

St Stephen's Area - Traffic Data

To support the St Stephen's area pedestrian and cycle improvements, in 2018 a number of Automatic Traffic Counters were placed at various locations to measure the traffic speed and volume. This document outlines the 7 day average speed, volume and composition of traffic travelling in both directions along selected roads near the St Stephen's area.

Location: Ravensbourne Gardens

Speed Limit: 20 miles per hour

Direction	7-Day Average Speed	7-Day 85th %ile Speed	% of vehicles travelling over posted speed limit (PSL) of 20mph (7-day average)	% of vehicles travelling 10% +2 over PSL (24mph) (7-day average)	% of vehicles 15mph over PSL (35mph) (7-day average)
Northbound	20	25	45.4%	19.9%	0.9%
Southbound	22	28	62.8%	34.2%	1.6%
Combined	21	27	57.1%	29.5%	1.4%

Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekday Traffic Total
Northbound	164	157	1101
Southbound	321	317	2222
Combined	485	475	3323

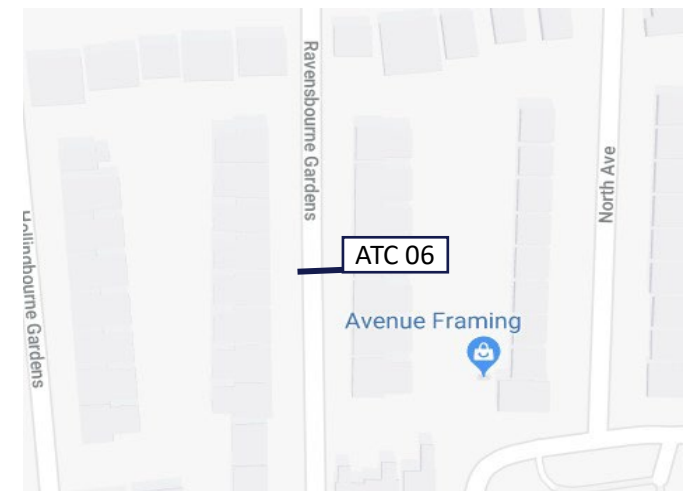
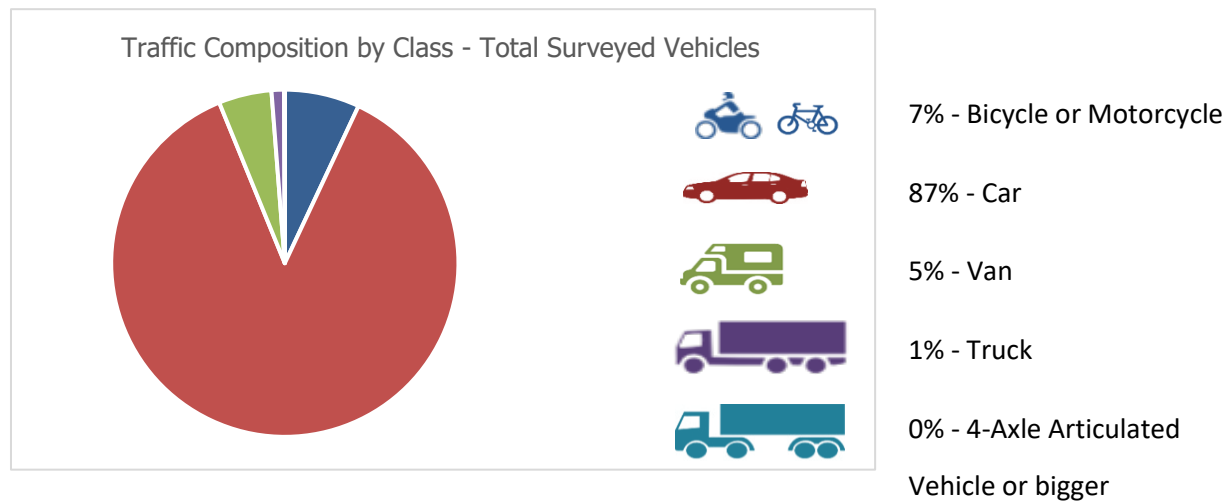


