




CITY OF
Lincoln
COUNCIL

Together, let's deliver
Lincoln's ambitious future




**ENVIRONMENT
& CLIMATE
LINCOLN CITY PROFILE
2023-24**



ENVIRONMENT AND CLIMATE CHANGE KEY POINTS

- In 2022, the number of licensed vehicles in Lincoln was **46,500**
- Between 2021 and 2022, the number of LGVs decreased by **700**, HGVs by **400** and Buses/Coaches by **100**

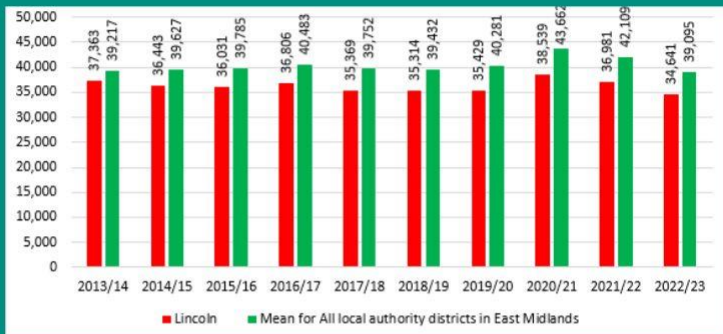
As of 2024, **71.62%** of households in Lincoln have access to a car or a van



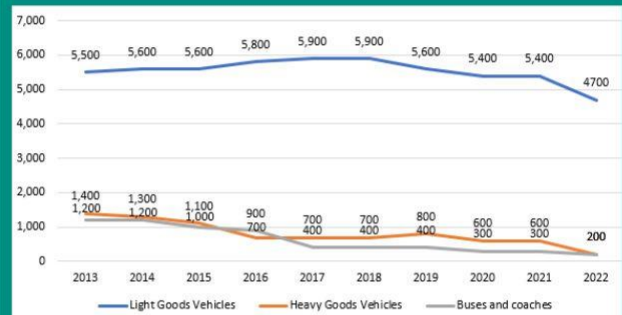
As of 2024, the most frequently used transportation to work is by **car or van**



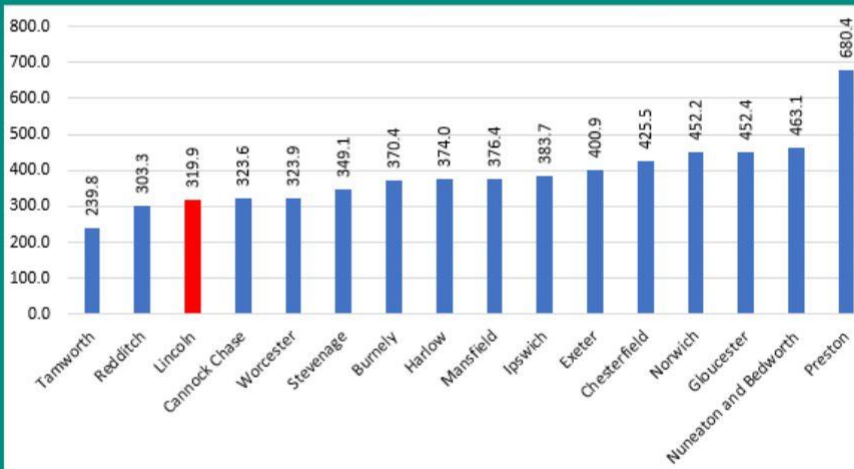
Total household waste in Lincoln vs mean for all local authority districts in East Midlands (in tonnes) **2022/23**



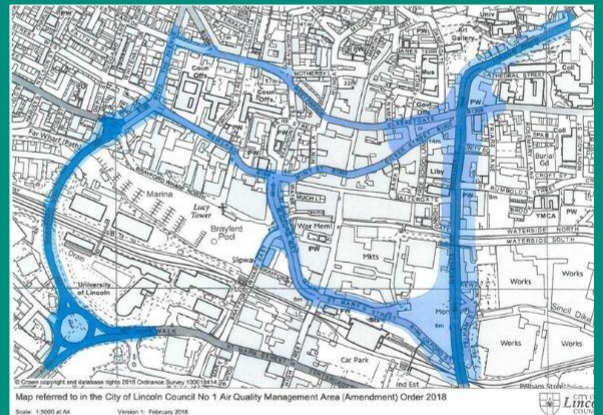
Licensed Light Good Vehicles, Heavy Good Vehicles and Buses/Coaches in Lincoln



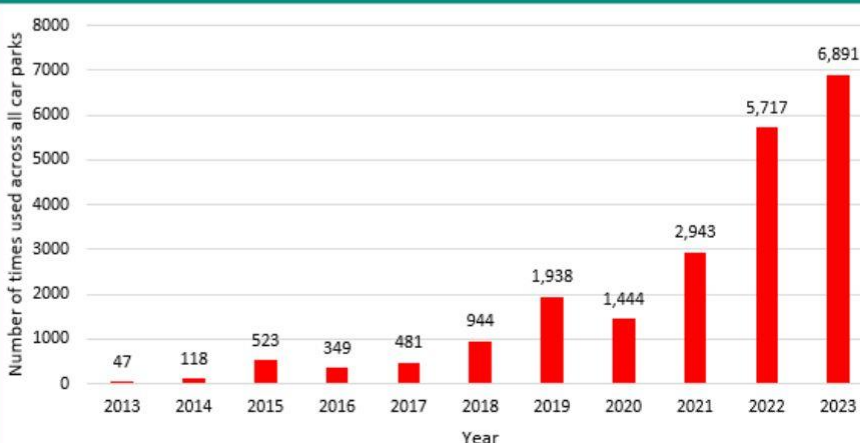
Lincoln had the **third lowest** estimated carbon dioxide emissions when compared to its neighbours



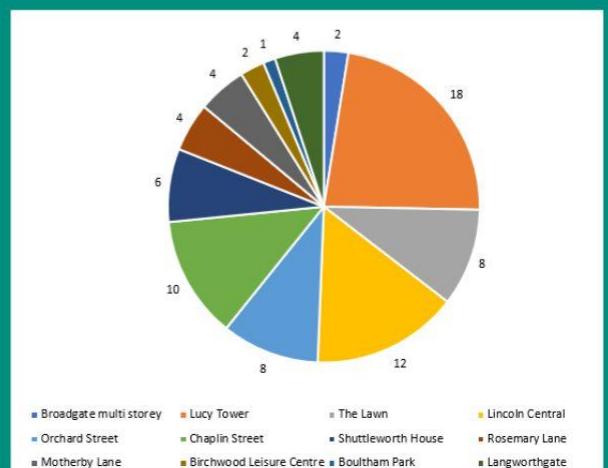
Air Quality Management Area (AQMA) for Lincoln in 2024



