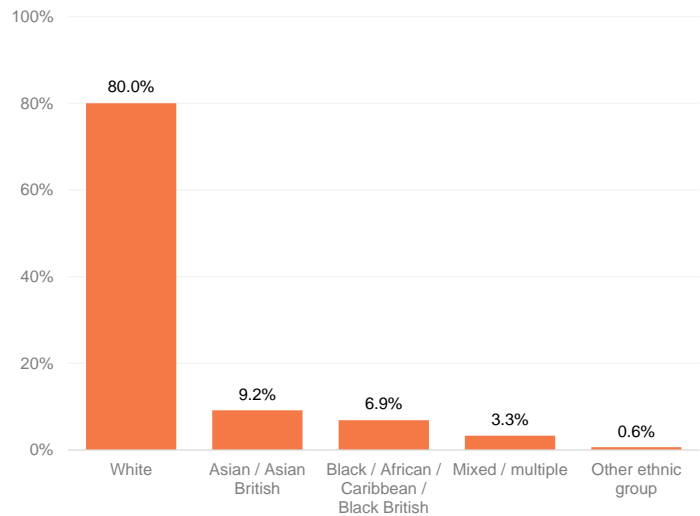
Population Change



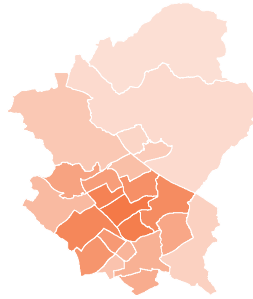
Ethnic Composition (Census 2011)



Population % by Ethnicity



Ethnic Minority by Ward



Ward Name	Other than White %	Other than White Number	White Number
Campbell Park	40.7%	6,863	9,996
Woughton	27.8%	3,289	8,535
Bradwell	27.0%	3,495	9,443
Loughton Park	25.3%	4,576	13,532
Middleton	25.1%	3,955	11,820
Linford South	24.0%	2,320	7,352
Emerson Valley	23.6%	4,223	13,673
Furzton	23.0%	2,106	7,042
Stantonbury	21.1%	2,002	7,467
Wolverton	20.3%	3,169	12,432
Walton Park	19.2%	2,795	11,764
Eaton Manor	18.7%	1,603	6,960
Bletchley and Fenny Stratford	18.1%	2,463	11,118
Denbigh	15.4%	1,240	6,822
Stony Stratford	14.5%	1,761	10,387
Linford North	13.2%	1,105	7,292
Whaddon	12.2%	1,033	7,429
Hanslope Park	6.8%	350	4,782
Newport Pagnell South	5.3%	413	7,313
Danesborough	4.9%	227	4,445
Newport Pagnell North	4.4%	324	7,068
Sherington	3.4%	141	3,961
Olney	3.1%	274	8,461
Total	20.0%	49,727	199,094

Key Points

Geographical Diversity

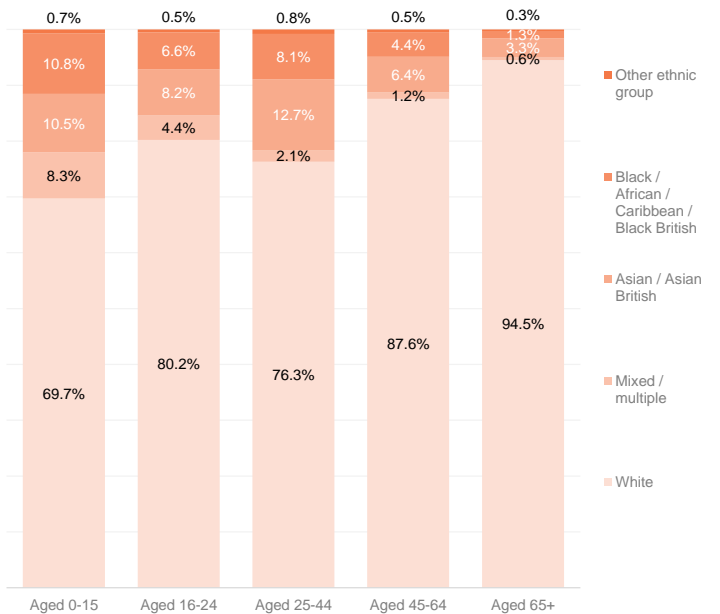
Ethnic composition varies widely by geographic area. Milton Keynes has 20% of residents other than White, notably Campbell Park ward has 40.7% and Woughton ward with 27.8%.

80% of the population are from a White ethnic group. This increases across the age groups with 94.5% aged 65 plus.