Figure 1: Automatic Traffic Counter Location

Location: St Stephens Avenue

Speed Limit: 30 miles per hour

Direction	7-Day Average Speed	7-Day 85th %ile Speed	% of vehicles travelling over posted speed limit (PSL) of 20mph (7-day average)	% of vehicles travelling 10% +2 over PSL (24mph) (7-day average)	% of vehicles 15mph over PSL (35mph) (7-day average)
Northbound	19	22	35.2%	5.9%	0.7%
Southbound	18	21	26.3%	3.0%	0.1%
Combined	18	22	30.0%	4.2%	0.4%

Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekday Traffic Total
Northbound	1048	952	6666
Southbound	1476	1338	9364
Combined	2525	2290	16030

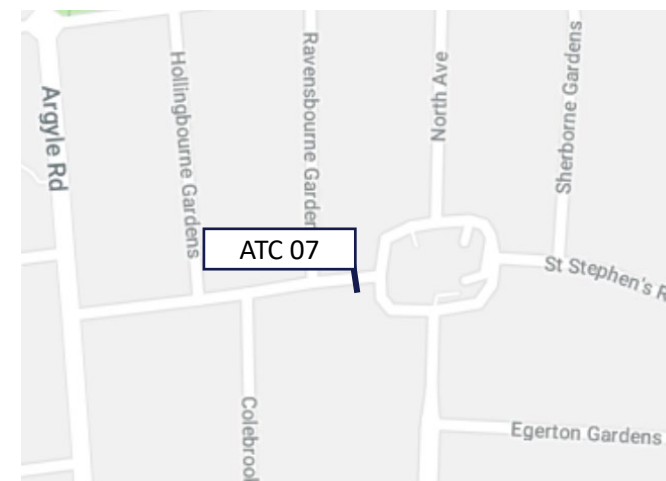
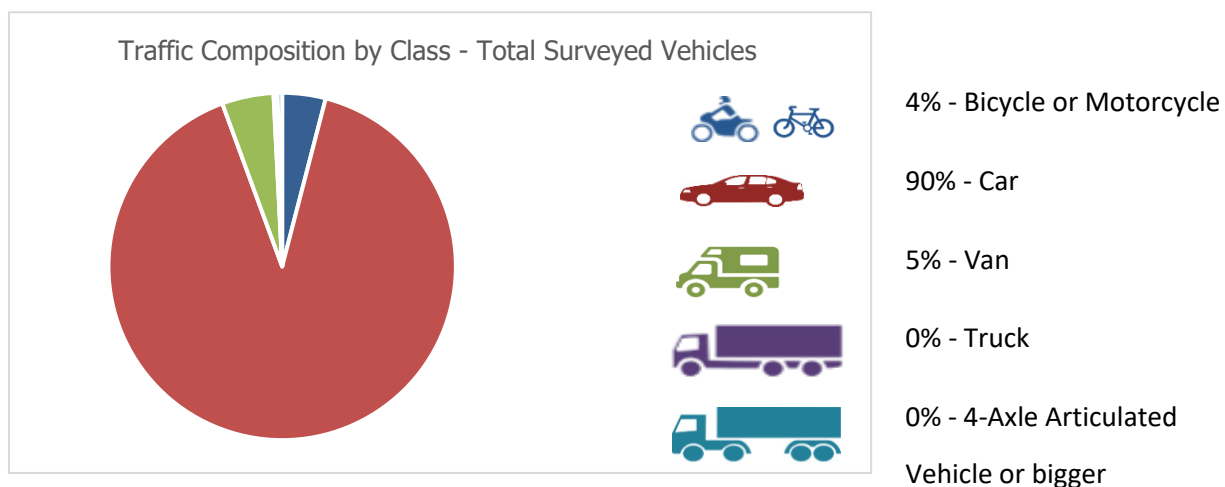


Figure 2: Automatic Traffic Counter Location

Location: St Stephens Road

Speed Limit: 20 miles per hour

Direction	7-Day Average Speed	7-Day 85th %ile Speed	% of vehicles travelling over posted speed limit (PSL) of 20mph (7-day average)	% of vehicles travelling 10% +2 over PSL (24mph) (7-day average)	% of vehicles 15mph over PSL (35mph) (7-day average)
Northbound	19	24	39.0%	13.9%	1.9%
Southbound	19	24	45.8%	13.7%	0.3%
Combined	19	24	43.0%	13.8%	1.0%

Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekday Traffic Total
Northbound	1048	939	6575
Southbound	1533	1370	9591
Combined	2581	2309	16166