Electric vehicle charging points usage in City of Lincoln Council car parks **2023**



Electric vehicle charging points in City of Lincoln Council car parks



TOTAL HOUSEHOLD WASTE IN LINCOLN VS MEAN FOR ALL LOCAL AUTHORITY DISTRICTS IN EAST MIDLANDS (IN TONNES) 2022/23

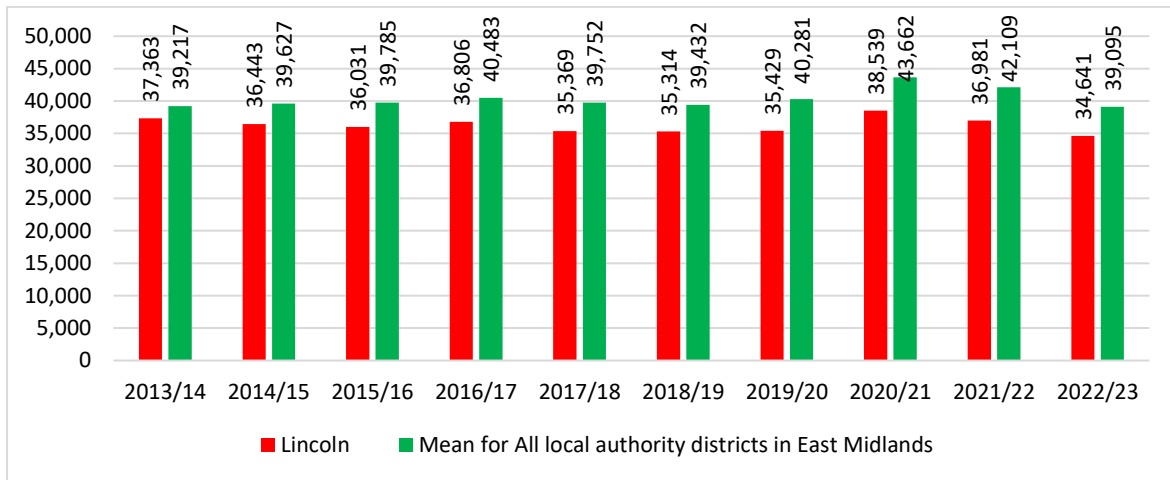


Figure 1

[Source - LG inform 2023](#)

Figure 1 shows a decrease in the total household waste collected in Lincoln, from 36,961 in 2021/22 to 34,641 in 2022/23. This latest figure continues to remain below the mean for all local authority districts in the East Midlands.

PERCENTAGE OF HOUSEHOLD WASTE SENT FOR DRY RECYCLING IN LINCOLN VS MEAN FOR ALL LOCAL AUTHORITY DISTRICTS IN EAST MIDLANDS 2022/23

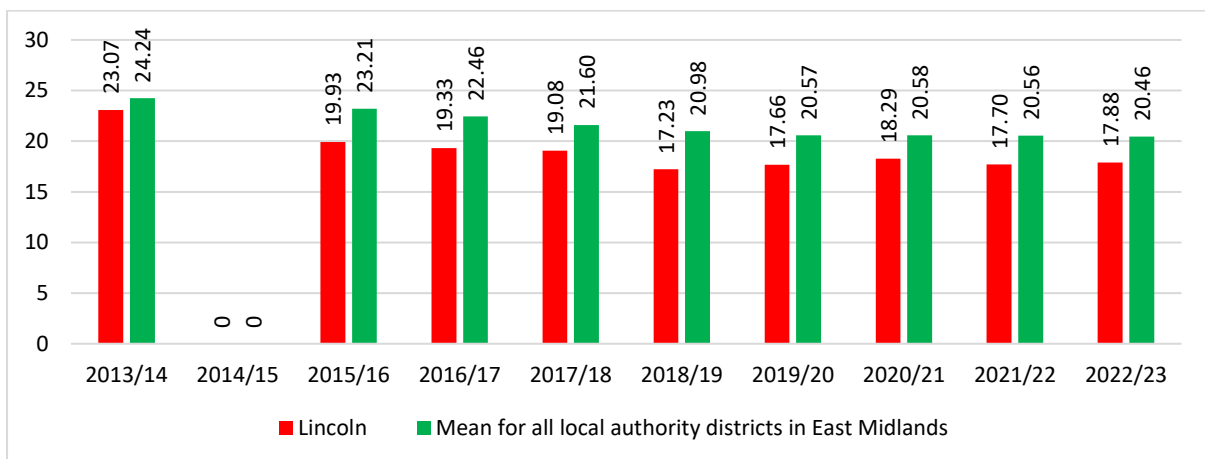


Figure 2

[Source - LG inform 2023](#)

Figure 2 shows the percentage of dry recycling having increased slightly in 2022/23, reporting at 17.88% compared to 17.70% in 2020/21.

Please note data is not provided in the above table for 2014/15. This is due to insufficient information having been available that year.

