

Health Inequalities in Oadby and Wigston

Produced by the Health & Wellbeing department of Oadby and Wigston Borough Council with support from Leicestershire Public Health and Active Together.

Whilst every effort has been made to ensure the accuracy of the information contained within this report, Oadby and Wigston Borough Council cannot be held responsible for any errors or omission relating to the data contained within the report.

The Health Inequalities Annual Report is a report produced as part of the Oadby and Wigston Health and Wellbeing Board and the Oadby and Wigston Integrated Leadership Team, and presents a comprehensive analysis of health inequalities in areas of Oadby and Wigston areas across a range of indicators.

This document will be reviewed July 2023.

Census 2021 data has not been included.



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1.0 Demographics

The Borough is located to the southeast of the city of Leicester and comprises the three centres of Oadby, Wigston and South Wigston. The Borough has an area of around 9 square miles, of which approximately two thirds is urban.

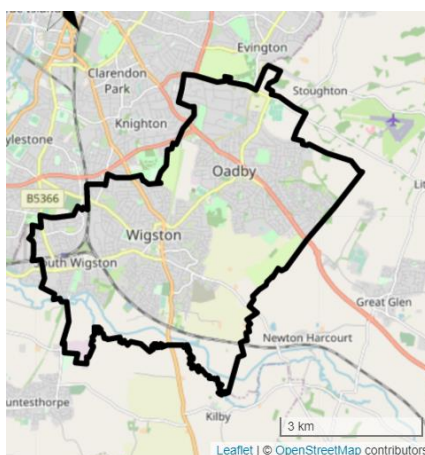


Figure 1. Local authority of Oadby and Wigston Borough

1.1 Age and gender

Table 1. Population estimates in Oadby and Wigston

Gender	Female	Male	Total
	29,490	27,823	57,313

1.2 Ethnicity

Table 2. Ethnicity in Oadby and Wigston

Ethnicity	Oadby & Wigston	England average
White British	70.6%	79.8%
White-non-British	2.5%	5.7%
Asian	22.3%	7.8%
Black	1.2%	3.5%
Mixed	2.1%	2.3%
Other ethnic group	1.4%	1.0%

1.3 Religion

Table 3. Religion in Oadby and Wigston

Religion	Oadby & Wigston	England average
Christian	48.4%	59.4%
Hindu	9.1%	1.5%
Sikh	6.5%	0.8%
Muslim	5.8%	5.0%
Jewish	0.2%	0.5%
Buddhist	0.2%	0.5%
Other religion	0.5%	0.4%
No religion	23.2%	24.7%
Religion not stated	6.1%	7.2%

2.0 Economic Activity

Table 4. Economic Activity in Oadby & Wigston

	Oadby & Wigston	England
Economically Active	68.9%	69.9%
Economically Inactive	31.1%	30.1%
No qualifications	22.6%	22.5%
Level 1 qualifications	13.3%	13.3%
Level 2 qualifications	15.1%	15.2%
Level 3 qualifications	14.7%	12.4%
Level 4 qualifications and above	24.8%	27.4%
Apprenticeship	4.3%	3.6%
Retired	15.0%	13.7%
Student (including full-time students)	8.7%	5.8%
Looking after home or family	2.7%	4.4%
Long-term sick or disabled	1.5%	4.0%

Significantly higher than England	
Not significantly different to England	
Significantly lower than England	

3.0 Occupation

Most common industry worked in is wholesale and retail trade; repair of motor vehicles and motorcycles (19.1%), human health and social work activities (13.2%) and education (12.6%).

The most common occupations are lower managerial, administrative and professional occupations at 19.5%, Intermediate occupations 14.8%, and semi-routine occupations 13.1%. The least common occupations are having never worked and long-term unemployed 3.7%, Lower supervisory and technical occupations 6.7% and small employers and own account workers 8.6%.

4.0 Deprivation

Oadby and Wigston ranks 249 out of 317 on the Index of Multiple Deprivation (IMD) 2019 local authority rank.

