2015 Quality Bus Corridor Monitoring Report – Dublin

November 2015

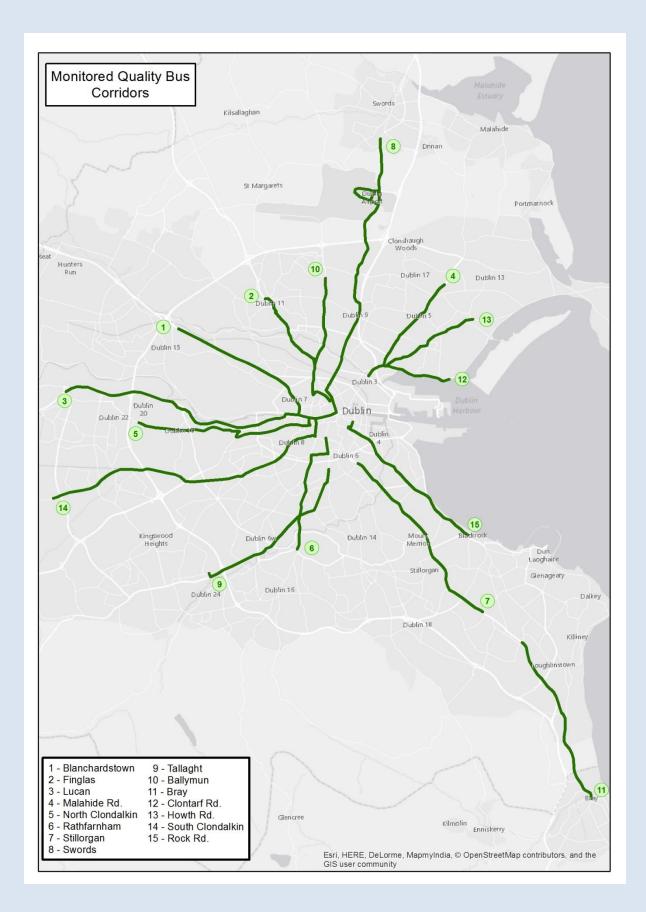
Purpose:

The purpose of the monitoring exercise is to undertake a time series analysis of the operation of each QBC in the Dublin Region. The following information has been measured:

- Bus Journey Time (one-way)
- Bus Speed (one-way)
- Bus / Car Journey Time comparison (one-way)
- Mode Share (canal cordon points)
- Count of bus passengers (canal cordon points)

Scope:

15 QBCs have been analysed over a 4 week period every November. Please refer to figure 1 for a map of the geographical extent of the QBCs monitored.



Data Sources:

Graph 1 – Bus Journey Time:

The one-way bus journey time (AM & PM) for the corridor, as described in each section, is provided by Dublin Bus. It is an extract from their AVL (Automatic Vehicle Location) database covering the month of November. AM journey times refer to the inbound route while PM refers to the outbound.

Graph 2 – Bus Speeds:

The bus speeds for the corridor are also provided by Dublin Bus, from the AVL database.

Graph 3 – Journey Time Comparisons:

This graph compares one-way bus and car journey times along a shorter section of the QBC. The car journey time data is derived from Sat-Nav units. These units provide up to date but also historic data for journey times across the road network. It is possible to extract the month of November so the data corresponds to the bus AVL data.

Graph 4 – Mode Share:

The mode share data is provided by the Dublin City Council annual cordon count. It is supplemented with the Dublin Bus Cordon Count.

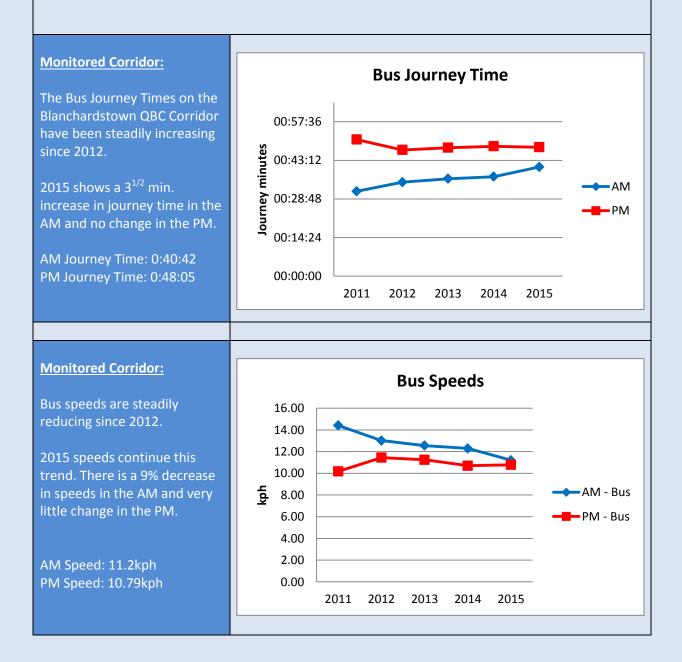
Graph 5 – **Bus Passengers**:

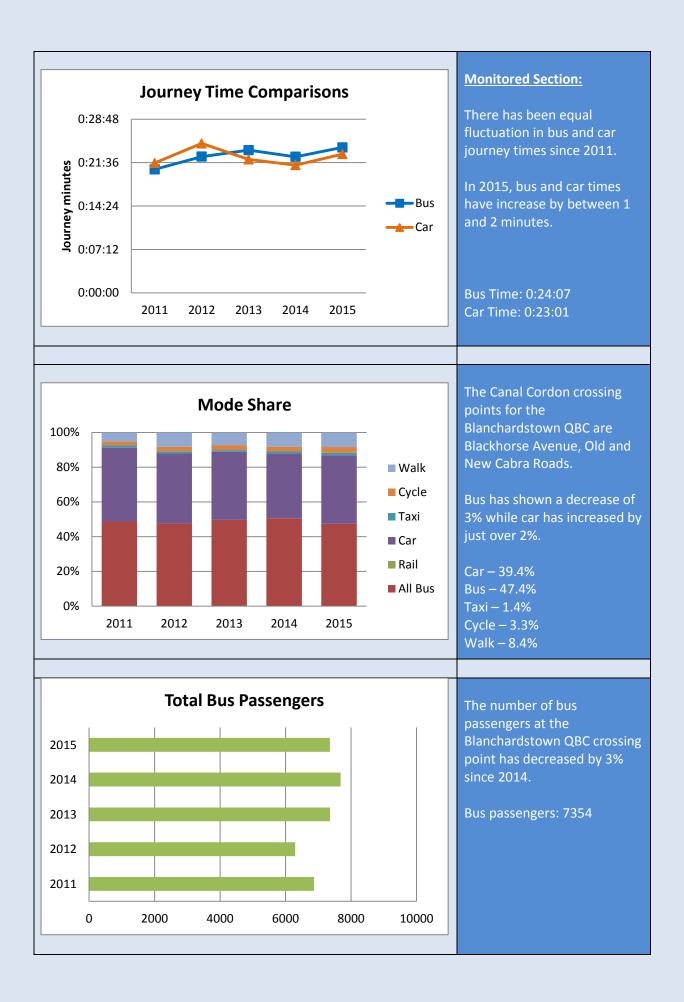
This graph shows the number of bus passengers at QBC canal cordon points. This data is provided by the Dublin Bus Cordon Count.