PERCENTAGE OF HOUSEHOLD WASTE SENT FOR DRY RECYCLING IN LINCOLN VS NEAREST NEIGHBOURS 2022/23

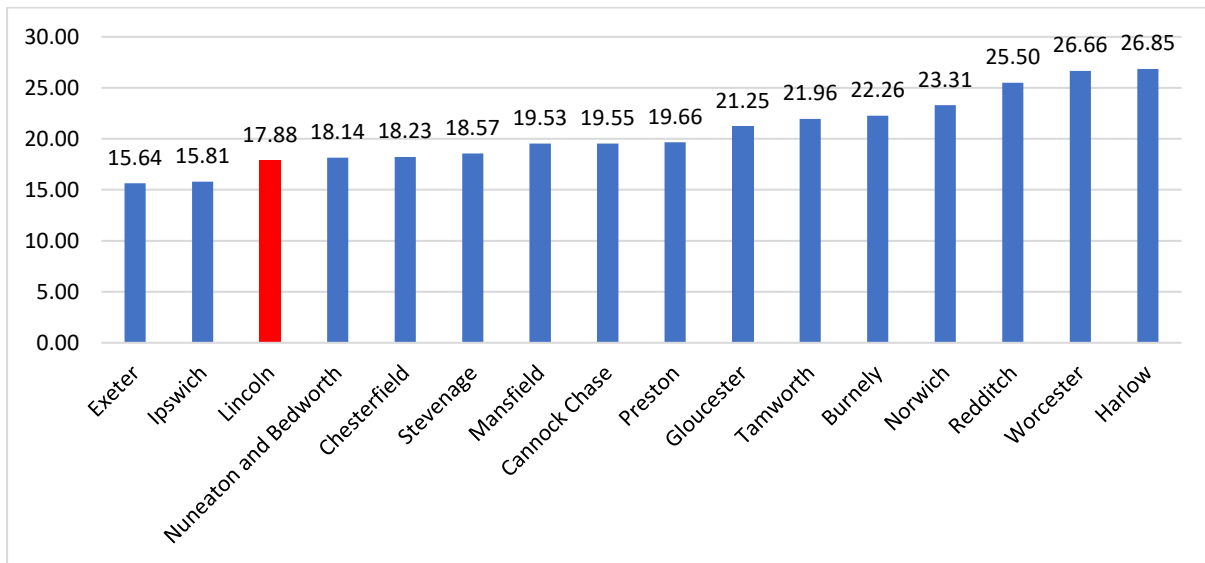


Figure 3

[Source - LG inform 2023](#)

Figure 3 shows that, in 2022/23, Lincoln had the third lowest rate for dry recycling when compared to its nearest neighbours (17.88%). In comparison, Harlow had the highest dry recycling rate, with a figure of 26.85%.

CO2 EMISSIONS ESTIMATES – TOTAL IN LINCOLN VS MEAN FOR ALL LOCAL AUTHORITY DISTRICTS IN EAST MIDLANDS IN KILOTONS 2021

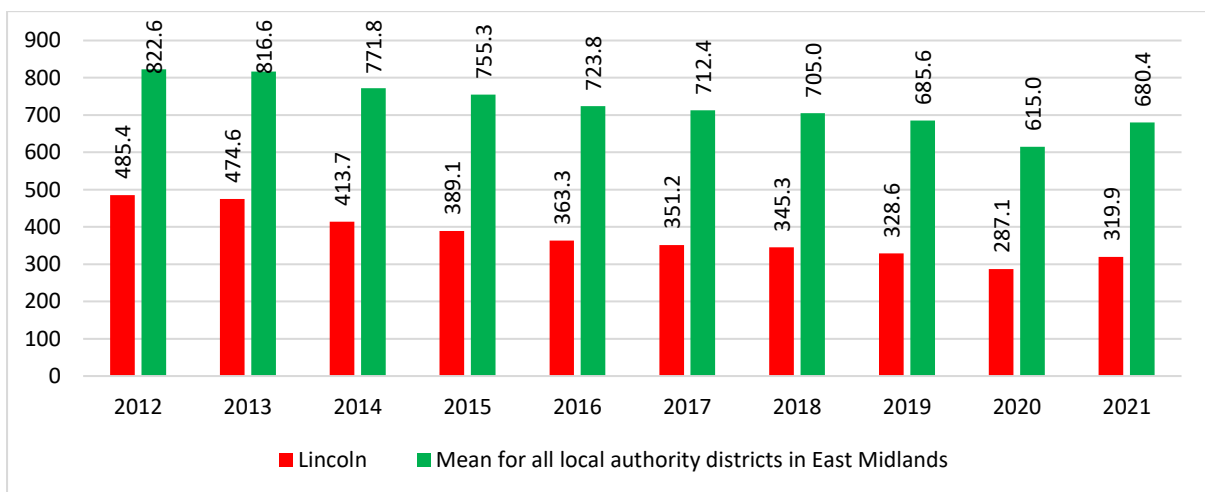


Figure 4

[Source – GOV.UK 2021](#)

Figure 4 shows Lincoln’s CO2 emissions compared to the mean for all local authority districts in East Midlands. Estimates for CO2 emissions have increased, following continued decreases in previous years, with 2021 seeing CO2 emissions rise from 287.1 kilotons in 2020 to 319.9 kilotons in 2021.

CO2 EMISSIONS ESTIMATES – TOTAL IN LINCOLN VS NEAREST NEIGHBOURS IN KILOTONS 2021

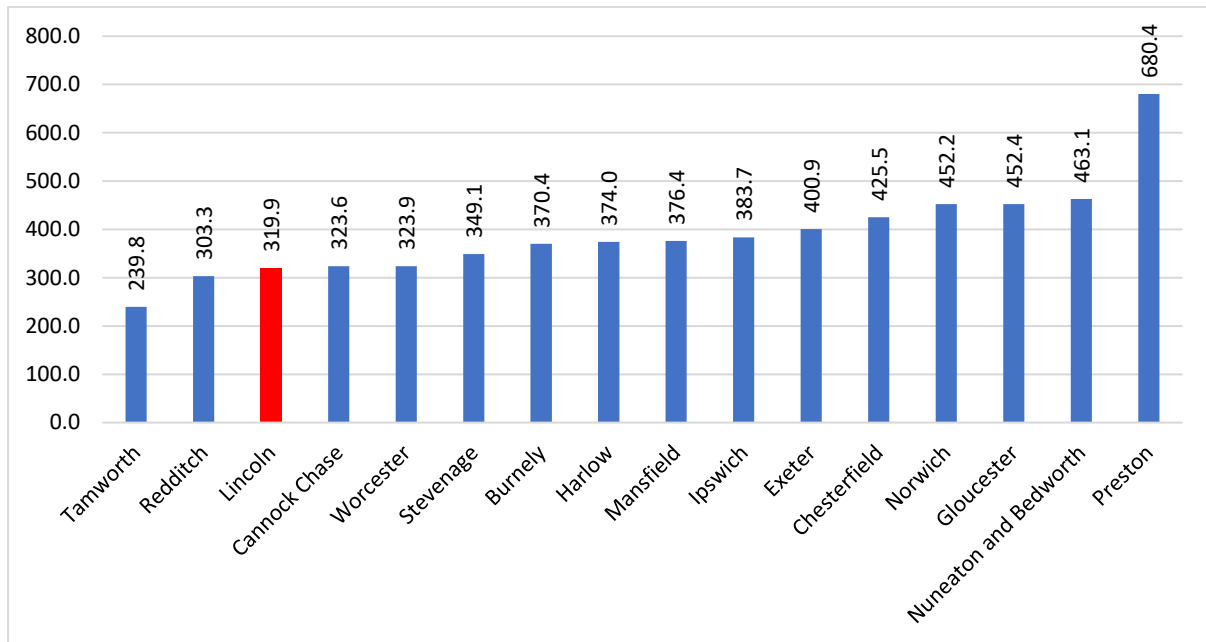


Figure 5

[Source – GOV.UK 2021](https://www.gov.uk)

Figure 5 shows that, in 2021, Lincoln had the 3rd lowest estimated CO2 emissions when compared to its nearest neighbours, with a figure of 319.9 kilotons. Tamworth had the lowest estimated CO2 emissions, at 239.8 kilotons.