Oadby has less areas categorised as the most deprived areas nationally in comparison to Wigston. Wigston has five Lower layer Super Output Areas (LSOAs) that are in the 30% most deprived areas nationally.

Wigston Fields Ward is ranked 6,709 in the UK, making it the most deprived area in the Borough, whilst Wigston St Wolstans is the least deprived at 31,582 in the UK.

South Wigston (22.3) on average, has the highest deprivation score in Oadby and Wigston (13.0) and is higher than Leicestershire (12.3) and England (21.7).

Oadby and Wigston separately, and as a district, are both significantly better than England for income deprivation, child poverty and older people in deprivation domains.

South Wigston is significantly worse than England in the child poverty domain and is not significantly different for income deprivation.

Table 5. Average Overall Deprivation Score in Oadby, Wigston and South Wigston

Indicator	Oadby	Wigston	South Wigston	Oadby & Wigston	England
Income deprivation (2019)	6.7	10.0	13.2	8.6	12.9
Child poverty (2019)	7.6	14.9	20.9	11.8	17.1
Older people in deprivation (2019)	11.0	10.5	11.7	10.7	14.2

Significantly higher than England	
Not significantly different to England	
Significantly lower than England	

5.0 Life expectancy at birth

The trends for life expectancy in Oadby and Wigston for males and females, show that life expectancy at birth for males in 2018-20 (79.5) is similar to the national average (79.4), while for females in 2018-20 (84.6), it is significantly better than the national average (83.1).

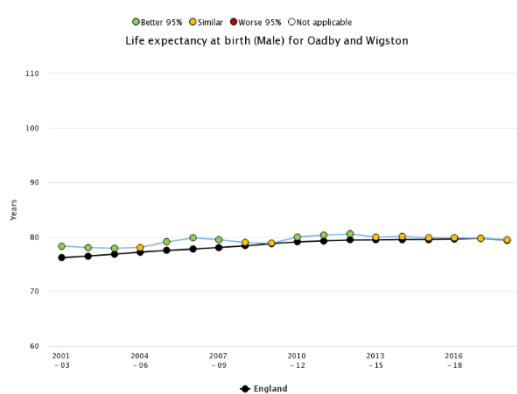


Figure 2. Life expectancy at birth (male) for Oadby and Wigston

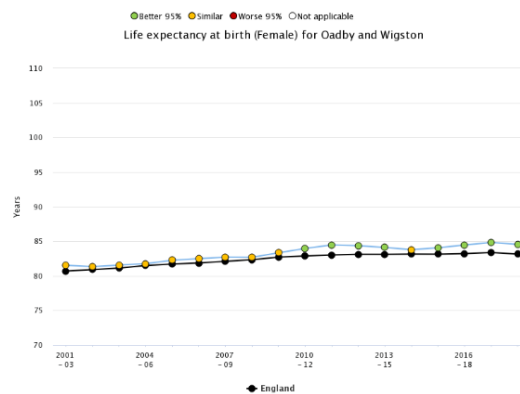


Figure 3. Life expectancy at birth (female) for Oadby and Wigston

The inequality of life expectancy considers the range in years of life expectancy across differences of deprivation (from most to least deprived areas).

For males, Oadby and Wigston has the 129th largest inequality of life expectancy at birth in England out of 306 Lower tier local authorities. In females, the inequality is better at 164th largest inequality in England out of 306 Lower tier local authorities.

