

Report on the Impact of Red Routes on Passenger Injury Incidents

Summary

This report evaluates the impact of implementing red routes on the number of passenger injury incidents reported by Brighton and Hove Buses. An analysis of the incident data indicates a significant reduction in passenger injury accidents, suggesting that red routes have contributed to improved safety and reduced accidents in these areas.

Data Overview

Two datasets from Lewes Road and London Road areas were analysed. The key focus was on incidents categorised as "Passenger Injury" from 2023 to 2024.

Key Findings:

2023: Between April and October – Total 14 (London Road - 9 / Lewes Road - 5) Passenger injury incidents.

2024: Between April and October – Total 2 (London Road - 2 / Lewes Road – 0) Passenger injury incidents.

The percentage reduction in passenger injury incidents from 2023 to 2024 is approximately **85.7%**

Analysis

Monthly data revealed a clear downward trend in passenger injury incidents following the implementation of red routes. This suggests a strong correlation between the introduction of red routes and improved passenger safety.

Impact of Red Routes

Red routes are designed to manage traffic flow and ensure that roads remain clear for essential services, including buses. The reduction in passenger injury incidents indicates that:

- Improved Traffic Flow: Red routes reduce congestion, leading to fewer collisions and accidents.
- Enhanced Safety Measures: Clear lanes for buses minimise the risk of accidents involving passengers boarding and alighting from buses.
- Increased Compliance: Drivers are more likely to adhere to traffic regulations, reducing the likelihood of collisions.

Recommendations

Given the positive impact observed, the following recommendations are made:

- Expansion of Red Routes: Extend red routes to other high-traffic areas to further improve safety and reduce incidents.

- Continuous Monitoring: Regularly analyse incident data to measure the effectiveness of red routes and make necessary adjustments.
- Public Awareness Campaigns: Educate the public on the benefits and rules of red routes to ensure compliance and maximise safety benefits.

Conclusion

The implementation of red routes in Lewes Road and London Road areas has led to a notable reduction in passenger injury incidents. This report supports the continued and expanded use of red routes to enhance road safety and reduce traffic-related injuries.