TOTAL NUMBER OF LICENSED VEHICLES IN LINCOLN 2022

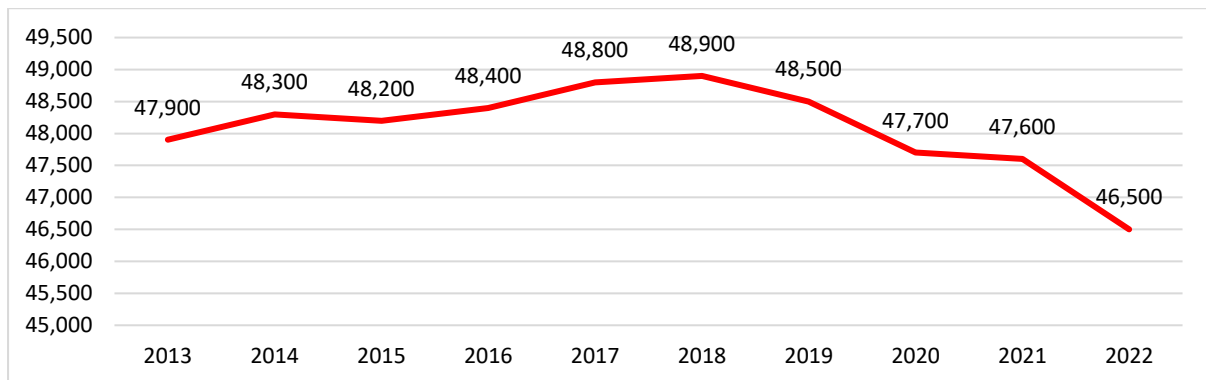


Figure 6

[Source - GOV.UK 2022](https://www.gov.uk)

Figure 6 shows a reduction in the total number of licensed vehicles in Lincoln, from 47,600 in 2021 to 46,500 in 2022.

TOTAL NUMBER OF LICENSED CARS IN LINCOLN 2022

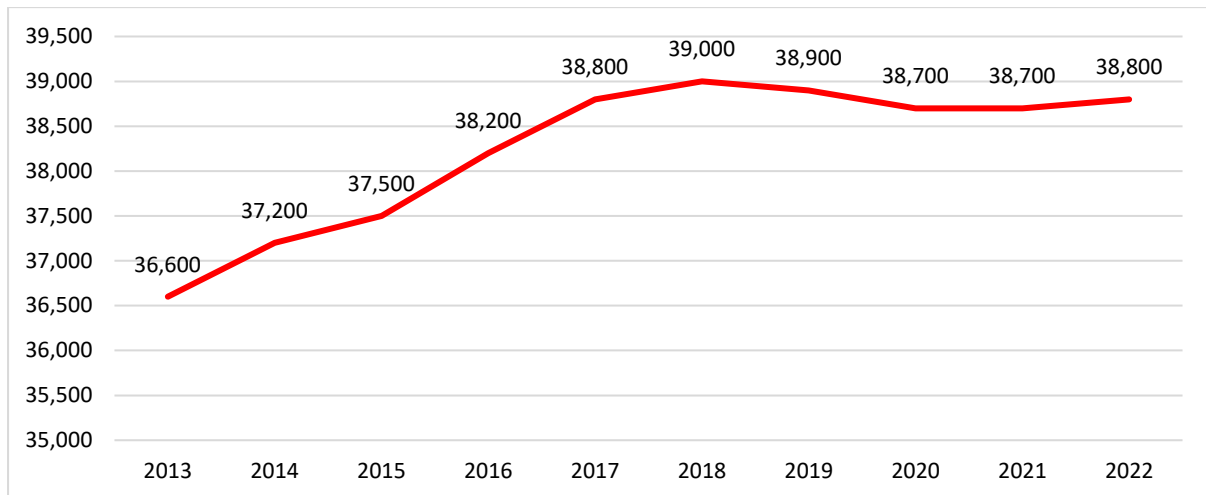


Figure 7

[Source - GOV.UK 2022](#)

Figure 7 shows the total number of licensed cars in the city increased between 2021 and 2022, at 38,800.

TOTAL NUMBER OF LICENSED MOTORCYCLES IN LINCOLN 2022

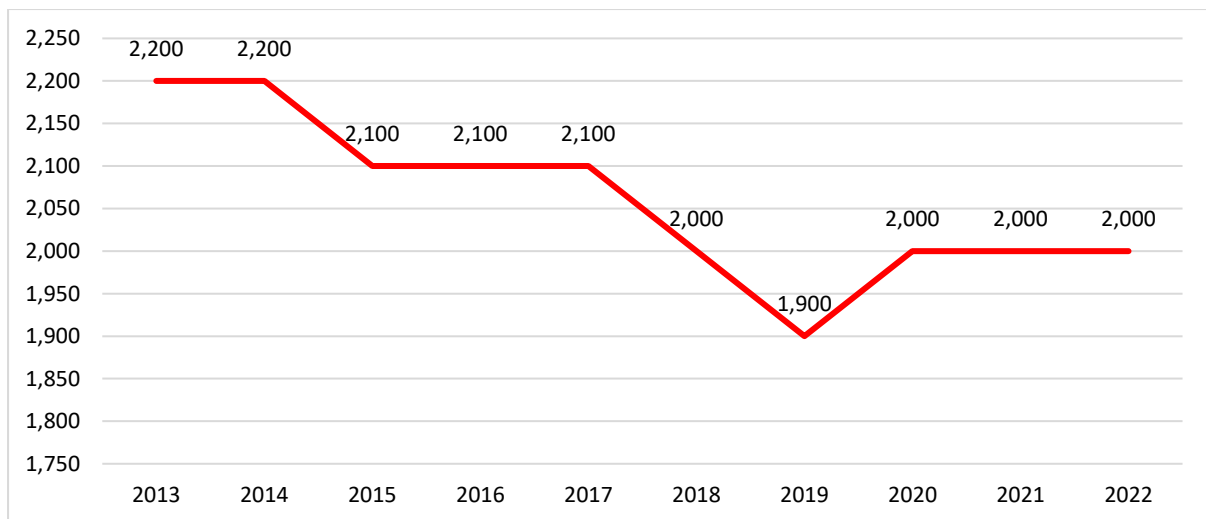


Figure 8

[Source - GOV.UK 2022](#)

Figure 8 shows the total number of licensed motorcycles having remained the same between 2020-2022, at 2,000. Since 2014 there has been an overall downward trend in the number of licensed motorcycles in the city.