1. Blanchardstown Quality Bus Corridor

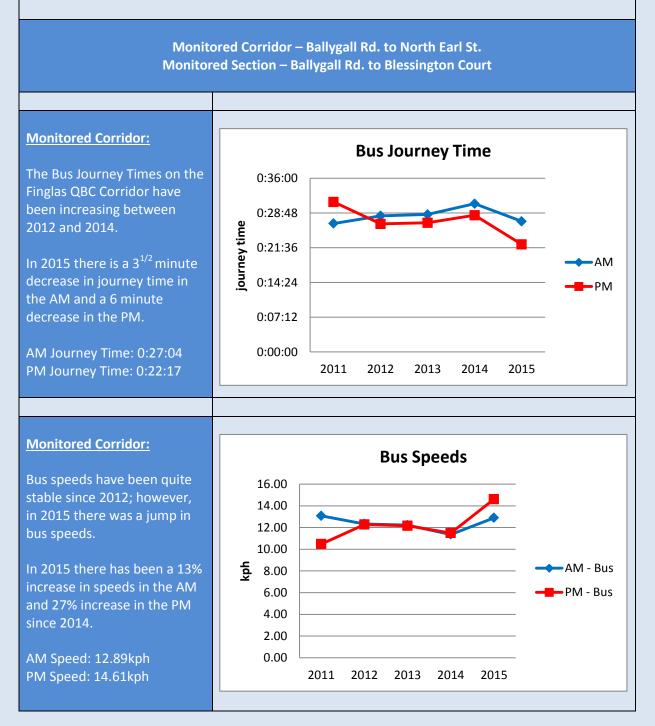
Monitored Corridor – Navan Rd/Morgan's Place to Bachelors Walk Monitored Section – Navan Rd/Morgan's Place to Manor St.

