

**CONNECTING
SHEFFIELD**
Better travel choices

Document 5 of 9

Vehicle Count: Sheldon Road /
Nether Edge Road

Nether Edge Active Neighbourhood

Traffic Monitoring Data



Introduction

In order to monitor and evaluate the success of the Nether Edge Active Neighbourhood, we carried out traffic monitoring surveys at a number of key junctions across Nether Edge and the surrounding areas.

These surveys captured the movements of motor vehicles as well as people cycling and walking.

We surveyed junctions where we anticipated a potential change in travel as a result of the scheme, including areas of potential traffic displacement. We also surveyed how two of the controlled pedestrian crossings we put in place as part of the scheme were used.

We carried out two traffic monitoring surveys. The first survey was carried out just before the Active Neighbourhood was created, in May 2022, and the second survey was carried out five months after the Active Neighbourhood was created, in October 2022. In both surveys, we counted traffic between 7am and 7pm on two consecutive mid-week days. The data in this document shows the average traffic counted on those two days between 7am and 7pm.

The findings of these surveys are presented in 9 separate documents. This is document 5 of 9.

This document shows the number of vehicles we counted at the junctions surrounding Nether Edge Road, Sheldon Road, Machon Bank Road and Moncrieffe Road.

Number of motor vehicles: Nether Edge Road / Sheldon Road

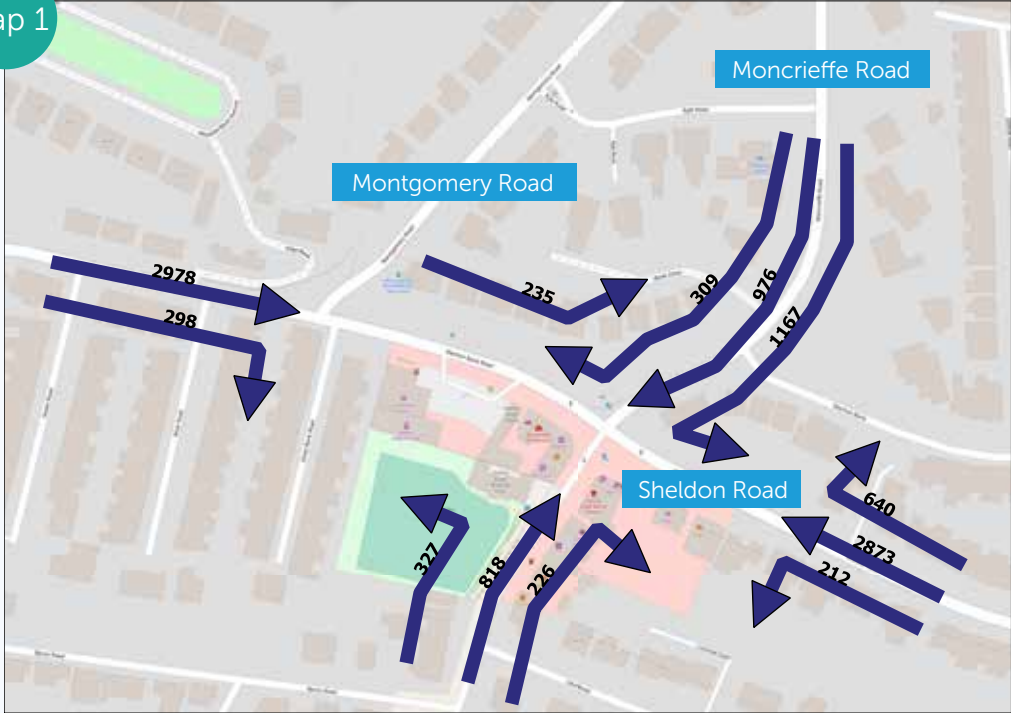
We counted the number of motor vehicles around Nether Edge Road and Sheldon Road.

Map 1 shows the number of vehicles counted during the 12-hour survey in May 2022.

Map 2 shows the number of vehicles counted during the 12-hour survey in October 2022.

The arrows show the direction of travel of the vehicles we counted.