TOTAL NUMBER OF LICENSED COMMERCIAL VEHICLES IN LINCOLN 2022

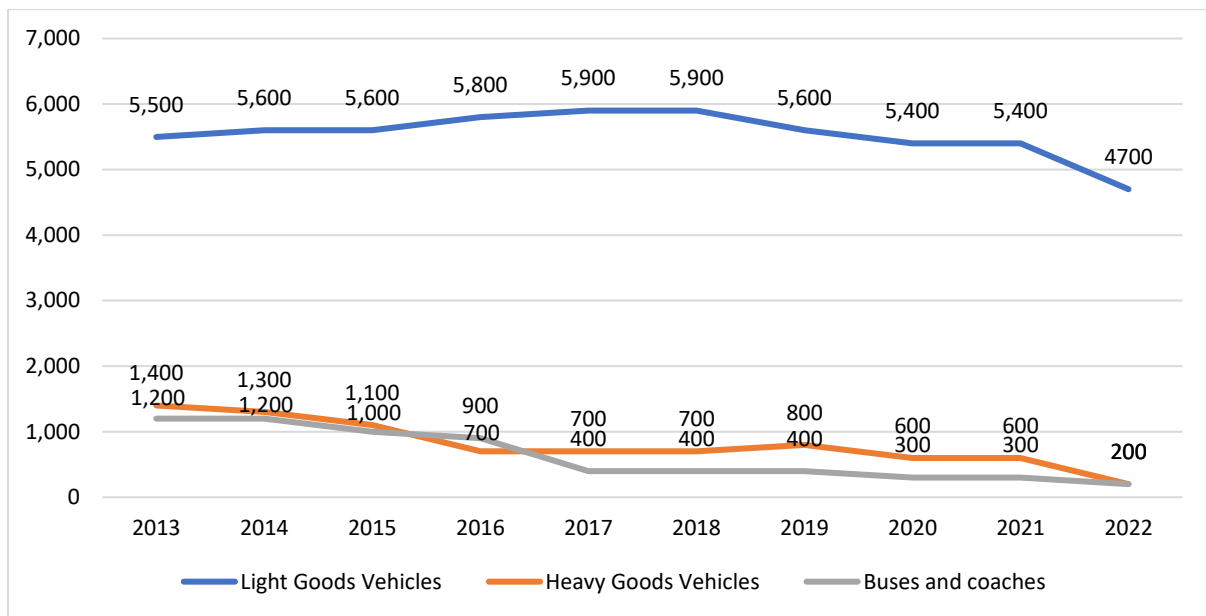


Figure 9

[Source - GOV.UK 2022](https://gov.uk)

Figure 9 shows that, between 2021 and 2022, the total number of licensed Light Goods Vehicles, Heavy Goods Vehicles and Buses/Coaches in Lincoln reduced. LGVs reduced by 700, HGVs by 400 and Buses/Coaches by 100 within this period.

TOTAL NUMBER OF LICENSED PLUG-IN VEHICLES IN LINCOLN 2021

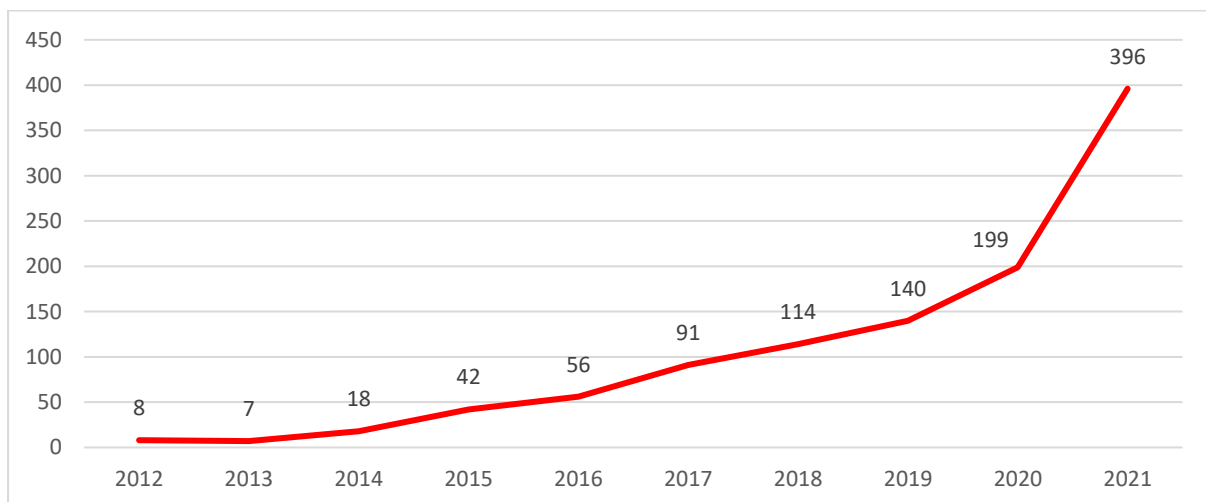


Figure 10

[Source - GOV.UK 2021](https://gov.uk)

Figure 10 shows the total number of licensed plug-in vehicles in Lincoln has increased significantly since 2010, with the latest figure for 2021 at 396 vehicles.

