

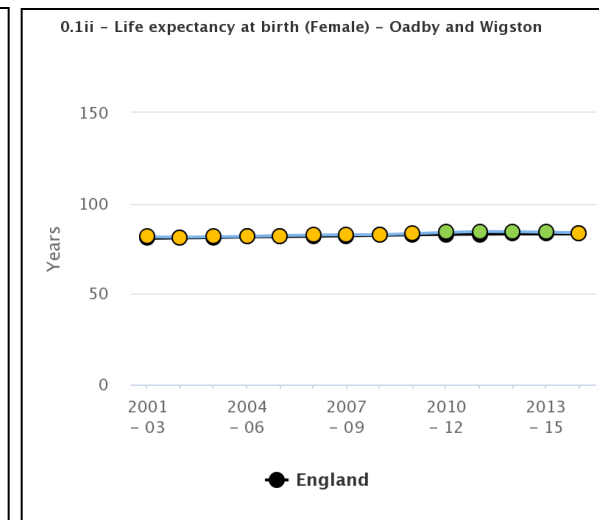
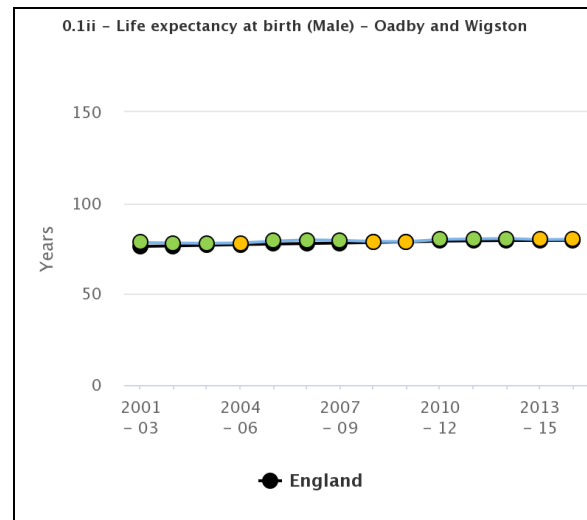
Inequality in Life Expectancy between Oadby & Wigston

Natalie Davison & Vivienne Robbins
Leicestershire County Council



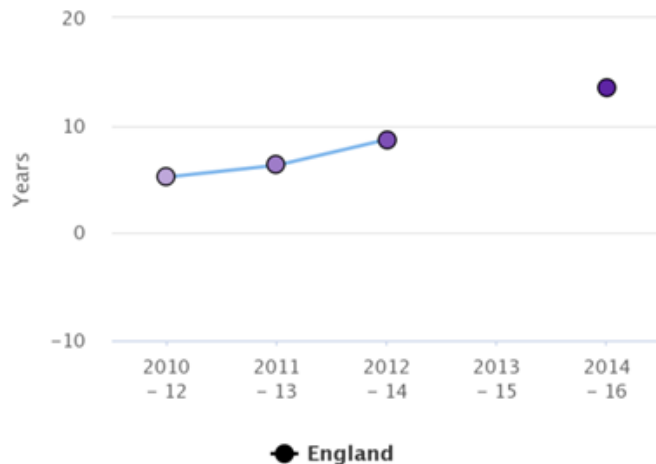
Introduction

- The inequality in life expectancy examines the range in years of life expectancy across the social gradient (from most to least deprived areas) within each local authority.
- The latest data for 2014-16, published as part of the Public Health Outcomes Framework shows that Oadby and Wigston has the 4th largest inequality in male life expectancy at birth in England, at 13.5 years.
- This is behind only Stockton-on-Tees (14.9 years), Kensington and Chelsea (13.8 years) and Blackpool (13.6 years).
- Latest data for life expectancy at birth for males (80.1) and females (83.8) performs similar to the national average (79.5, 83.1).
- Life expectancy in females has declined consecutively for the last three time periods.