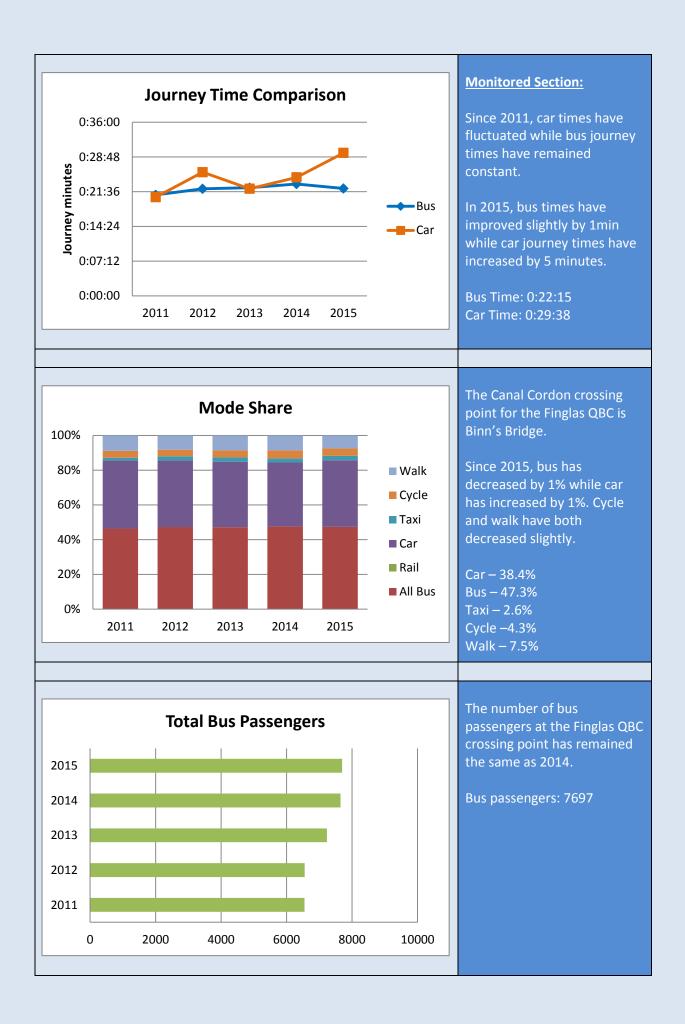






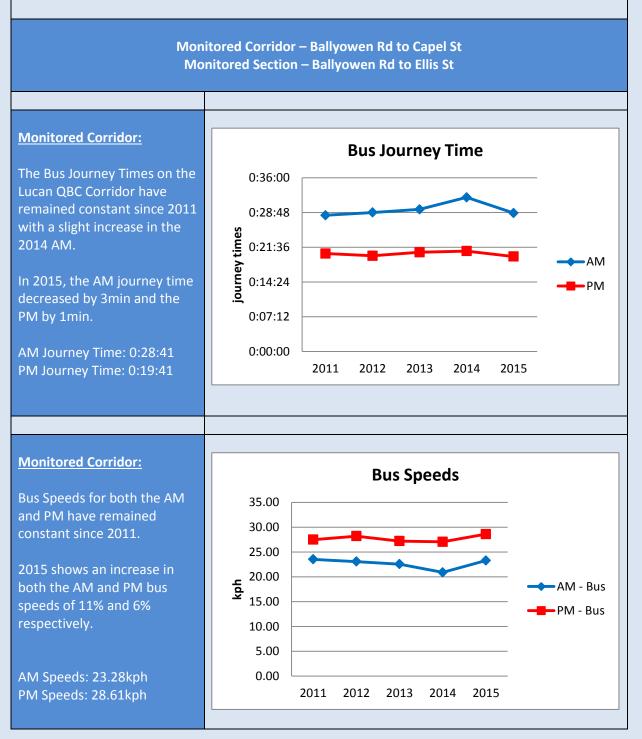
2. Finglas Quality Bus Corridor

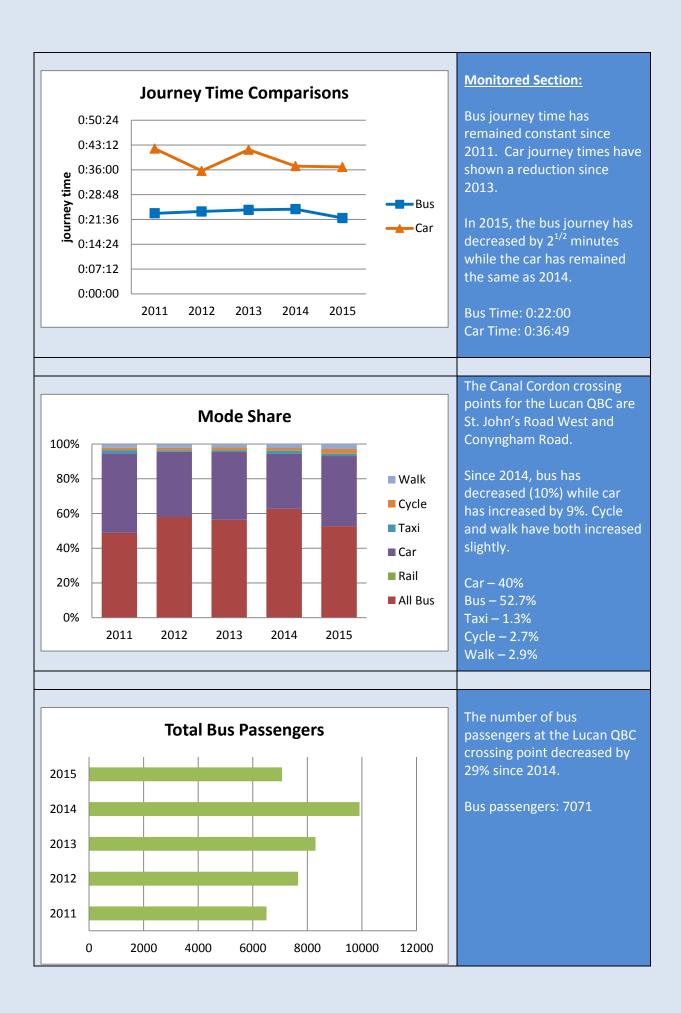






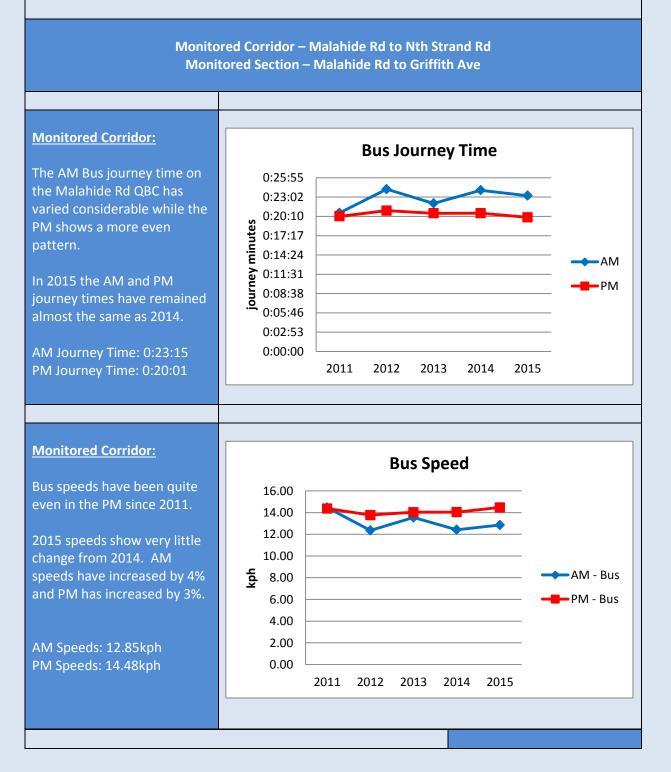
3. Lucan Quality Bus Corridor