LINCOLN 'NO2' AIR QUALITY MANAGEMENT AREA AS OF 2024

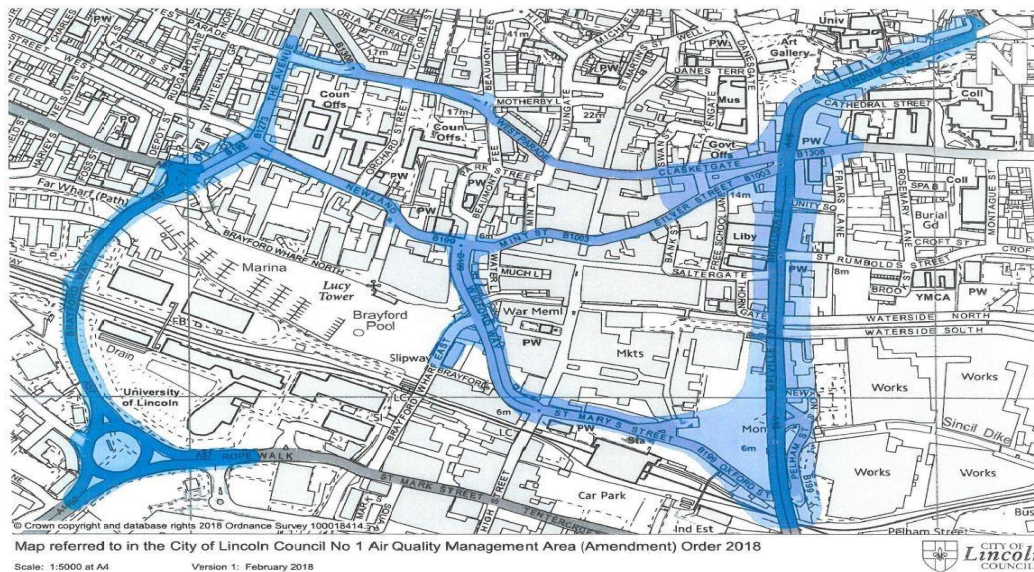


Figure 11

Source – [City of Lincoln Council 2024](#)

Figure 11 shows the Air Quality Management Area (AQMA) for Lincoln in 2024. The spatial extent of the AQMA was reduced in August 2018, due to positive improvements in nitrogen dioxide levels. An AQMA boundary can be changed or revoked only if sufficient evidence is available that demonstrates breaches of the national air quality objectives are unlikely.

AUTOMATIC NO2 (NITROGEN OXIDE) MONITORING LOCATIONS AS OF 2024

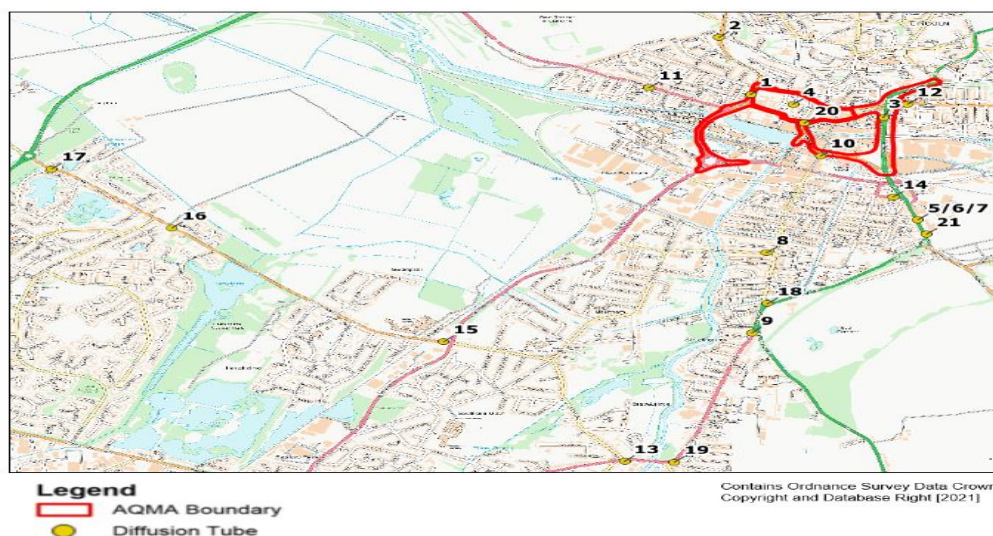


Figure 12

Source – [City of Lincoln Council 2024](#)

Figure 12 shows the location of NO₂ monitoring sites in Lincoln, as of 2024. In the 5 years up to and including 2019, all long-term monitoring sites showed an

improvement in NO₂ levels. This trend continued in 2020 and into 2021, albeit some of the improvements seen in 2020 and 2021 are likely to have been a result of the reductions in vehicular traffic during Covid-19 lockdowns. However, data collected in 2022 and 2023 confirms that the improving trends in NO₂ levels, observed pre-pandemic, have continued.

The continued improvement in NO₂ levels in the city's AQMA are likely to result in proposals coming forward in 2024 for the remaining AQMA to be revoked. This move is supported by DEFRA due to the long-term compliance with the national air quality objectives within the city.

HECTARES OF WOODLAND AND GRASSLAND THAT ARE ABSORBING CARBON DIOXIDE AS OF 2021

Woodland Area	ha
South Common	11
Boultham Mere	16
Swanpool	13.5
The Pheasantry	4.5
Foal Close	3
Hartsholme	43
Swanholme	10
Boultham Moor woods & fishponds	7.5
Boultham Park	9.3
Starmers Pit	4.5
Hospital and Skellingthorpe Moor plantations	77
Birchwood Avenue	3
Arboretum	4
TOTAL	206.3
Grassland area	ha
South Common	61.5
West Common	66.3
Cow Paddle	7.5
Swanpool	25
Witham Valley grasslands	20
TOTAL	180.3

Figure 13

Source – City of Lincoln Council 2021

Figure 13 shows the numerous areas of woodland and grassland in Lincoln in 2021, and the extent to which they were absorbing carbon dioxide (in hectares). In total woodland areas in the city were absorbing 206.3 hectares, with the highest contributor in this area being Hospital and Skellingthorpe Moor plantations with a combined total of 77 hectares. In total, grassland areas absorbed 180.3 hectares during 2021, with the largest contributor being West Common at 66.3 hectares.

New data for this measure will be available later in 2024. City of Lincoln Council is currently working in partnership with the University of East Anglia and with support of the Net-Zero Innovation Fund to recapture the carbon value of the sites listed within figure 13.