Map 1

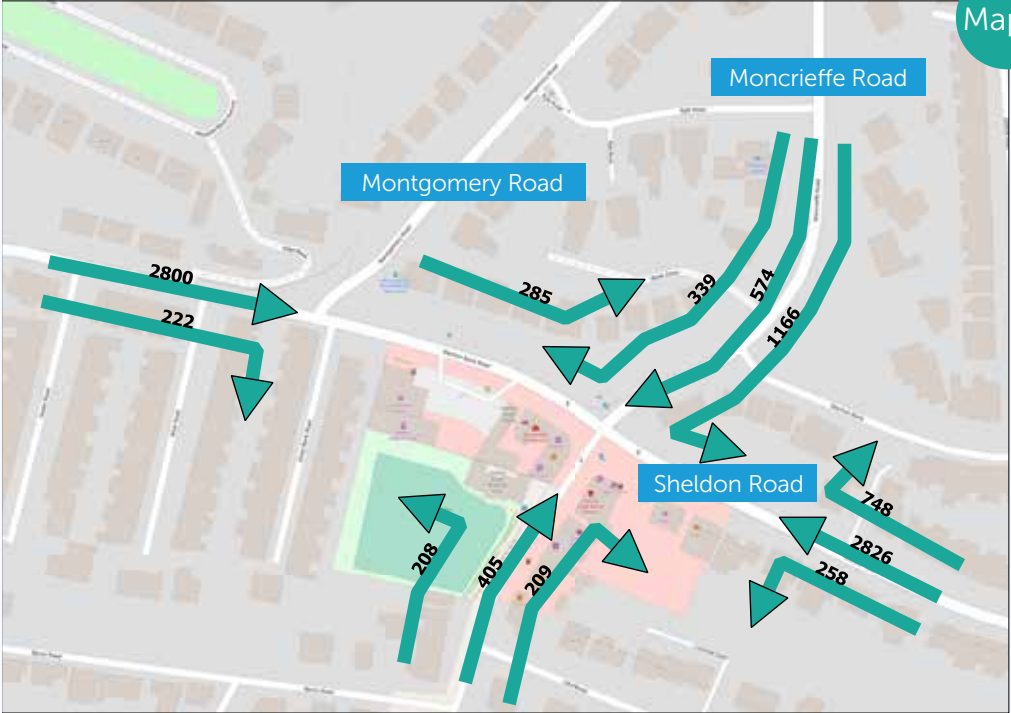


Key

Nether Edge May 2022 (before) - average motor vehicle count

➡ Direction and number of motor vehicles counted

Map 2



Key

Nether Edge October 2022 (after) - average motor vehicle count

➡ Direction and number of motor vehicles counted

Maps courtesy of Sheffield City Council

Number of motor vehicles: Nether Edge Road / Sheldon Road: Morning traffic count

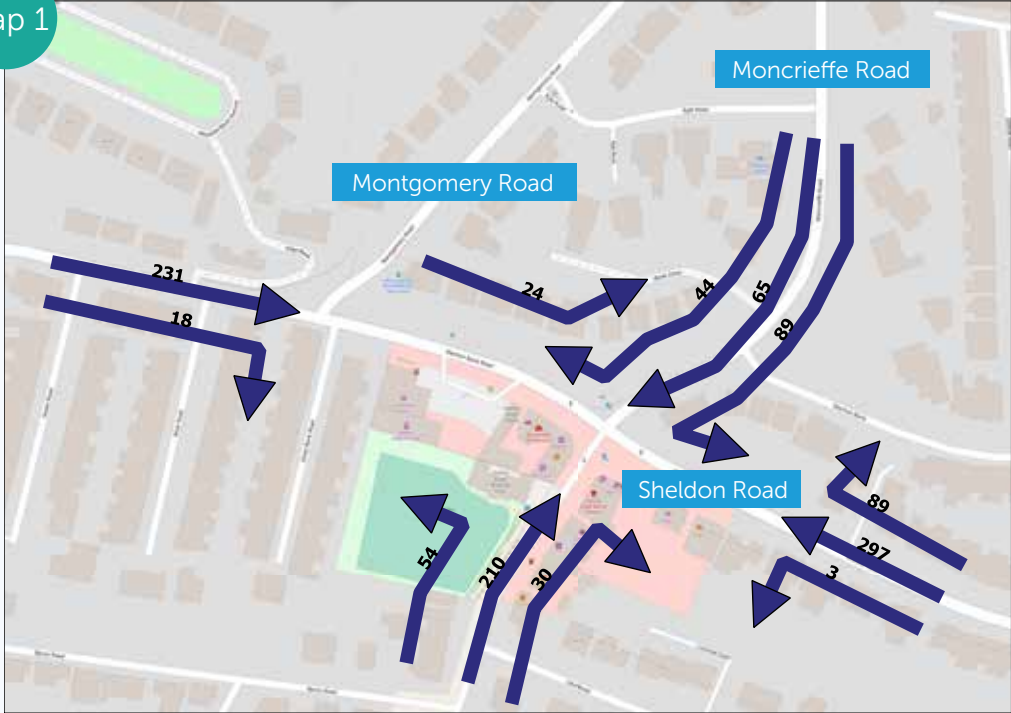
We counted the number of vehicles along these roads during the morning peak traffic time between 8am and 9am.