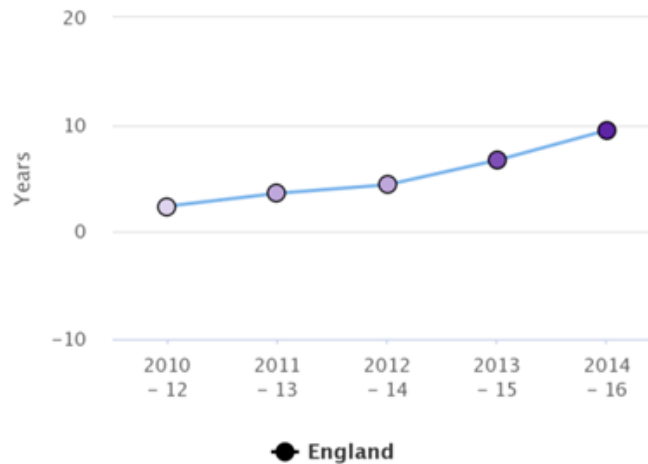


Trend in Inequality in LE

0.2iii - Inequality in life expectancy at birth LA (Male) - Oadby and Wigston



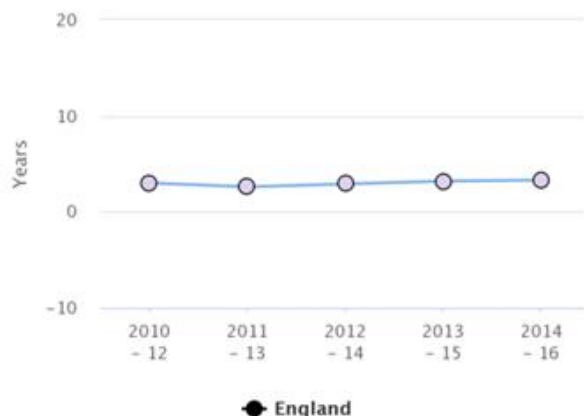
0.2iii - Inequality in life expectancy at birth LA (Female) - Oadby and Wigston



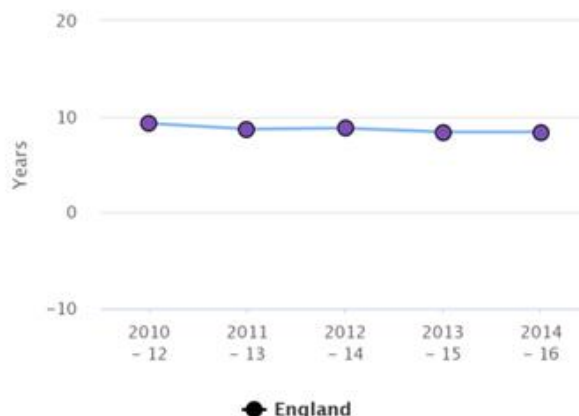
- Nationally, the inequality in life expectancy at birth (based on national deprivation deciles) was 9.3 years in males and 7.3 years in females in 2014-16.
- The national trend of inequality in life expectancy has been slowly increasing for both genders. In males, the inequality has increased from 9.1 years in 2010-12 to 9.0 years in 2011-13, 9.1 years in 2012-14 and 9.2 years in 2013-15. In females from 6.8 years in 2010-12 to 6.9 years in 2011-13, 6.9 years in 2012-14 and 7.1 years in 2013-15.
- At a county level, the inequality in life expectancy at birth (based on national deprivation deciles) lies at 6.2 years in males and 5.3 years in females.

Trend in Inequality in LE

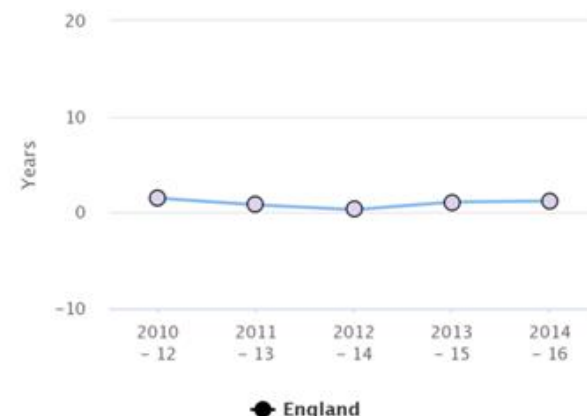
0.2iii - Inequality in life expectancy at birth LA (Male) - Blaby