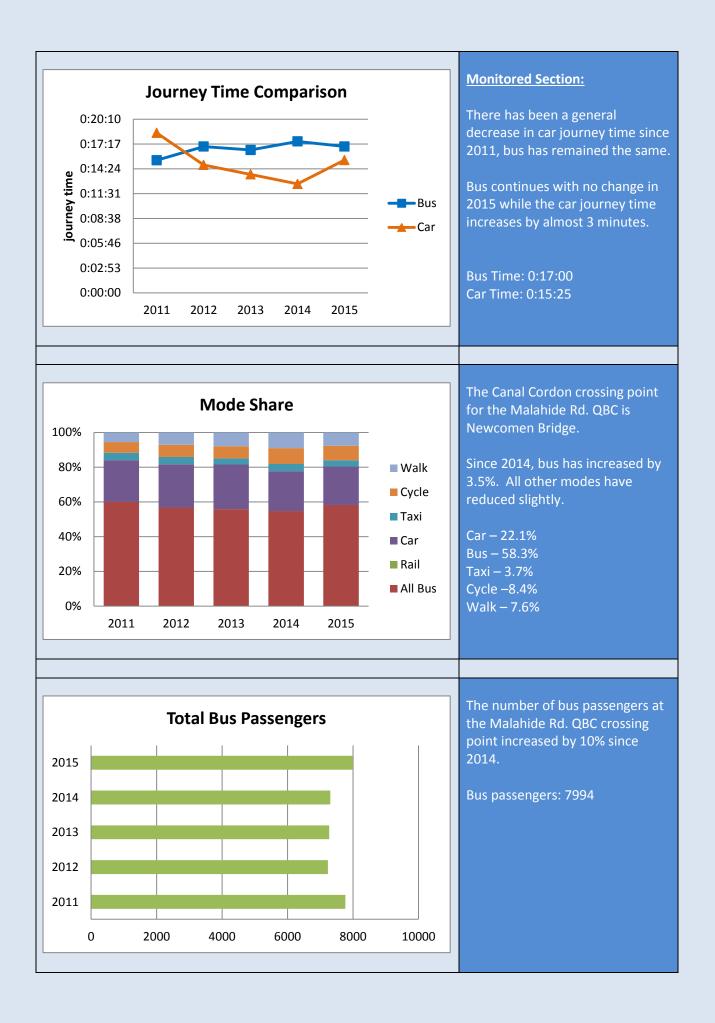






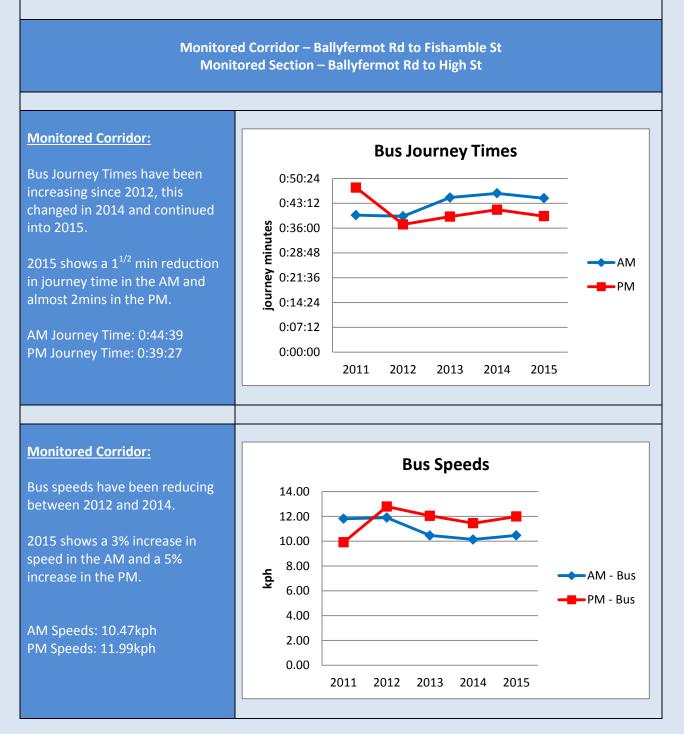
4. Malahide Road Quality Bus Corridor

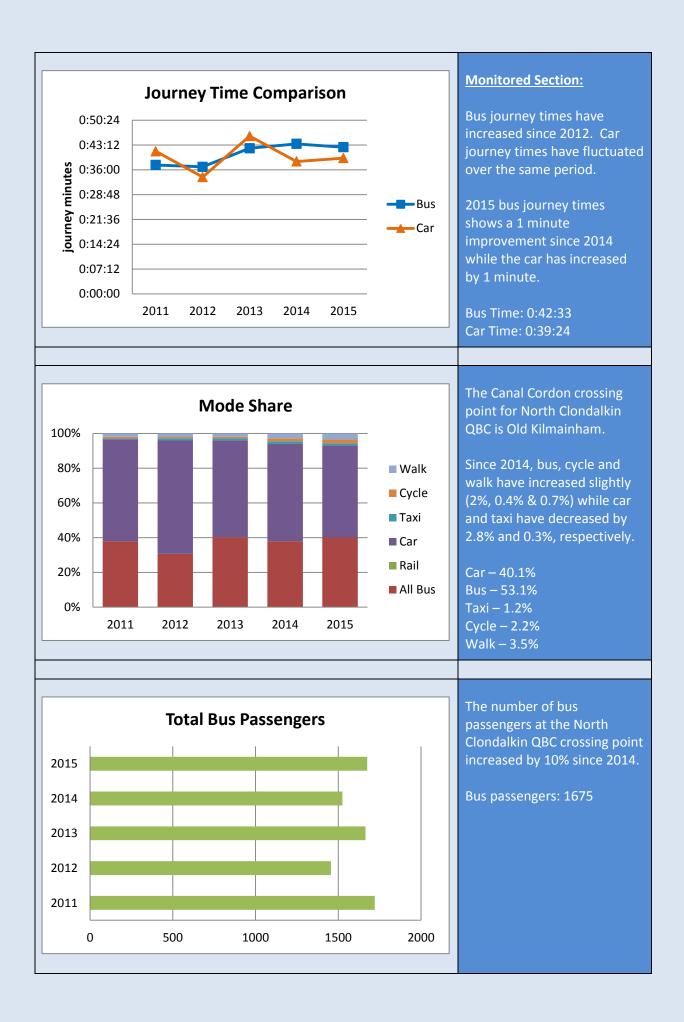






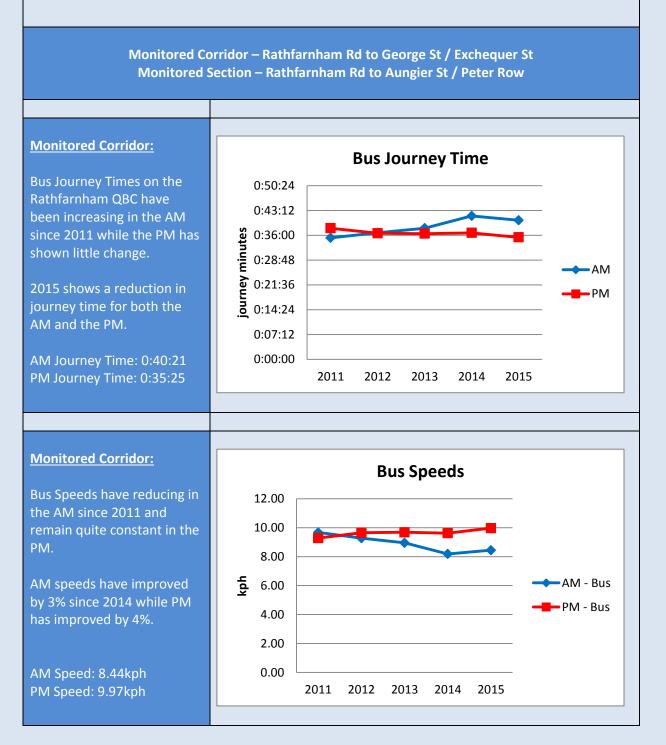
5. North Clondalkin Quality Bus Corridor