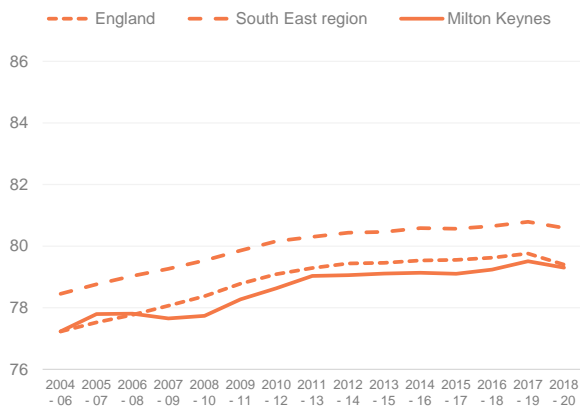
Diverse Youth

Ethnic diversity decreases by age group with 30.3% of 0-15s from a non-white ethnic group. For 65 plus this is just 5.5%.

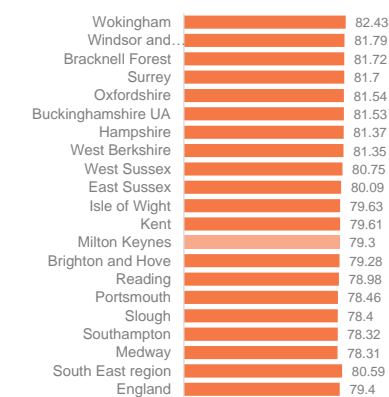
Ethnicity % by Age Group



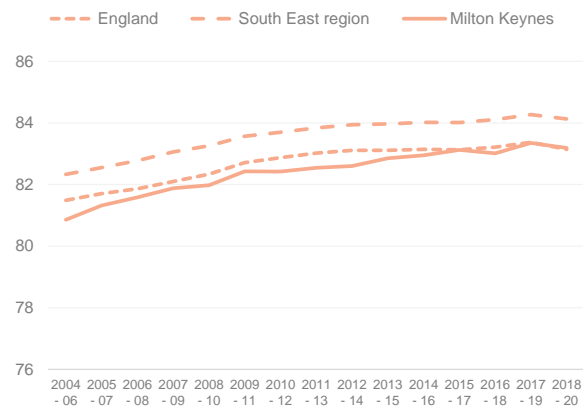
Male Life Expectancy (at birth)



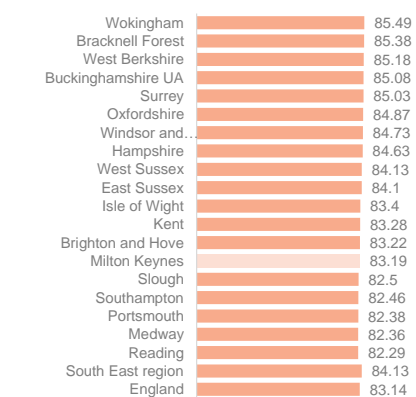
South East Comparison



Female Life Expectancy (at birth)



South East Comparison



Key Points

Male Life Expectancy

Estimated life expectancy for males is 79.3 years, compared to 79.4 for England as a whole. Contrasted to women within Milton Keynes, males are expected to live 3.9 fewer years on average.

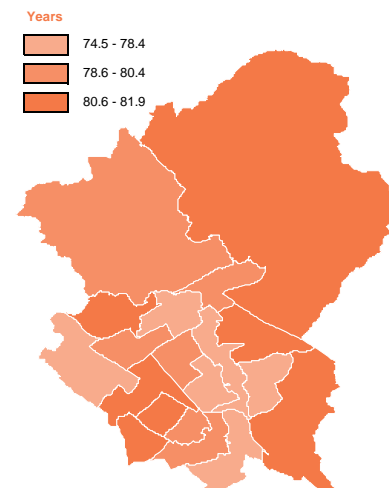
Recent Decline

Male life expectancy has dropped since a peak in 2017-19 with 79.5 years. This was following a similar trend of England.

Geographic Inequality

Male life expectancy differs widely across Milton Keynes, with a range of 7.4 years, with the lowest in Woughton & Fishermead ward at 74.5 years and highest in Olney ward with 81.9 years, two of the most and least deprived areas within Milton Keynes.

Male Life Expectancy by Ward



Key Points

Female Life Expectancy

Estimated life expectancy for females is 83.2 years, compared to 83.1 for England as a whole. Contrasted to men within Milton Keynes, females are expected to live 3.9 years longer on average.