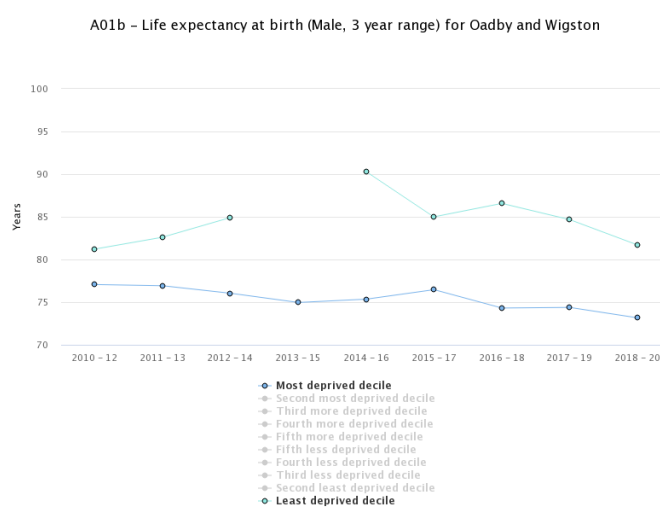


Figure 4. Life expectancy at birth (male) for Oadby and Wigston

Life expectancy in males in the least deprived decile has decreased from 84.7 years in 2017-19 to 81.7 years in 2018-20.

In the same time period in the most deprived decile, life expectancy at birth in males has decreased from 74.4 years to 73.2 years

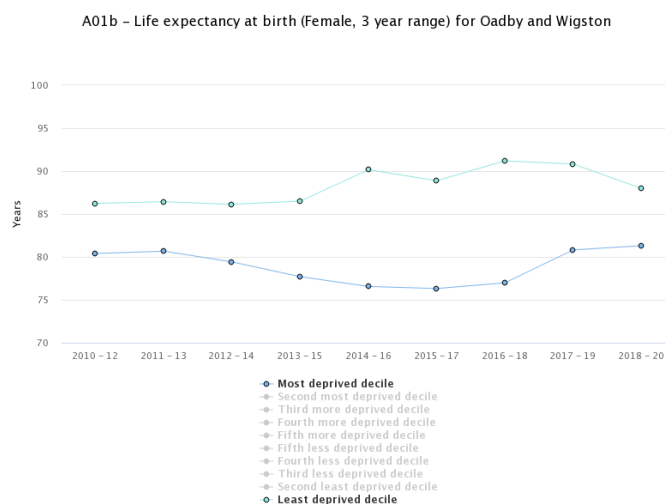


Figure 5. Life expectancy at birth (female) for Oadby and Wigston

In females, life expectancy in the least deprived decile has decreased from 90.8 years in 2017-19 to 88.0 years in 2018-20

In the same time period in the most deprived decile, life expectancy at birth in females has increased from 80.8 years to 81.3 years.

The gap in inequality in life expectancy at birth in males between most and least deprived decile is 8.5 years. For females, it is 6.7 years.

6.0 Emergency Hospital admissions

Oadby compares better than England for emergency hospital admissions for all causes and Chronic Obstructive Pulmonary Disease (COPD). However, compares worse than England for Myocardial Infarction (MI) admissions.

Wigston and South Wigston both compare worse for admissions for all causes and COPD than England, and are not significantly different to England for MI admissions. South Wigston is also significantly higher than England for stroke admissions.

Wigston compares better than South Wigston and Oadby and Coronary Heart Disease (CHD).

Table 6. Emergency Hospital Admissions in Oadby, Wigston and South Wigston

Indicator	Time Period	Oadby	Wigston	South Wigston	England
Emergency hospital admissions for all causes	2015/16 to 2019/20	96.0	109.0	126.0	100
Emergency hospital admissions for CHD	2015/16 to 2019/20	102.3	82.4	116.1	100
Emergency hospital admissions for stroke	2015/16 to 2019/20	95.7	109.2	134.8	100
Emergency hospital admissions for MI	2015/16 to 2019/20	119.7	95.4	127.0	100
Emergency hospital admissions for COPD	2015/16 to 2019/20	72.0	135.2	222.4	100

Significantly higher than England	
Not significantly different to England	
Significantly lower than England	

7.0 Mortality (all ages)

Oadby compares significantly better than England for all causes, all cancer, all circulatory disease, respiratory diseases, and causes considered preventable. Wigston is significantly better than in England for respiratory diseases. South Wigston is significantly worse than England for all causes and causes considered preventable. CHD and Stroke were not significantly different for Oadby, Wigston and South Wigston.