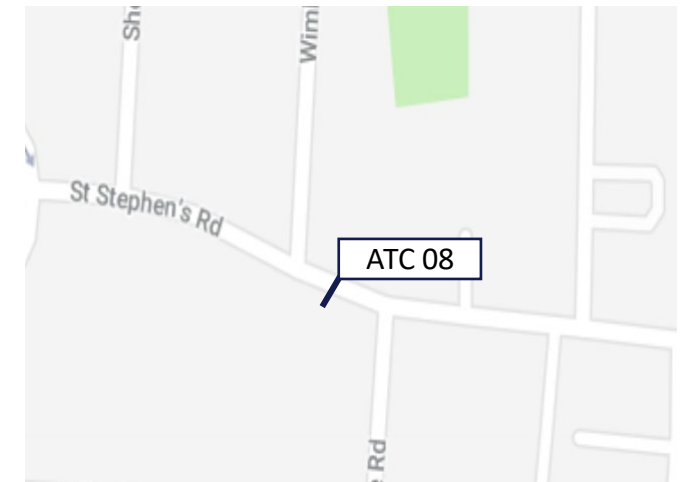
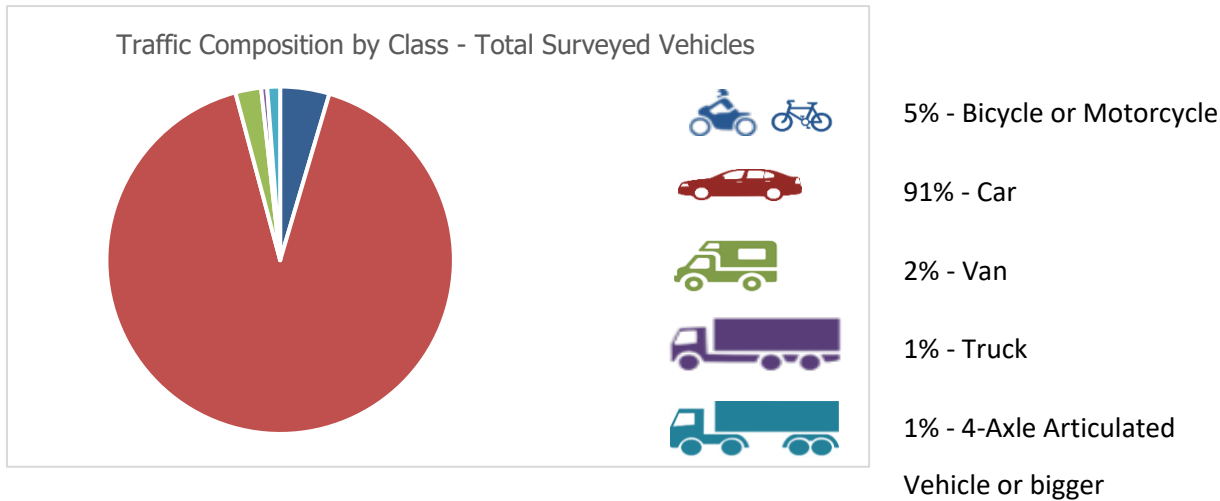


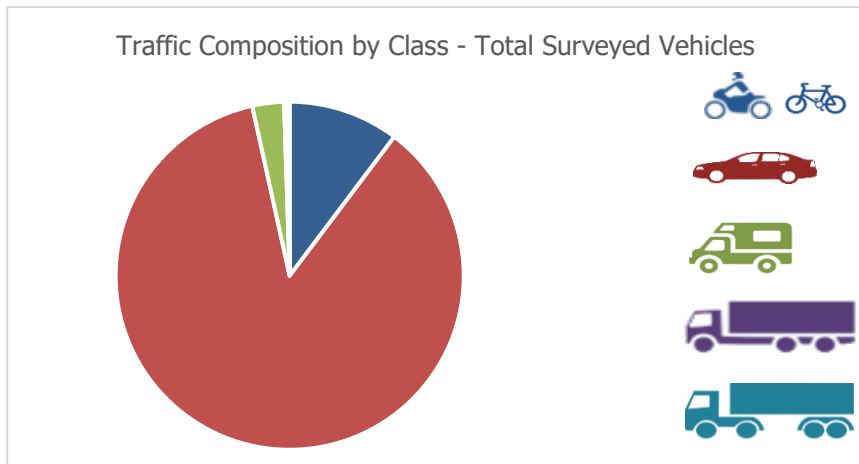
Figure 3: Automatic Traffic Counter Location