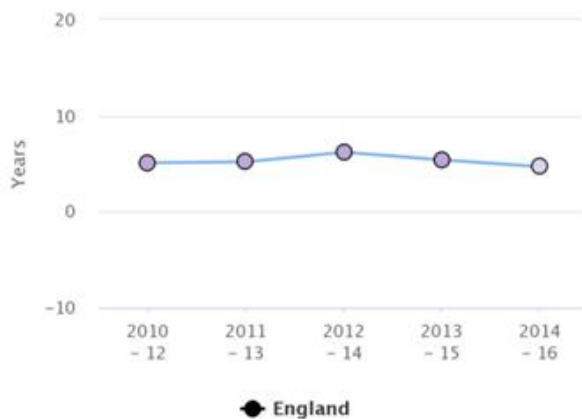
0.2iii - Inequality in life expectancy at birth LA (Male) - Charnwood



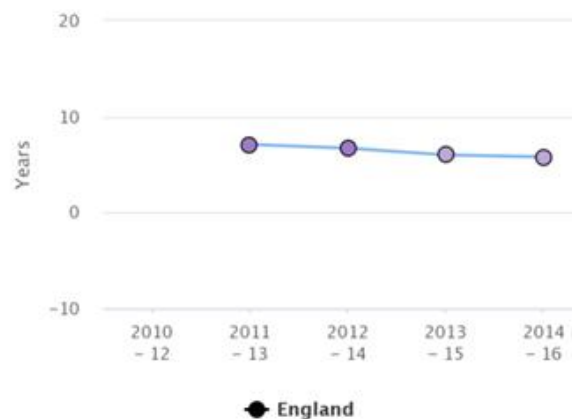
0.2iii - Inequality in life expectancy at birth LA (Male) - Harborough



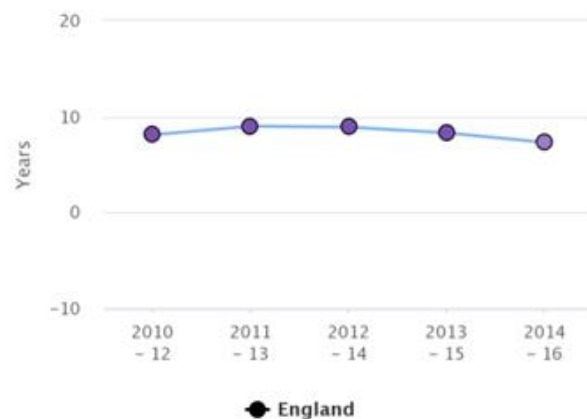
0.2iii - Inequality in life expectancy at birth LA (Male) - Hinckley and Bosworth



0.2iii - Inequality in life expectancy at birth LA (Male) - Melton

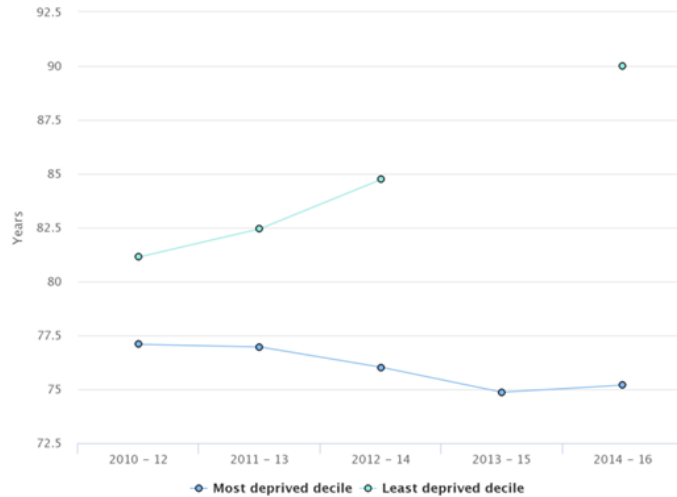


0.2iii - Inequality in life expectancy at birth LA (Male) - North West Leicestershire

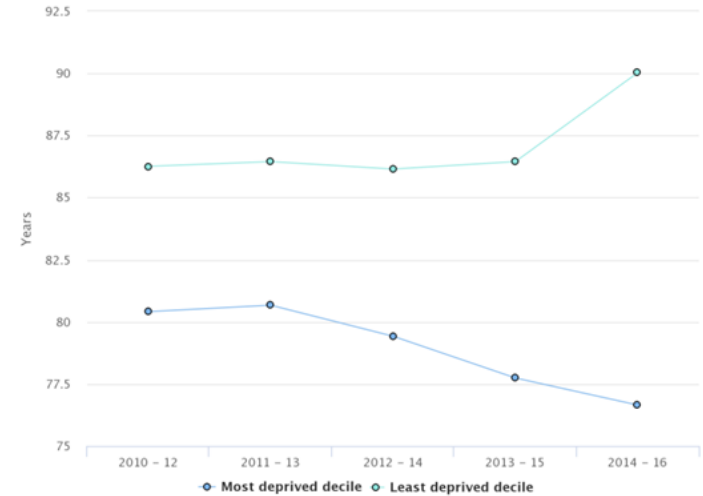


Where is the gap?

