

Vision

Evidence base analysis

A summary of the key findings from our evidence base analysis is provided below. The more detailed evidence base can be found in the supporting baseline report.

- Total vehicle miles driven in Oxfordshire increased by 29 per cent between 1993 and 2019⁹. At the same time, average speeds on Oxfordshire's local A roads have decreased by 2 per cent since 2015¹⁰.
- In Oxfordshire, it was estimated that 3,578 years of healthy life were lost due to air pollution in 2017¹¹.
- Road transport is responsible for 33.3 per cent of greenhouse gas emissions in the county, making it the largest sector¹². Addressing vehicle usage is therefore critical to reducing emissions and improving air quality.
- Bus usage in the county has been declining since 2013/14¹³.
- Whilst Oxfordshire is in a good starting place with regards to current walking and cycling levels, more still needs to be done to encourage usage.
- Plans for 100,000 new homes in the county between 2011 and 2031 will increase pressure on the transport network. As a result, more radical solutions will be needed to transform transport in Oxfordshire.
- Obesity is below the national average, but levels have increased by over 4 per cent since 2015¹⁴. Encouraging active and healthy travel can help to address this.
- Oxfordshire has above average levels of physical activity but there is still a need to further improve this through measures to encourage active travel.
- Oxfordshire is the most rural county in the south east with 2.6 people per hectare compared with the regions average of 4.8 people per hectare.
- Freight movement has been increasing nationally. There has been a 23 per cent increase in the total amount of goods moved since 2009¹⁵.
- Oxfordshire has diverse demographics and so a broad consideration of different needs is required to ensure that Oxfordshire's transport system benefits all residents.
- The number of electric vehicles in Oxfordshire has grown by 138 per cent since 2016 and so provisions for these vehicles will be required¹⁷.

⁹ Department for Transport: Car vehicle traffic (vehicle miles) by local authority in Great Britain, annual from 1993

¹⁰ Department for Transport: Monthly and 12 month rolling average speeds on local 'A' roads in England

¹¹ Oxfordshire Health and Wellbeing Joint Strategic Needs Assessment 2020

¹² Scatter Cities

¹³ Department for Transport: Passenger journeys on local bus services by local authority: England, from 2009/10

¹⁴ Public Health England Profiles

¹⁵ Department for Transport: Domestic Road Freight Statistics, United Kingdom 2019

¹⁷ Department for Transport: Ultra low emission vehicles (ULEVs) licensed at the end of the quarter by upper and lower tier local authority

Question:

Have we identified the key evidence for Oxfordshire? (YES/ NO). What other evidence should we review as we develop the LTCP in more detail?