Location: Montague Road

Speed Limit: 20 miles per hour

Direction	7-Day Average Speed	7-Day 85th %ile Speed	% of vehicles travelling over posted speed limit (PSL) of 20mph (7-day average)	% of vehicles travelling 10% +2 over PSL (24mph) (7-day average)	% of vehicles 15mph over PSL (35mph) (7-day average)
Northbound	19	24	47.3%	17.6%	0.2%
Southbound	20	25	50.7%	19.3%	0.4%
Combined	20	25	49.0%	18.5%	0.3%

Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekday Traffic Total
Northbound	456	394	2759
Southbound	441	383	2682
Combined	897	777	5441



10% - Bicycle or Motorcycle

86% - Car

3% - Van

0% - Truck

0% - 4-Axle Articulated Vehicle

or bigger



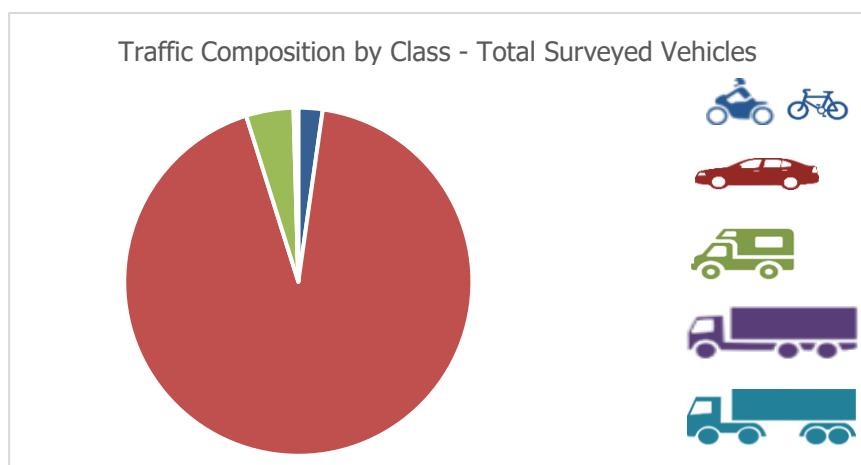
Figure 4: Automatic Traffic Counter Location

Location: The Avenue

Speed Limit: 20 miles per hour

Direction	7-Day Average Speed	7-Day 85th %ile Speed	% of vehicles travelling over posted speed limit (PSL) of 20mph (7-day average)	% of vehicles travelling 10% +2 over PSL (24mph) (7-day average)	% of vehicles 15mph over PSL (35mph) (7-day average)
Northbound	22	25	70.4%	24.2%	0.5%
Southbound	21	24	63.8%	18.1%	0.0%
Combined	21	25	67.6%	21.6%	0.3%

Direction	Weekday Average Total Traffic	7-Day Average Traffic	Weekday Traffic Total
Northbound	2145	1962	13733
Southbound	1622	1462	10237
Combined	3767	3424	23970



- 2% - Bicycle or Motorcycle
- 93% - Car
- 4% - Van
- 0% - Truck
- 0% - 4-Axle Articulated Vehicle or bigger

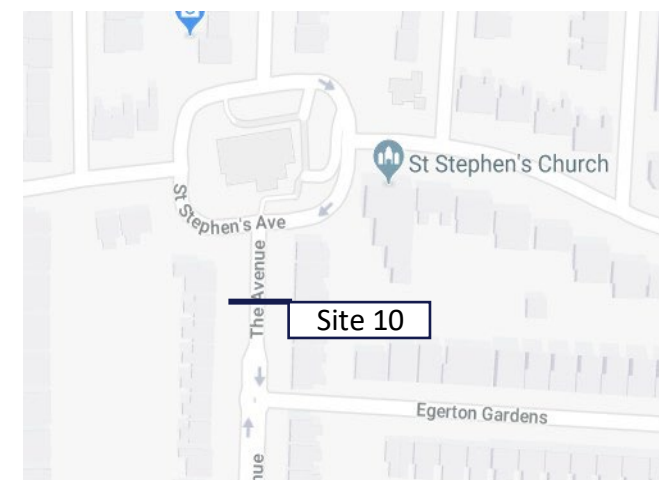


Figure 5: Automatic Traffic Counter Location

Please email HighwayServices@ealing.gov.uk to request additional data from the automatic traffic counters.