Map 1 shows the number of vehicles counted during the May 2022 survey.

Map 2 shows the number of vehicles counted during the October 2022 survey.

The arrows show the direction the vehicles were travelling in.

Map 1

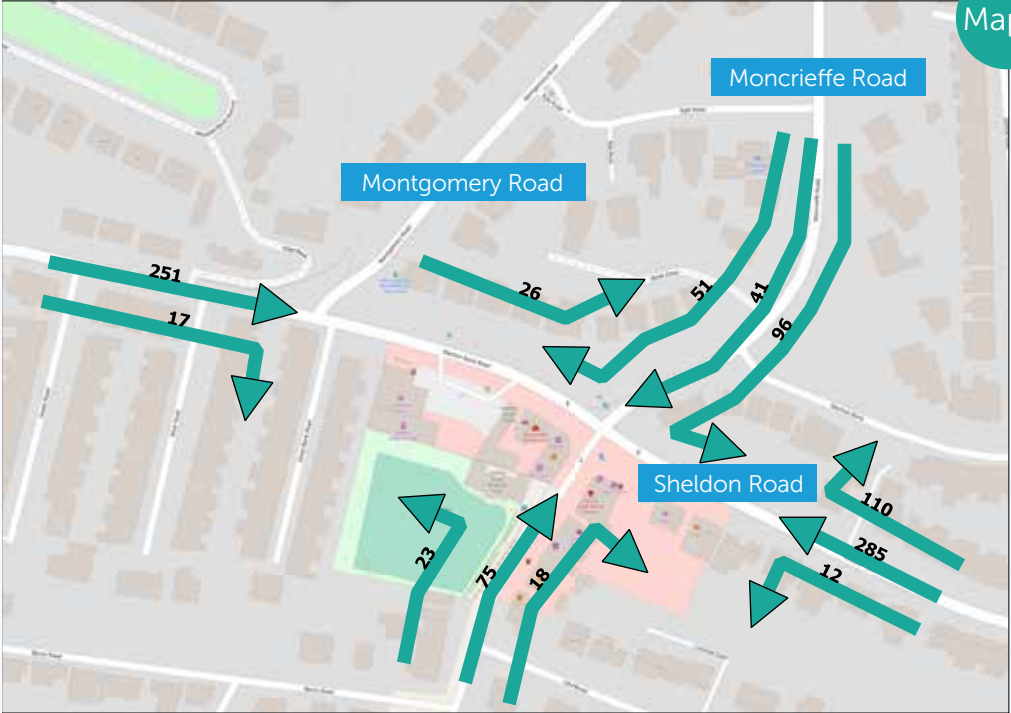


Key

Nether Edge May 2022 (before) - AM peak motor vehicle count

➡ Direction and number of motor vehicles counted

Map 2



Key

Nether Edge October 2022 (after) - AM peak motor vehicle count

➡ Direction and number of motor vehicles counted

Maps courtesy of Sheffield City Council

Number of motor vehicles: Nether Edge Road / Sheldon Road: Afternoon traffic count