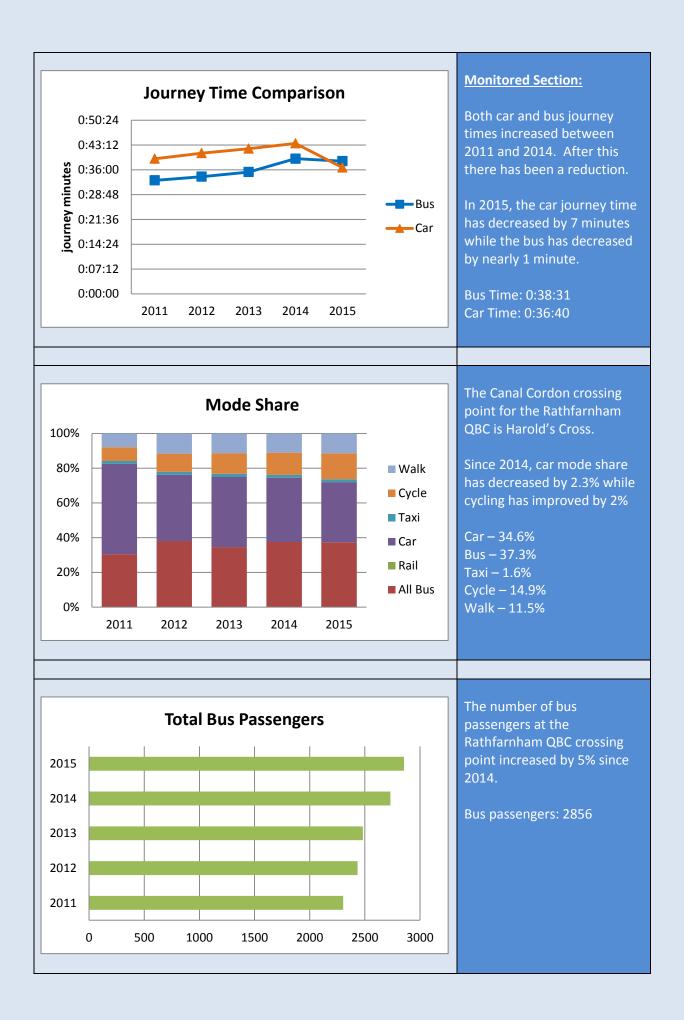






6. Rathfarnham Quality Bus Corridor

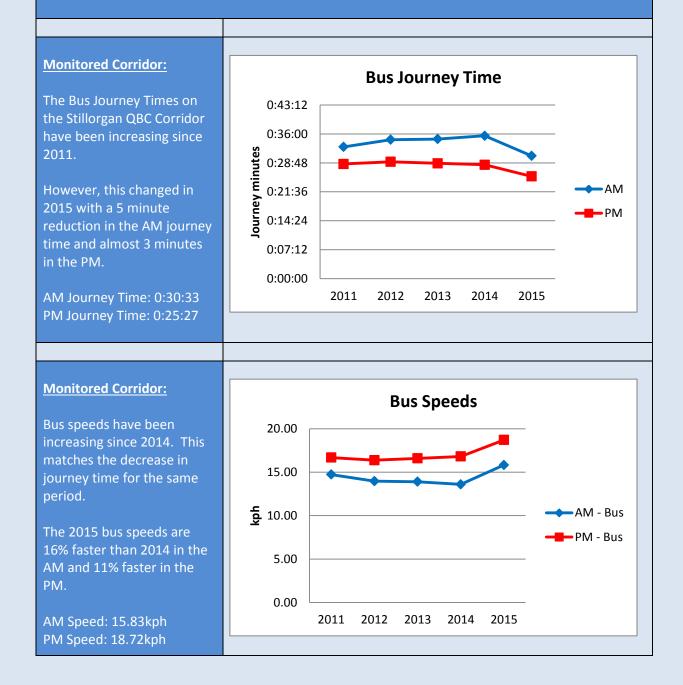


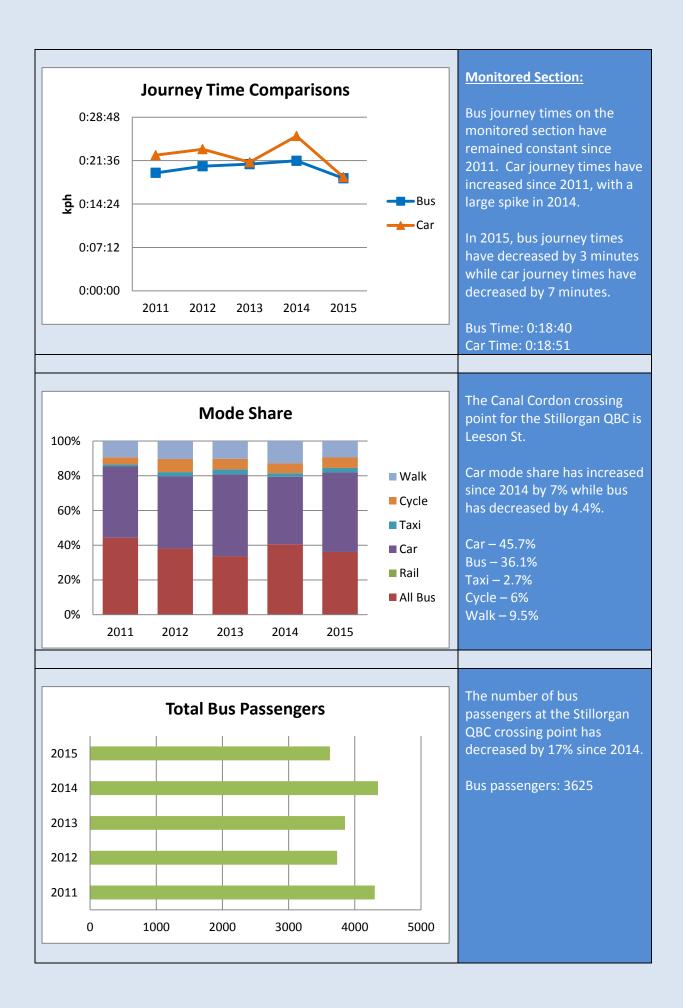




7. Stillorgan Quality Bus Corridor

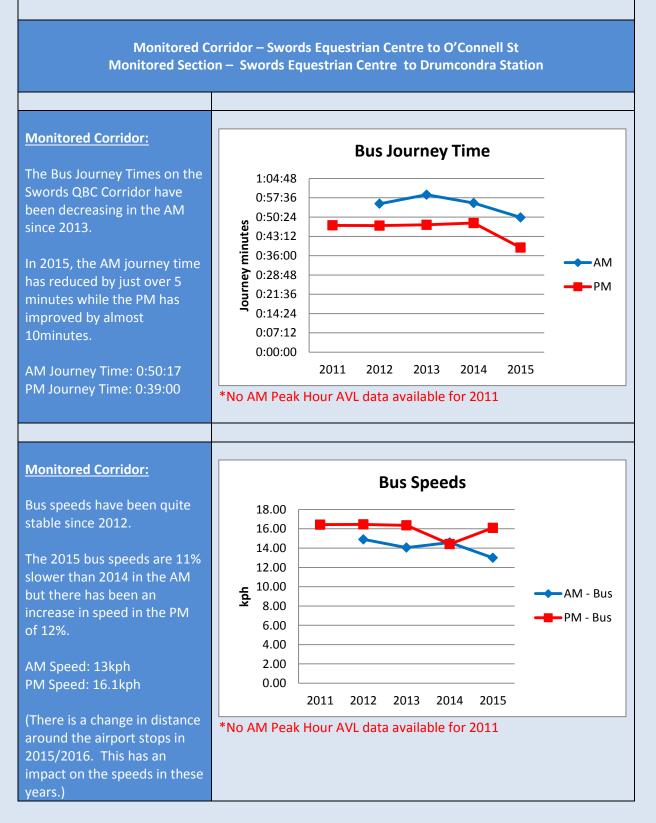
Monitored Corridor – Stillorgan Rd / Springfield Park to Appian Way Monitored Section – Stillorgan Rd / Sycamore Crescent to Appian Way