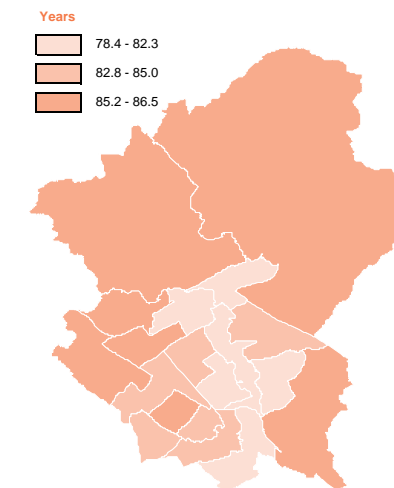
Recent Decline

Similarly to male life expectancy, there has been a drop since a peak in women's life expectancy in 2017-19 with 83.4 years, similar to England's life expectancy, and following a similar trend to England in recent years.

Geographic Inequality

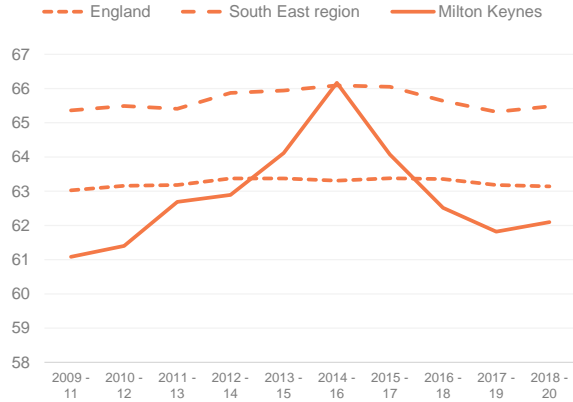
Female life expectancy differs widely across Milton Keynes, with a range of 8.1 years, with the lowest in Woughton & Fishermead ward at 78.4 years and highest in Olney ward with 86.5 years, two of the most and least deprived areas within Milton Keynes.

Female Life Expectancy by Ward

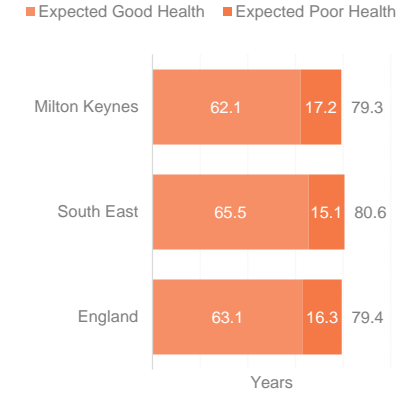




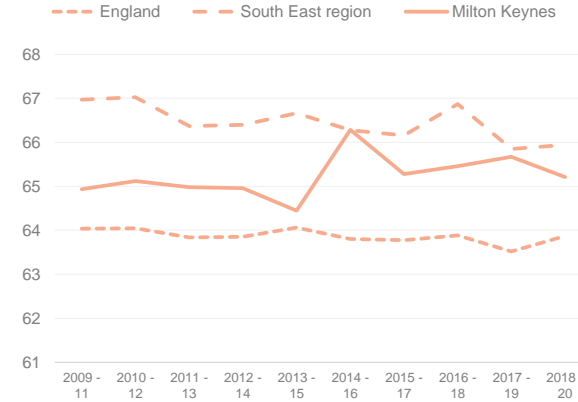
Male Healthy Life Expectancy (at birth)



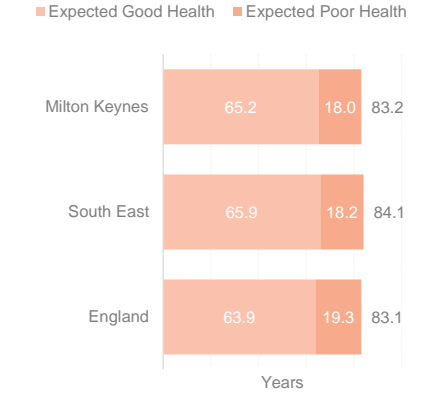
Years of Poor Health Comparison



Female Healthy Life Expectancy (at birth)



Years of Poor Health Comparison



Key Points

Male Healthy Life Expectancy

Healthy life expectancy for males has increased to 62.1 years, compared to 63.1 for England as a whole. It remains that, on average, a male in Milton Keynes can expect to live 17.2 years of their lives in poor health.