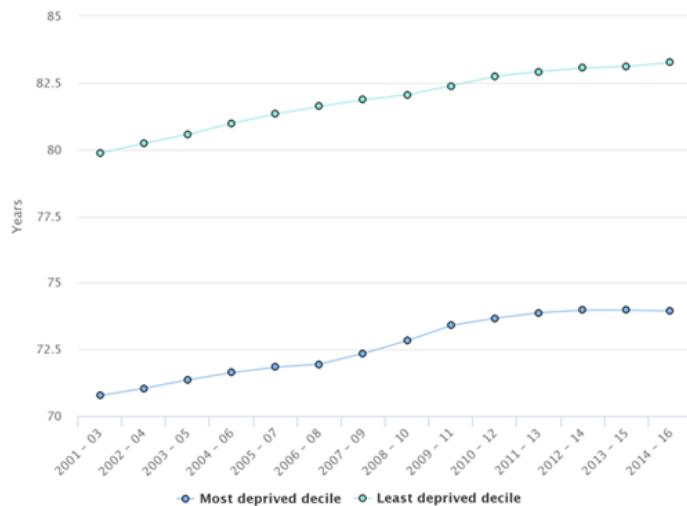
O&W - males



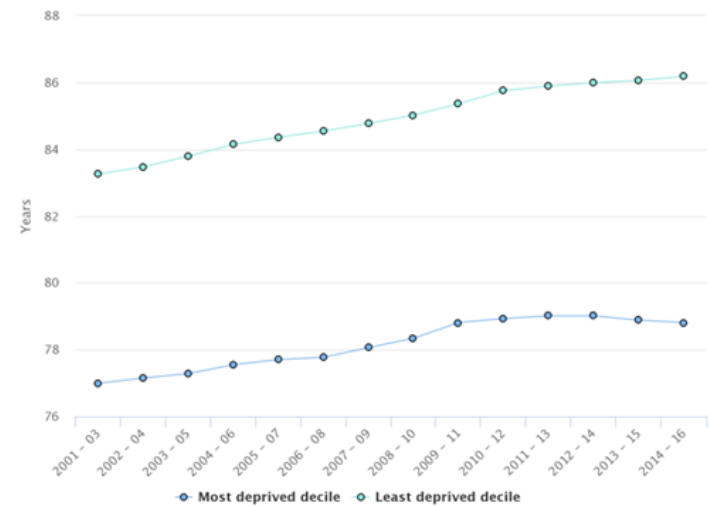
O&W - females



National – males

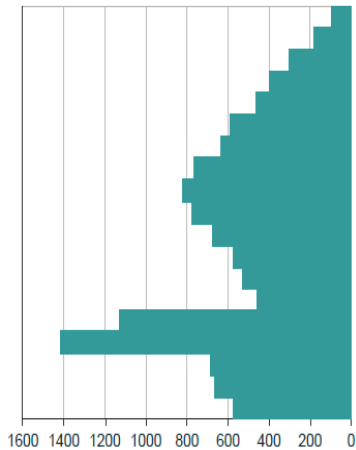


National - females

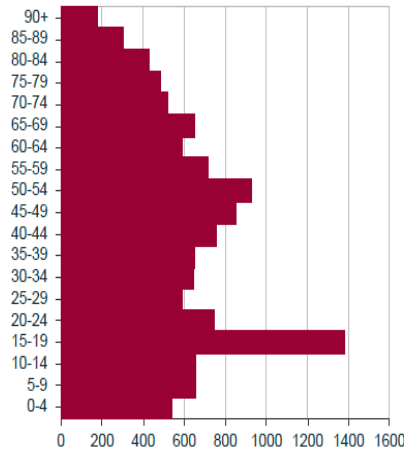


Population of O&W

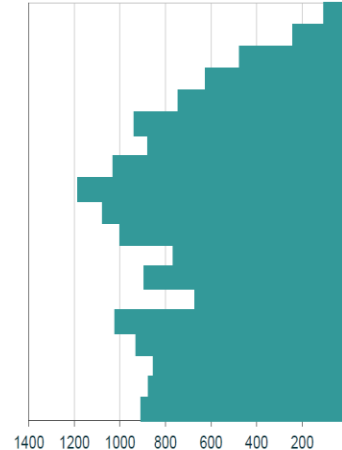
Oadby Male



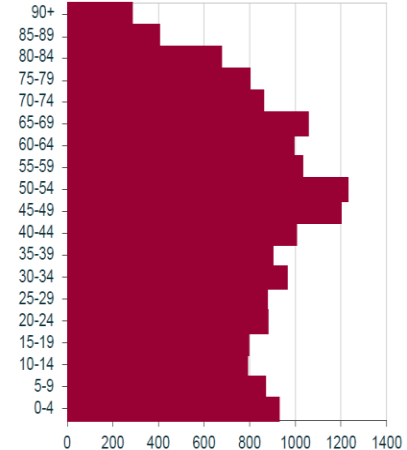
Oadby Female



Wigston Male



Wigston Female



- Wigston has an older population than Oadby and Leicestershire as a whole:
- In Wigston 22.7% of its residents are aged 65 years and over compared to 19.1% of the residents in Oadby. Wigston has a higher percentage of its population aged 65 and above compared to Leicestershire (19.8%) whereas Oadby has a lower percentage.
- When examining those aged 85 years and above both Oadby and Wigston have a higher percentage than the Leicestershire average (2.5%) at 3.1% and 3.3% respectively.

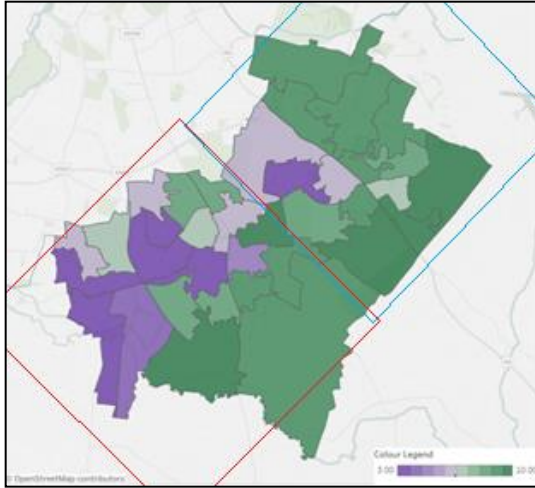