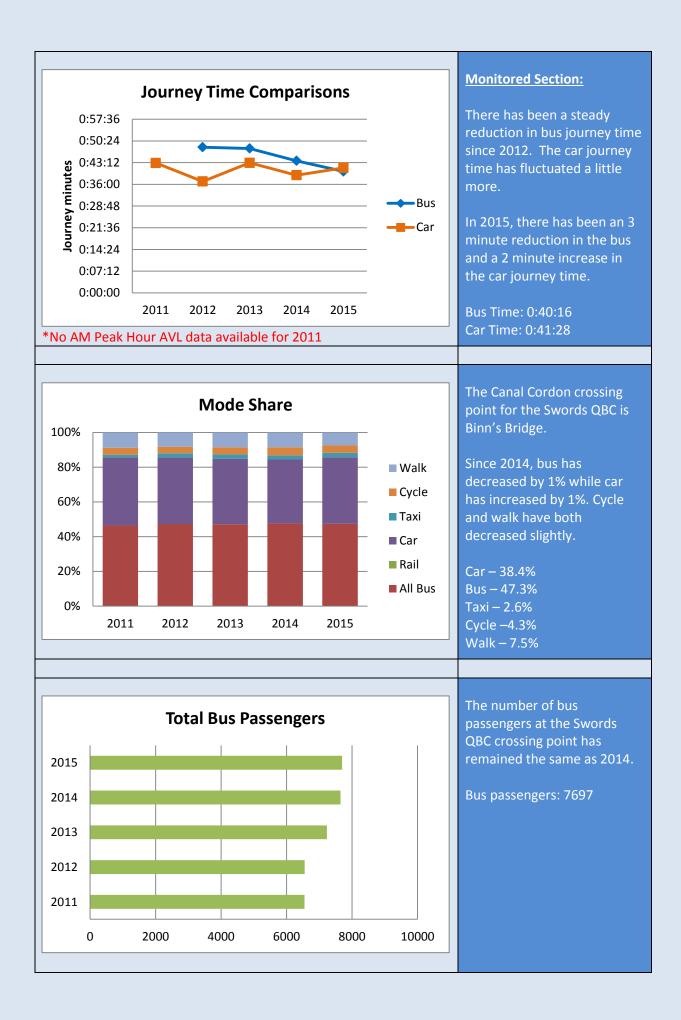






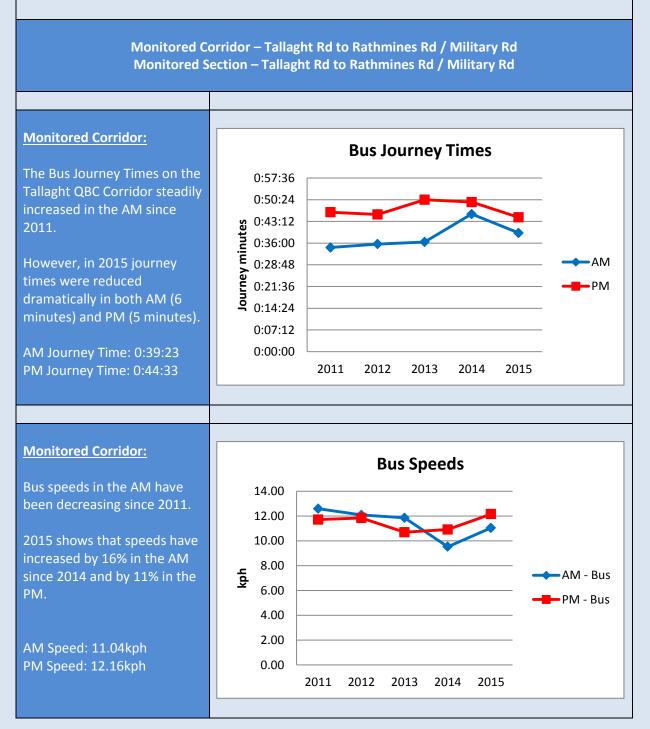
8. Swords Quality Bus Corridor

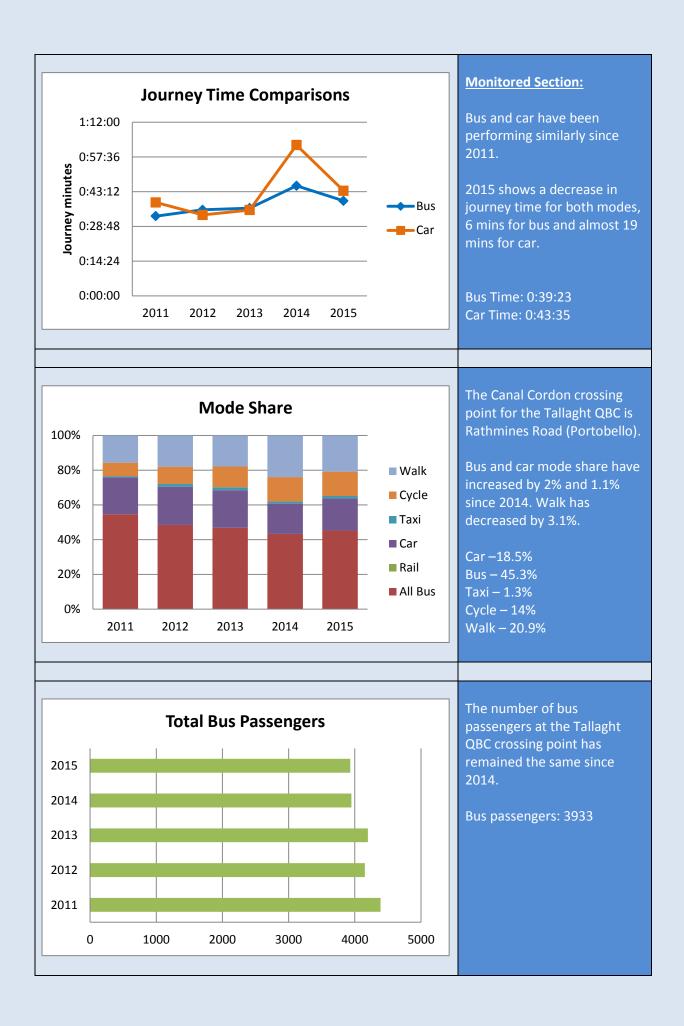


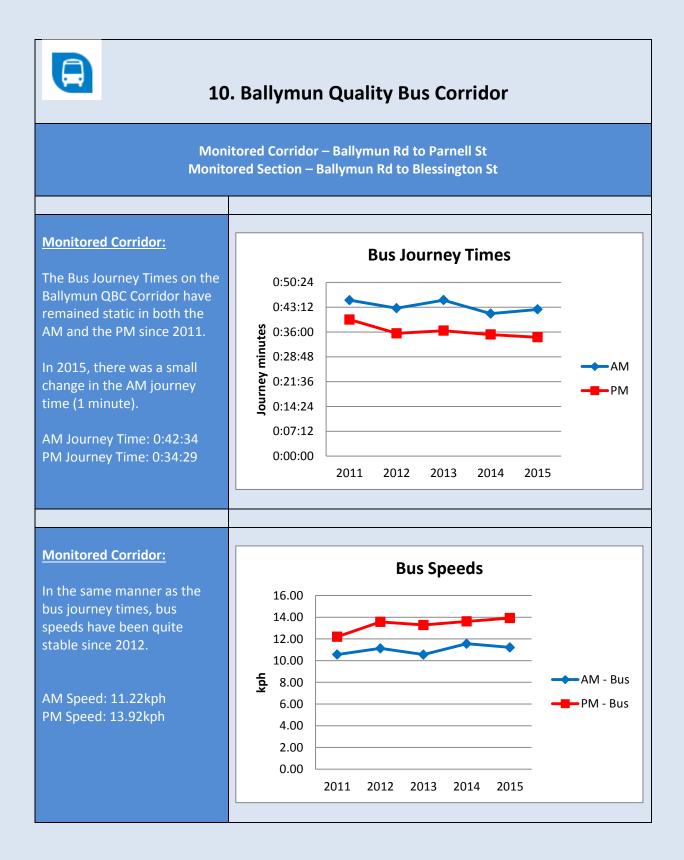


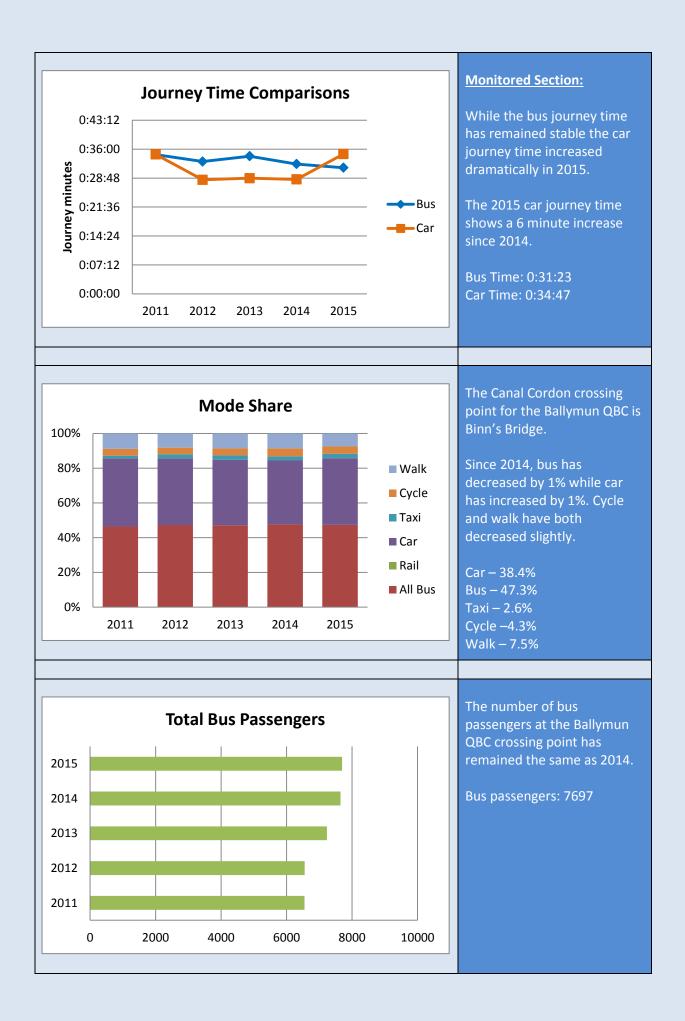


9. Tallaght Quality Bus Corridor