Table 7. Mortality, all ages, in Oadby, Wigston and South Wigston

Indicator	Time Period	Oadby	Wigston	South Wigston	England
All causes	2015 to 2019	83.7	97.6	112.1	100
All cancer	2015 to 2019	76.6	99.4	114.1	100
All circulatory disease	2015 to 2019	80.9	94.3	104.4	100
CHD	2015 to 2019	83.9	95.3	106.9	100
Stroke	2015 to 2019	79.4	84.8	83.6	100
Respiratory diseases	2015 to 2019	77.6	85.0	109.6	100
Causes considered preventable	2015 to 2019	65.9	104.7	161.6	100

Significantly higher than England	
Not significantly different to England	
Significantly lower than England	

7.1 Premature Mortality (less than 75 years)

Oadby is significant better (lower) than England for all causes, all cancer and circulatory disease mortality for those under 75 in 2015-2019. Wigston is not significantly different for all indicators, and South Wigston is significantly worse (higher) for all indicators.

8.0 Child Health

The Under 18s conception rate per 1000 is better in Oadby & Wigston than the Leicestershire and England rate.

Breastfeeding initiation in Oadby and Wigston is significantly worse than Leicestershire and England.

Table 8. Child Health in Oadby & Wigston

Indicator	Time Period	Oadby & Wigston	Leicestershire	England
Under 18s conception rate / 1000	2019	8.5	15.4	15.7
Smoking Status at time of delivery	2020/21	8.8	12.6	9.6
Breastfeeding initiation	2016/17	69.3	69.7	74.5
Infant mortality rate	2018-20	2.6	4.2	3.9
Year 6: Prevalence of obesity (including severe obesity)	2019/20	17.9	20.8	21.0

Significantly higher than England	
Not significantly different to England	
Significantly lower than England	

9.0 Schools

There are 14 primary schools, 4 secondary schools, and 1 special school in Oadby & Wigston.

There are 3 establishments that provide post 16 Education in the Borough: Oadby Beauchamp College, Wigston College and North Warwickshire and South Leicestershire College.

10.0 Teenage Pregnancy

In 2017-19, the rate of teenage pregnancy in South Wigston was significantly higher than the Leicestershire average but performed similarly to the national rate. Oadby North & East performed significantly lower than both the Leicestershire and National average for this time period.

11.0 Limiting long-term illness

The percentage of people with a limiting long-term illness in Oadby and Wigston in 2011 is 17.3%, this is better (lower) than England (17.6%). Oadby and Wigston district also has a lower proportion of people of working age (aged 16-64) with a limiting long-term illness (10.6%) than England (12.7%).