ELECTRIC VEHICLE CHARGING POINTS USAGE RATES IN CITY OF LINCOLN COUNCIL CAR PARKS 2023

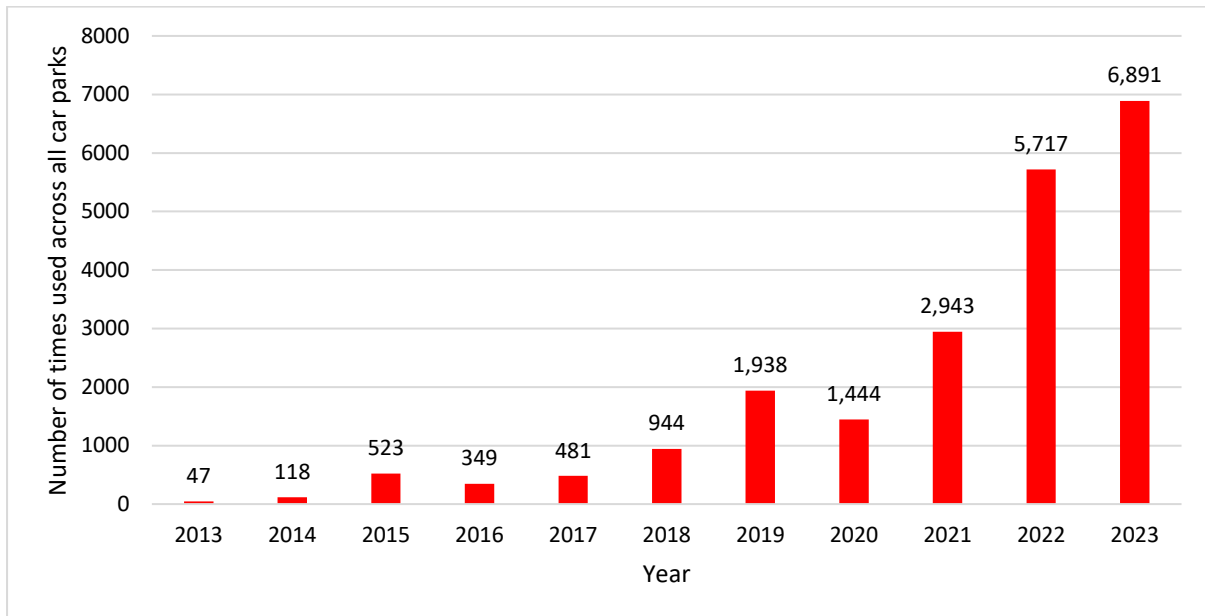


Figure 14

Source – City of Lincoln Council 2023

Figure 14 shows the number of times electric vehicle charging points were used in Lincoln, across all car parks. The figures show a consistent and overall sustained increase from 2016, with a total of 6,891 individual charges in 2023. It is anticipated that this figure will further increase as more EV charging points are introduced across council car parks.

EV charging points are currently available in the following City of Lincoln Council owned car parks:

- Broadgate multi storey car park (2 available)
- Lucy Tower (18 available)
- The Lawn car park (8 available)
- Lincoln Central car park (12 available)
- Orchard Street car park (8 available)
- Chaplin Street car park (10 available)
- Shuttleworth House (6 available)
- Rosemary Lane car park (4 available)
- Motherby Lane (4 available)
- Birchwood Leisure Centre (2 available)
- Boultham Park car park (1 available)
- Langworthgate car park (4 soon to be available)

METHOD USED TO TRAVEL TO WORKPLACE AS OF JANUARY 2024

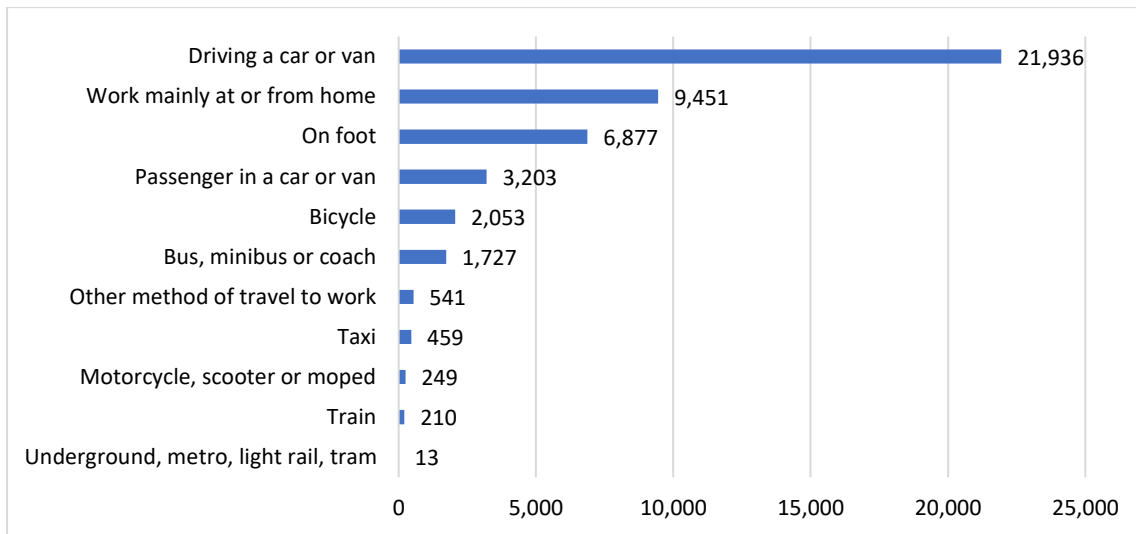


Figure 15

[Source - ONS 2024](#)

Figure 15 shows that the most frequently used method of transportation to work in Lincoln as of 2024 is “Driving a car or van”, followed by “on foot” methods.