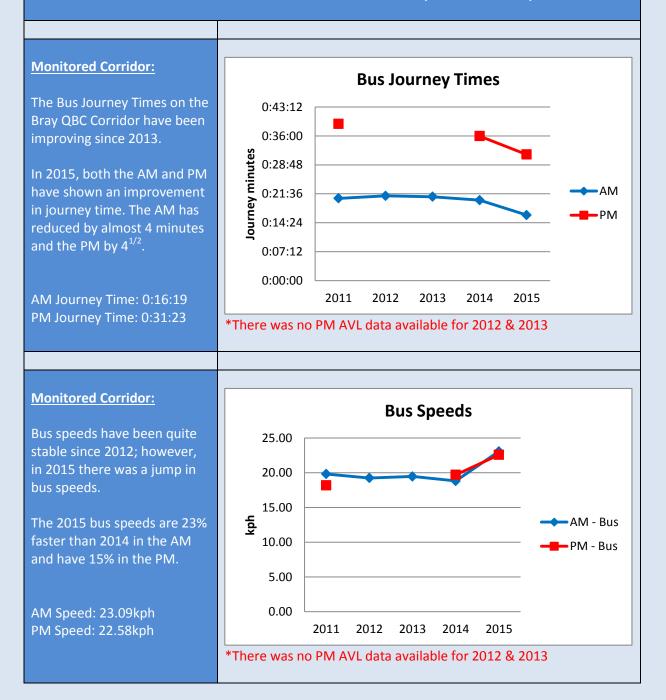


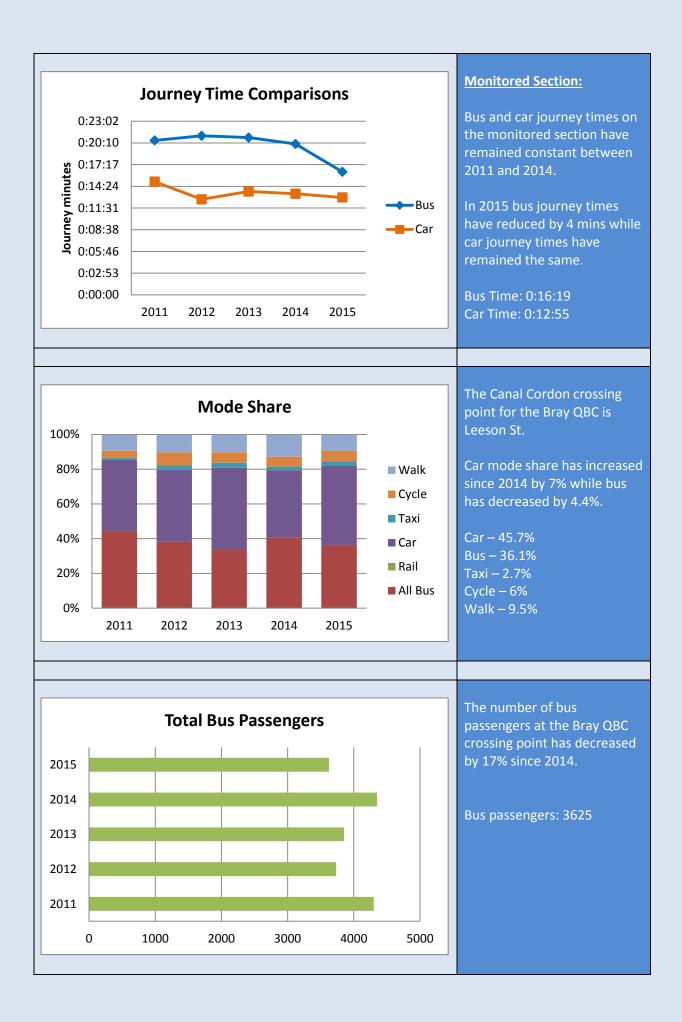




11. Bray Quality Bus Corridor

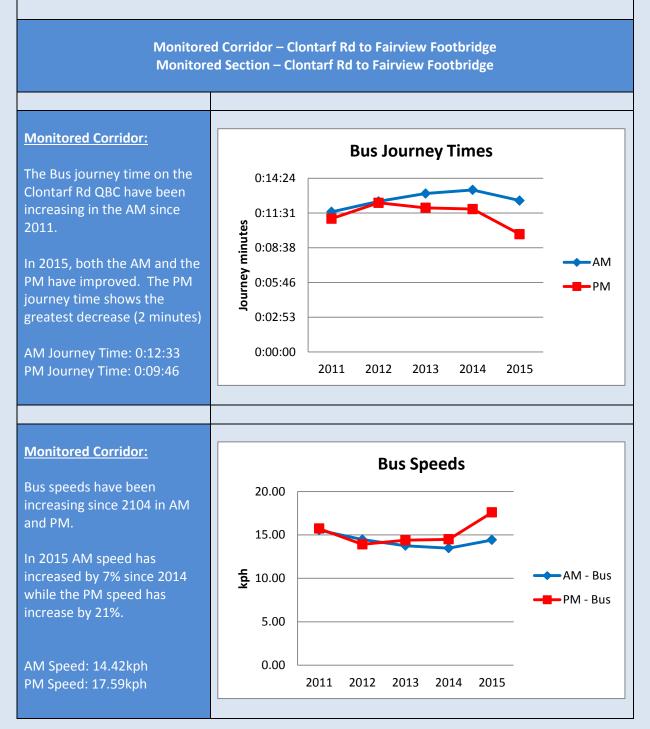
Monitored Corridor – Dublin Rd / Roseville Court to Bray Rd / Shrewsbury House Monitored Section – Dublin Rd / Roseville Court to Bray Rd / Shrewsbury House