Ethnicity of O&W

	Oadby		Wigston		Leicestershire		England	
	Count	%	Count	%	Count	%	Count	%
BME population	11,324	47.5	3,835	11.9	55,722	8.6	7,731,314	14.6
Not 'White UK' ethnicity	11,953	50.1	4,583	14.2	72,057	11.1	10,733,220	20.2
Cannot speak English well or at all	588	2.5	235	0.8	4,426	0.7	843,845	1.7

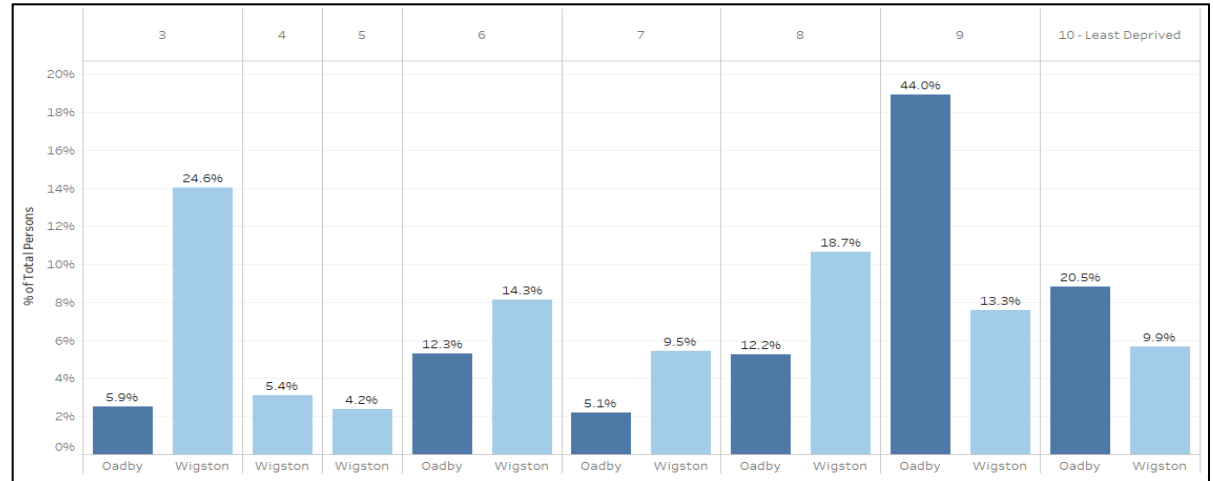
- In Oadby almost half (47.5%) of the population are from a Black and Minority (BME) ethnic group compared to 11.6% in Wigston. Both these percentages are higher than the county (8.6%) and national (14.6%) average.
- When examining the population whose ethnicity is not 'White UK,' 14.2% of all residents from Wigston fall into this category compared to over half in Oadby (50.1%).
- The proportion of the population who cannot speak English well or at all is higher in Oadby (2.5%) and Wigston (0.8%) compared to the Leicestershire average (0.7%).