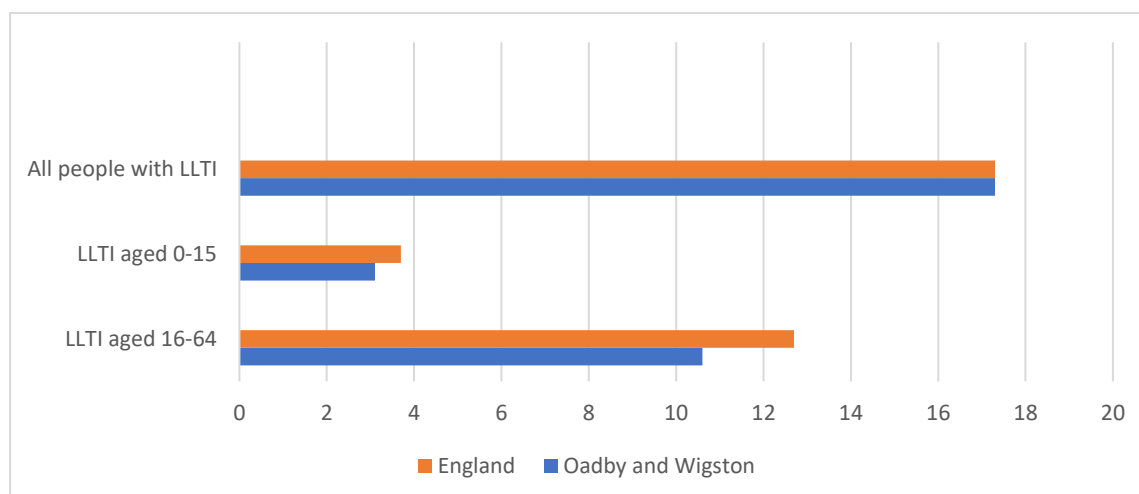


Figure 6. People with Limiting Long Term Illness in Oadby and Wigston

12.0 Behavioural risk factors

Table 9. Behavioural Risk Factors in Oadby and Wigston

	Oadby and Wigston	England
Adults eating 5 portions of fruit or veg on a usual day 2019/20	57.3%	55.4%
Hospital admission rate for alcohol-related conditions (per 100,000 population) 2018/19	649	664
Smoking Prevalence in adults 2019	10.0%	13.9%
Physically active adults 2019/20	58.6%	66.4%
Adults classified as overweight or obese 2019/20	56.4%	62.8%
New STI diagnoses rate (excl. chlamydia aged <25) (per 100,000)	416	619

Significantly higher than England	
Not significantly different to England	
Significantly lower than England	

13.0 Disease Prevalence

Out of 21 diseases stated on Quality and Outcomes Framework, 11 are worse in Oadby & Wigston than England, 9 are better, and 1 is not significantly different.

The Cardiovascular diseases that are higher than England average are Atrial Fibrillation, Heart Failure, Hypertension, Stroke, and Transient Ischaemic Attack. CHD and Peripheral Arterial Disease are lower than England average.

Clinical diseases are better than England Average.

High Dependency including cancer and palliative care are higher than the England average. Diabetes Mellitus (17+) is lower than England average, and Chronic Kidney Disease is not significantly different.

Mental Health & Neurology diseases including Dementia and Depression are higher than the England average. Epilepsy, learning disabilities, and other mental health are all lower than the England average.

Musculoskeletal diseases are higher (worse) than England average.

Respiratory diseases such as Asthma is worse than England, but COPD is lower than England average.

14.0 Access to Health Assets and Hazards (AHAH)

The AHAH Health Services domain (CDRC 2017) in Oadby and Wigston (13.2) is a better health related environment than England (20.1).

In mean distance in kilometres of retail environments and health services in Oadby and Wigston, 10 domains are compared to England.

In England, the mean distance in kilometres to retail environments is greater than Oadby and Wigston, including tobacconists, off licenses, pubs/bars/nightclubs, fast food, and gambling outlets.

The distance to health services is less in Oadby and Wigston than England. The health services included are leisure centres, pharmacies, dentists, A&E hospitals, and GP surgeries.

15.0 References

Figure 1: Local authority displayed with full resolution clipped boundary:

[OpenStreetMap](#) contributors, [CC-BY-SA](#), [Nomis](#) <https://www.openstreetmap.org/copyright>

Age & gender: Annual Population Estimates Office for National Statistics 2020

Ethnicity in Oadby & Wigston: Census 2011

Religion in Oadby and Wigston: Source Census 2011

Economic Activity in Oadby & Wigston: Office for National Statistics Annual Population Survey 2021

Average Overall Deprivation Score in Oadby, Wigston and South Wigston: Average Overall Deprivation Score Indices of Multiple Deprivation Scores, 2019 & Indices of Deprivation: 2019 and 2015

Life expectancy at birth male and female for Oadby and Wigston: Public Health Outcomes Framework (PHOF), 2022

Emergency Hospital Admissions in Oadby, Wigston and South Wigston: Office for Health Improvement & Disparities (OHID), NHS Digital, 2021

Mortality, all ages, in Oadby, Wigston and South Wigston: Office for Health Improvement & Disparities (OHID), produced from ONS data, 2021

Child Health in Oadby & Wigston: PHE fingertips <https://fingertips.phe.org.uk/>

People with Limiting Long Term Illness in Oadby and Wigston: Census 2011

Behavioural Risk Factors in Oadby and Wigston: PHE fingertips <https://fingertips.phe.org.uk/>

Access to Health Assets and Hazards (AHAH): CDRC 2017