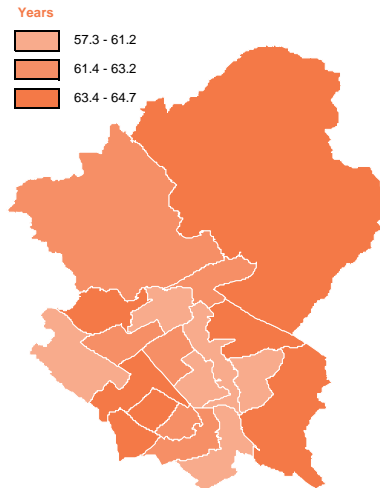
Sixth Lowest within the South East region

Milton Keynes males have the sixth lowest healthy life expectancy of the South East region and they can expect to live 1.0 fewer years in good health compared to England.

Geographical Inequality

Male healthy life expectancy differs widely across Milton Keynes, with a range of 7.4 years, with the lowest in Woughton & Fishermead ward at 57.3 years and highest in Olney ward with 64.7 years, two of the most and least deprived areas within Milton Keynes.

Male Healthy Life Expectancy



Key Points

Female Healthy Life Expectancy

Healthy life expectancy for females in Milton Keynes is 65.2 years, compared to 63.9 for England as a whole. It means that woman can expect to live 18.0 years in poor health.

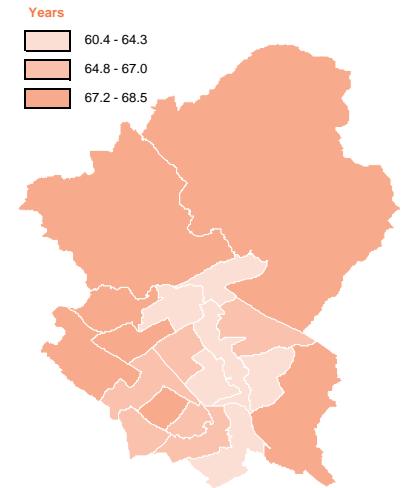
Neither Highest Or Lowest within the South East region

Milton Keynes females have the neither highest or lowest healthy life expectancy of the South East region and they can expect to live 1.3 greater years in good health compared to England.

Geographical Inequality

Female healthy life expectancy differs widely across Milton Keynes, with a range of 8.1 years, with the lowest in Woughton & Fishermead ward at 60.4 years and highest in Olney ward with 68.5 years, two of the most and least deprived areas within Milton Keynes.

Female Healthy Life Expectancy

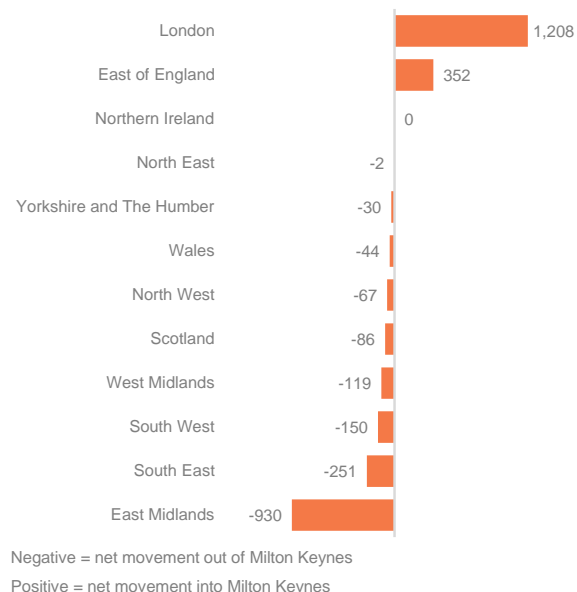


Internal Net Migration Estimates (persons)

Milton Keynes Net Moves by Age

Ages	2018	2019	2020
00-04	137	109	222
05-09	-38	48	35
10-14	-84	-105	-15
15-19	-1,098	-1,036	-1,178
20-24	666	643	605
25-29	23	58	377
30-34	123	155	182
35-39	20	59	156
40-44	-75	-97	37
45-49	-144	-185	-34
50-54	-159	-119	-117
55-59	-198	-189	-124
60-64	-123	-170	-184
65-69	-50	-111	-133
70-74	-8	-35	-42
75-79	2	19	12
80-84	32	39	14
85-89	48	65	20
90+	43	54	44

Regional Net Moves into and out of Milton Keynes

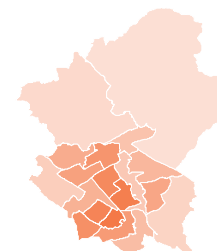
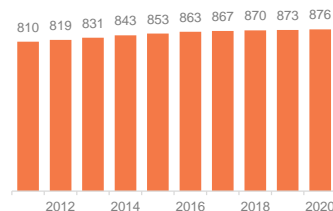