Deprivation of O&W

(i) IMD 2015 National Deciles



(ii) Population by IMD 2015 National Decile in Oadby and Wigton



- Broadly speaking, the map shows Oadby has much fewer areas classified in the most deprived areas nationally compared to Wigton. There are six LSOAs in Oadby and Wigton that are in the 30% most deprived areas nationally, one of these LSOAs is in Oadby (Oadby Industrial Estate) whereas five are in Wigton.
- The graph shows almost two-thirds (64.5%) of the population in Oadby live in the most affluent 20% areas nationally compared to 23.3% of the population in Wigton.
- Almost a quarter (24.6%) of the population in Wigton live in the 30% most deprived areas nationally compared to just 5.9% of the population in Oadby.

- A practice in Wigston has the highest GP recorded smoking prevalence out of all practices in ELR CCG and is the only practice in the borough that has continued to perform significantly higher than the national average. All other GP practices have performed significantly lower than the national average.
- Wigston has similar levels of binge drinking and obesity compared to England. Oadby has lower levels of each health behaviour compared to England.
- The 2011 Census reported a higher percentage of the population were limited because of health or disability problems in Wigston (18.8%) compared to Oadby (15.3%).
- The percentage of patients with cancer, as recorded on each GP practice disease registers, has been increasing both nationally and locally. A surgery in Wigston has continued to have a significantly higher prevalence than the national average since 2009/10. All other practices in the borough have performed similar to the national prevalence over the last eight years.

Premature Mortality in O&W

- Premature mortality examines all deaths under the age of 75 years. Between 2011–2015 when examining the SMRs of premature deaths from all causes compared to the national average, Oadby performed significantly better (lower) than the national average whereas Wigston performed similar to the national average.
- In Wigston, almost half (46.2%) of all premature deaths were from cancer, a higher proportion compared to Oadby (40.9%), Leicestershire (44.0%) and England (41.3%).

	Oadby		Wigston		Leicestershire		England	
	Count	%	Count	%	Count	%	Count	%
All causes (U75)	220		491		8,642		752,670	
All cancer (U75)	90	40.9%	227	46.2%	3,801	44.0%	310,786	41.3%
All circulatory (U75)	50	22.7%	112	22.8%	1,940	22.4%	166,529	22.1%
CHD (U75)	33	15.0%	63	12.8%	1,080	12.5%	91,057	12.1%

Recommendations

- Commissioners and providers should be aware of the high level of inequality throughout the Oadby and Wigston district and raise awareness of the relative invisibility of this statistic to colleagues.
- Oadby and Wigston Health and Wellbeing Board and CCG to support the ongoing partnership work to increase the life expectancy of residents living in the most deprived quintile of the borough.
- LCC Public Health department to consider how uptake of key prevention services (including NHS health checks and the Stop Smoking Service) can be improved by residents of Wigston.
- To review the equity of access and resource to health services for Oadby and Wigston residents and ensure health budgets are aligned to these findings.
- Arrange a half day workshop in February/March 2019 for all wider health partners of Oadby & Wigston to attend. Feedback from all partners will be sought and a tangible action plan will be drafted from the findings of this event.