METHOD USED TO TRAVEL TO WORKPLACE PERCENTAGES AS OF JANUARY 2024

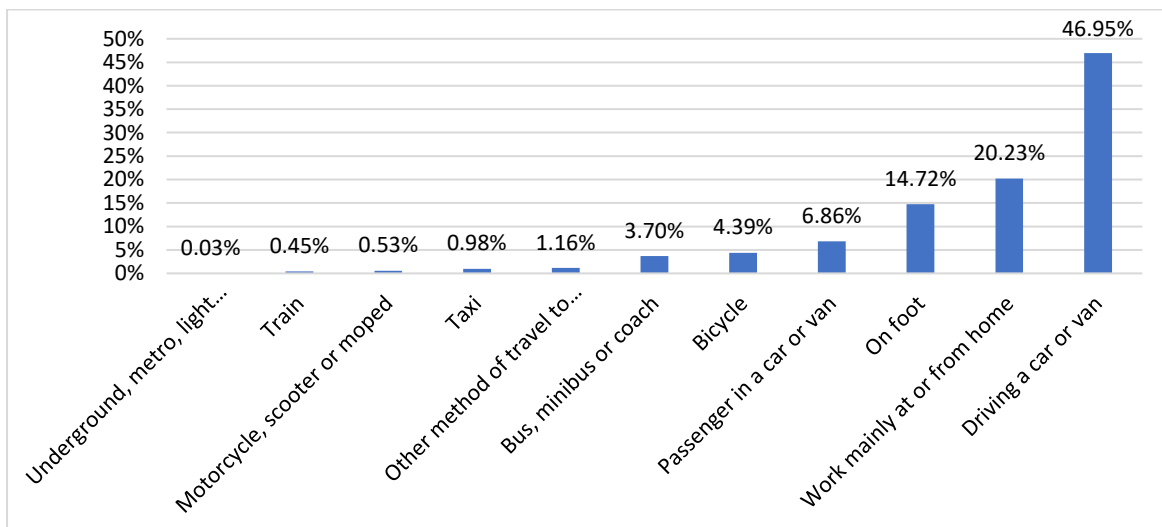


Figure 16

[Source - ONS 2024](#)

Figure 16 shows that of the transport to work methods reported in Lincoln as of 2024, 46.95% utilised driving a car or van, 14.72% on foot, and 6.86% as a passenger in a car or van.

PERCENTAGE OF CAR OR VAN AVAILABILITY BY HOUSEHOLD COMPOSITION AS OF JANUARY 2024

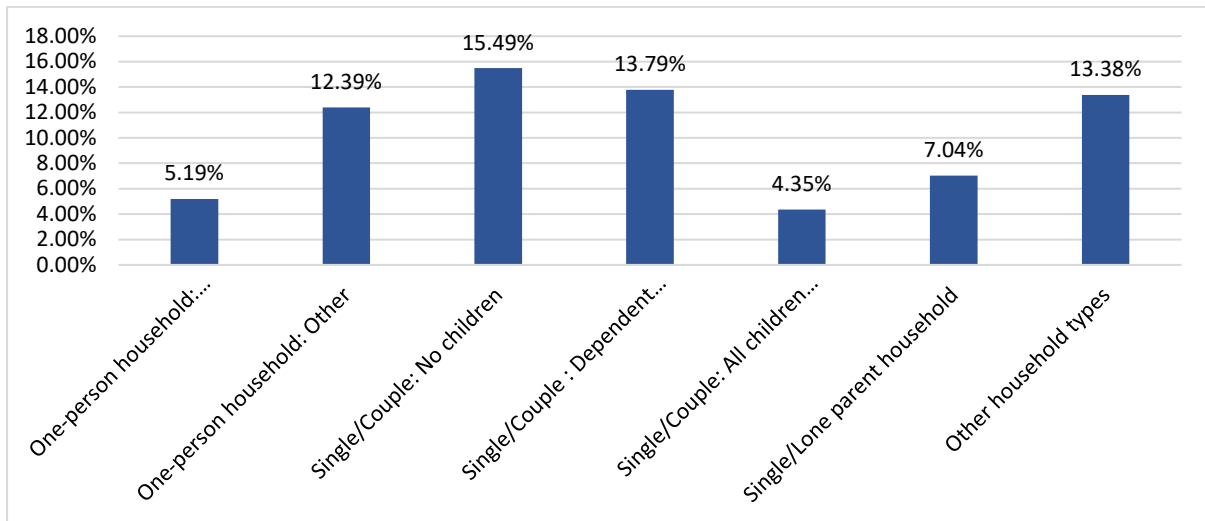


Figure 17

[Source - ONS 2024](#)

Figure 17 shows that within Lincoln as of 2024 71.62% of households have access to a car or van, with the highest percentage amongst those with no children.

PERCENTAGE OF CAR OR VAN UNAVAILABILITY BY HOUSEHOLD COMPOSITION AS OF JANUARY 2024

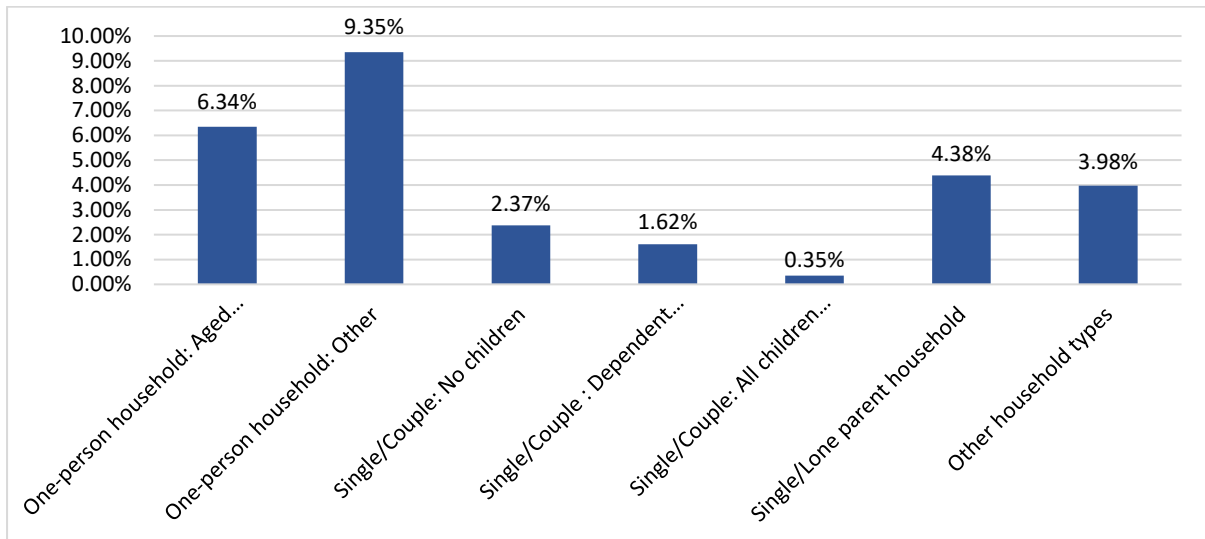


Figure 18

[Source - ONS 2024](#)

Figure 18 shows that within Lincoln as of 2024 a total of 28.38% of households do not have access to a car or van, with the highest percentage amongst one person households under 65 years of age.