Key Points

Where, and at what time of life, people move in / out of Milton Keynes

The chart above highlights the key ages at which movement into or out of Milton Keynes occurs, showing population counts. The peak age is late teens (15-19), linked to university and work. 20-24s and young families had the highest numbers of inward migration: returning from study, due to employment or the access to affordable housing. As people age beyond their 40s there is a slight net flow out of Milton Keynes

Population Density Estimates (people per square km)



Population Density by Age & Ward (people per square km)

Ward Name	0-15	16-29	30-44	45-59	60-74	75+	Total
Bletchley West	1,041	631	904	918	824	443	4,761
Woughton & Fishermead	999	617	872	704	433	130	3,755
Shenley Brook End	837	542	799	924	419	117	3,638
Central Milton Keynes	658	649	964	581	334	98	3,284
Tattenhoe	772	422	709	637	162	54	2,757
Stantonbury	624	376	579	494	409	152	2,634
Bletchley Park	560	343	517	477	401	265	2,562
Bradwell	515	317	489	431	373	144	2,270
Monkston	525	359	523	476	215	62	2,160
Wolverton	517	330	520	384	245	105	2,101
Loughton & Shenley	482	318	505	413	242	104	2,064
Broughton	598	301	624	318	139	63	2,042
Bletchley East	520	287	428	326	235	119	1,914
Newport Pagnell South	368	231	367	394	369	163	1,891
Campbell Park & Old Woughton	330	277	412	363	348	118	1,848
Stony Stratford	220	121	200	170	144	76	930
Danesborough & Walton	121	79	118	137	85	35	576
Newport Pagnell North & Hanslope	38	22	37	41	40	22	199
Olney	17	9	13	21	19	11	91

Total	203	128	200	173	119	52	876
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Dark Orange = above Milton Keynes, Grey = similar, Light Orange = below Milton Keynes

Key Points

Ward Density

Bletchley West ward is the most densely populated ward with 4,761 persons per square kilometre, and Olney ward the least densely populated area with 91 persons per square kilometre.

Milton Keynes is classed as an 'Urban Settlements' area (2011 Census Area classification).

Milton Keynes averages 876 people per square kilometre, above the England average of 434 persons per square kilometre.

Clustered Children

Bletchley West ward is the most densely populated with 1,041 children per square kilometre, followed by Woughton & Fishermead ward (999), Shenley Brook End ward (837) and Tattenhoe ward (772).

This highlights the geographic disparity across Milton Keynes. For instance Bletchley West ward at 1,041, is 61 times more densely populated with children than Olney ward with 17 per square kilometre.

What inequalities can density entail?

It can mean increased demand and competition for services, such as school placements, reduced access to greenspaces and public facilities, greater exposure to crime and risk from socially transmitted pathogens (such as COVID-19). These are more likely to be in densely populated urban areas that have better access to services than the lesser populated areas.

Data Sources

Population

Office for National Statistics Mid-Year Population estimates: ONS Mid Year Estimate (2020)
<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates>
The Census 2021 is due to be released shortly and that its data will be included in future versions as it is published nationally

Ethnicity

NOMIS - official census and labour market statistics: Census (2011)
<https://www.nomisweb.co.uk/sources/census>
The Census 2021 is due to be released shortly and that its data will be included in future versions as it is published nationally

Life Expectancy

Office for Health Improvement & Disparities: Fingertips - Public health data
<https://fingertips.phe.org.uk/profile/health-profiles>
<https://fingertips.phe.org.uk/profile/local-health>

Healthy Life Expectancy

Office for Health Improvement & Disparities: Fingertips - Public health data
<https://fingertips.phe.org.uk/profile/health-profiles>
<https://fingertips.phe.org.uk/profile/local-health>

Internal Migration

Office for National Statistics Internal Migration of Moves by Local Authority and Region
<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/migrationwithintheuk/datasets/matricesofinternalmigrationmovesbetweenlocalauthoritiesandregionsincludingthecountriesofwalesscotlandandnorthernireland>
<https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/migrationwithintheuk/datasets/internalmigrationmovesbylocalauthoritiesandregionsinenglandandwalesby5yearagegroupandsex>

Population Density

Office fo National Statistics - Standard Area Measurements (2020) combined with ONS population estimates (2020)
<https://geoportal.statistics.gov.uk/datasets/d6cc711f662940c59f1c7284448b52f6/about>

Contact

If you have any queries please feel free to contact us via email
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Maps

Several maps appear throughout this document, to which the following applies:

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