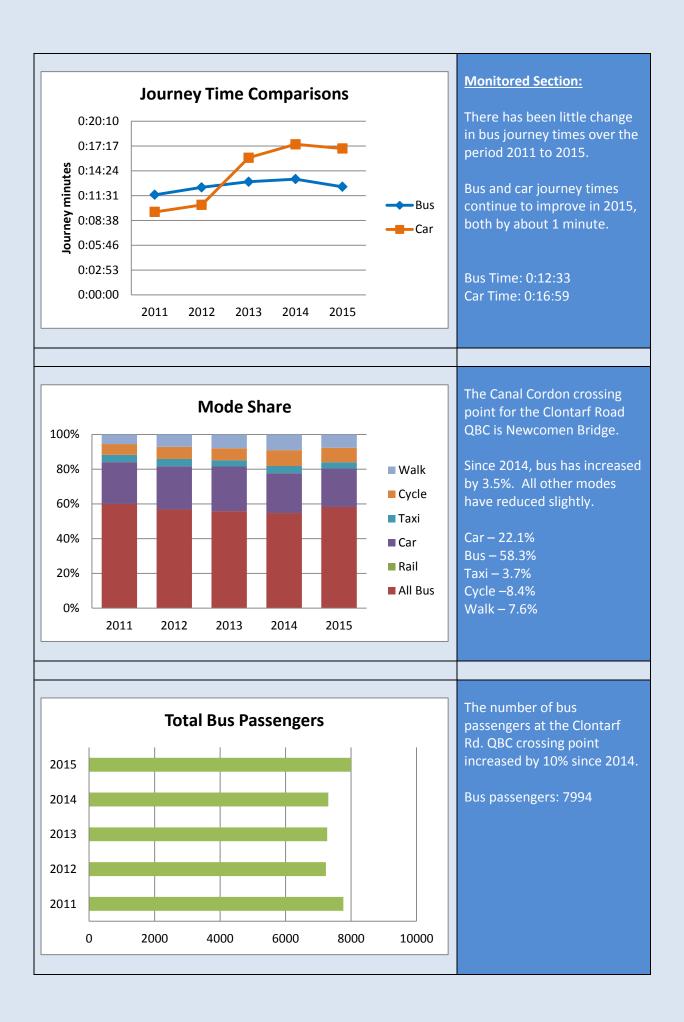






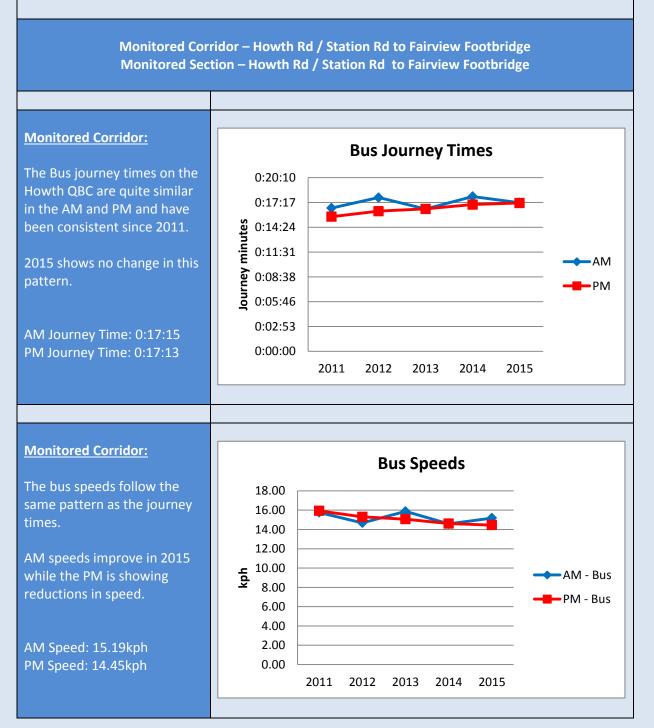
12. Clontarf Quality Bus Corridor

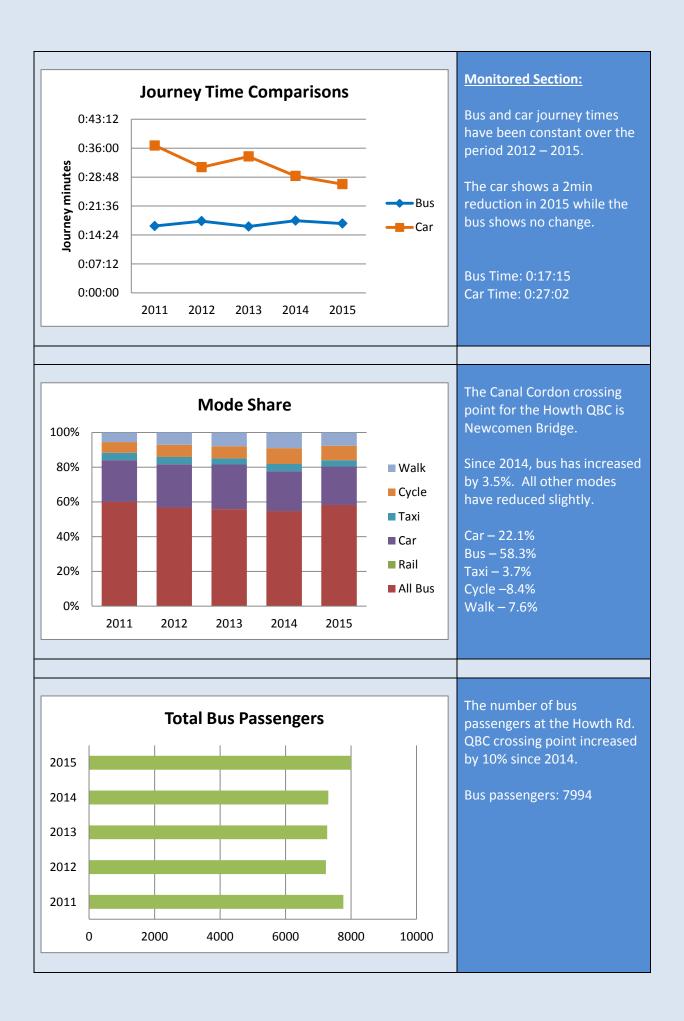






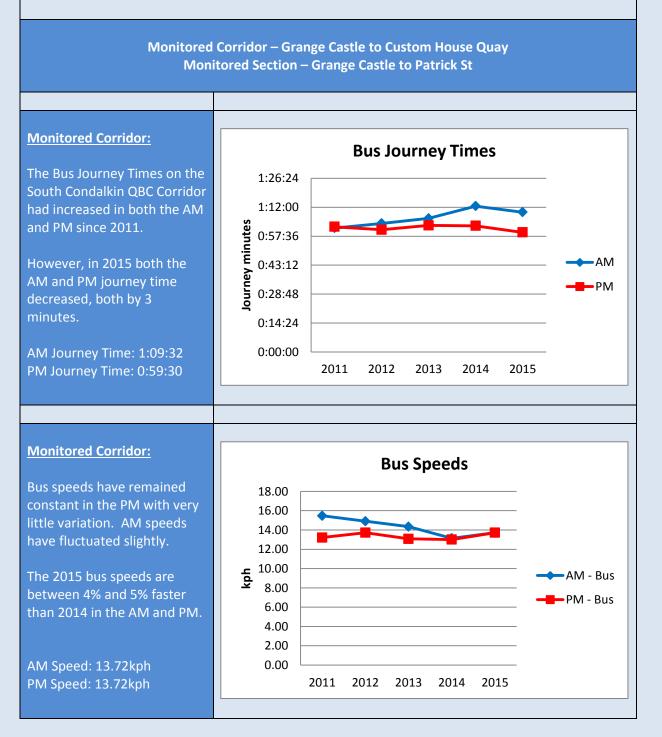
13. Howth Quality Bus Corridor

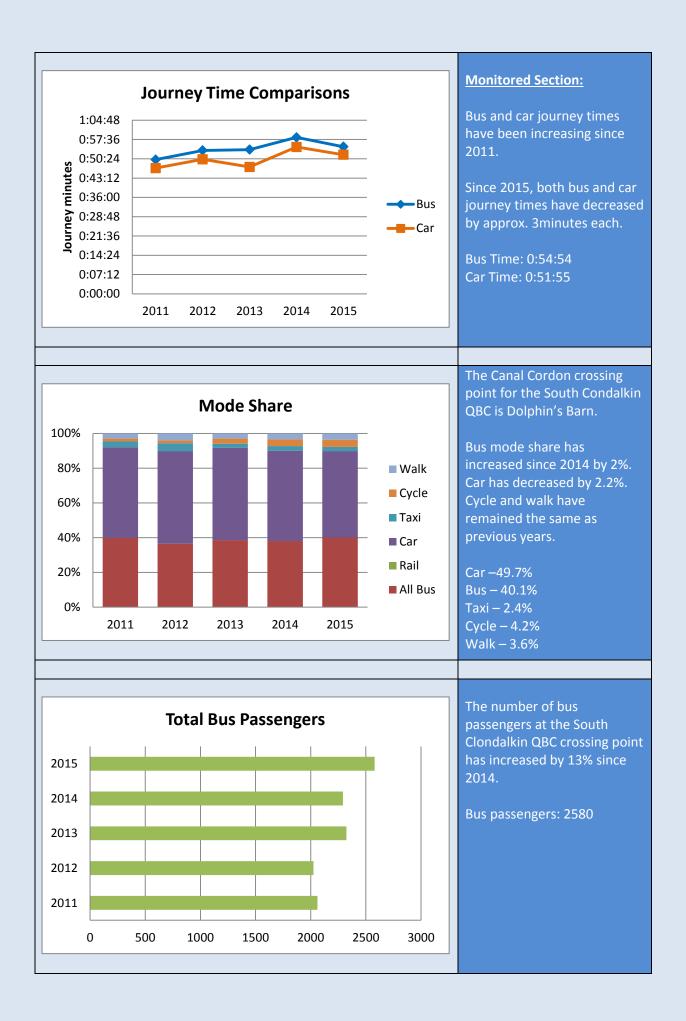






14. South Clondalkin Quality Bus Corridor







15. Rock Road Quality Bus Corridor