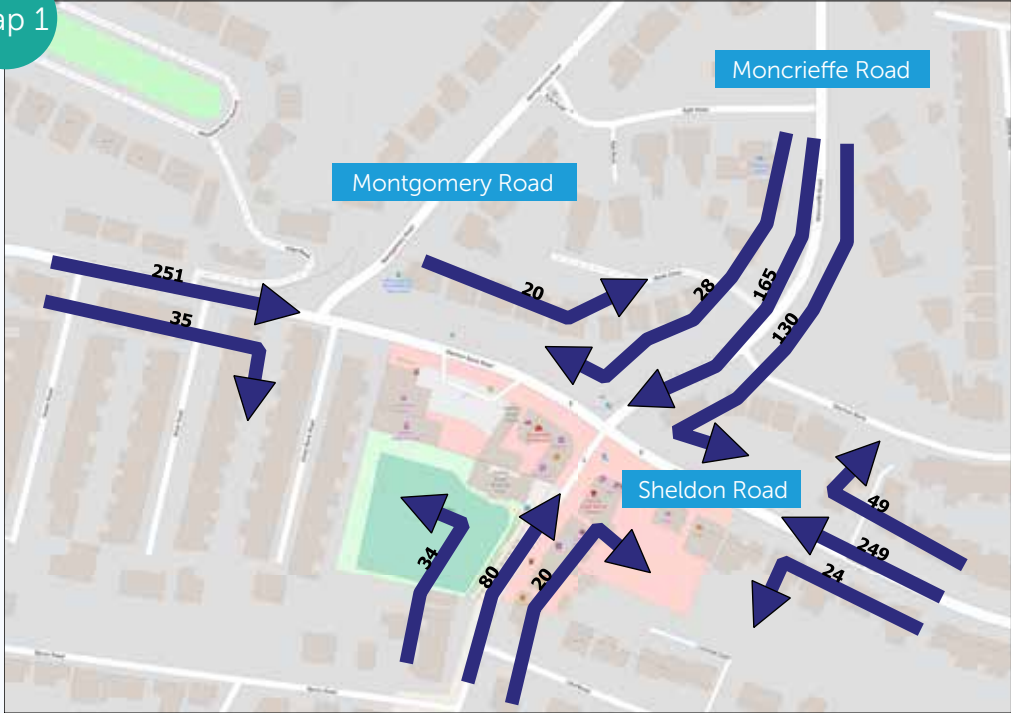
We counted the number of vehicles around these roads during the afternoon peak traffic time between 5pm and 6pm.

Map 1 shows the number of vehicles counted during the May 2022 survey.

Map 2 shows the number of vehicles counted during the October 2022 survey.

The arrows show the direction the vehicles were travelling in.

Map 1

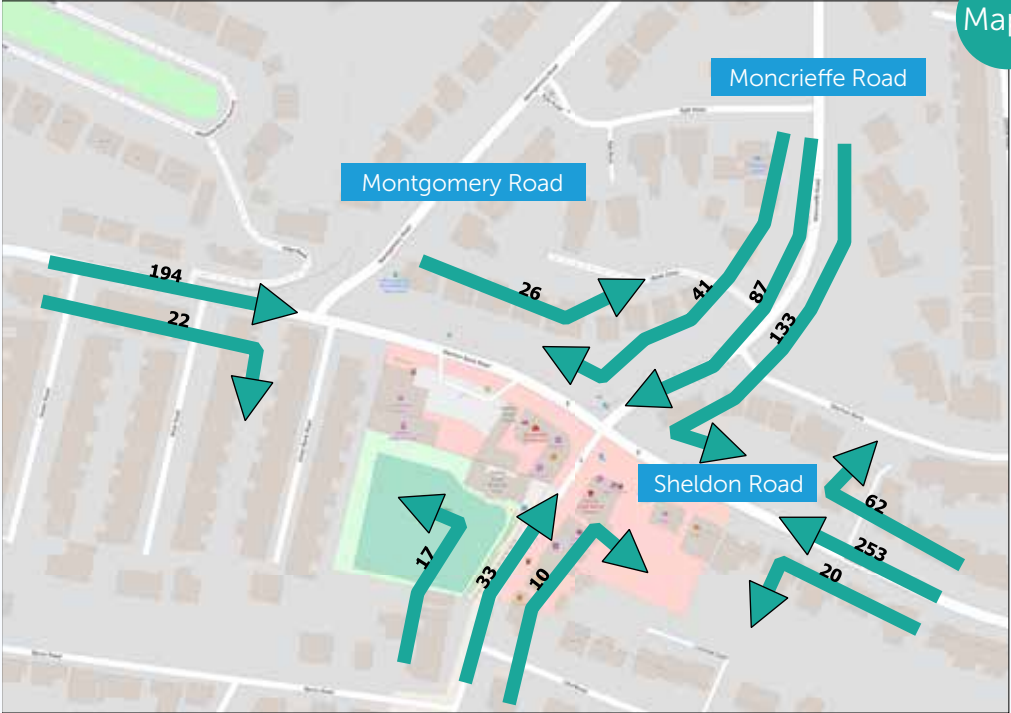


Key

Nether Edge May 2022 (before) - PM peak motor vehicle count

➡ Direction and number of motor vehicles counted

Map 2



Key

Nether Edge October 2022 (after) - PM peak motor vehicle count

➡ Direction and number of motor vehicles counted

Maps courtesy of Sheffield City Council