

Hi Rebecca,

20mph limit could possibly be suitable for The High Street with additional 'traffic calming' measures at the northern end of the High Street. Sea Street – The results do not comply with implementation of a 20mph limit.

### Nicola Carter (20<sup>th</sup> Oct 2022)

Please see attached the speed survey results for the three surveys carried out in June 2022 over a period of 7 days.

One of the limitations of this type of equipment is that it can generate some anomalies, for example when two vehicles cross the tubes at the same time but in opposite directions. This can 'confuse' the equipment and record what appears to be an exceptionally high speed for a couple of vehicles. The number of instances of this is usually very low and, because average data is used, these anomalies do not distort the data. However, we need to flag this in case people interrogate the raw data and spot these high speeds. The two speed measures that are used are mean (average) speed and 85<sup>th</sup> percentile speed for a virtual week. The latter is the speed at which 85% of vehicles are travelling at or below.

The mean speeds recorded are:

High Street North:

The mean speeds recorded were **24.9mph** (northbound) and **24.1mph** (southbound). As you can see from the summary below the majority of vehicles are complying with the current speed limit.

High Street NORTH (30mph speed limit)							
Direction	Number of Vehicles	Average speed over 7 days	85 percentile speeds	Percentage of vehicles complying with the 30mph speed limit	Percentage of vehicles under enforcement threshold of 35mph	Percentage of vehicles complying with a proposed signed only 20mph speed limit	Percentage of vehicles complying with a proposed signed only 40mph speed limit
N	17335	24.9mph	29.5mph	87% (15083)	97.2% (16850)	12.1% (2090)	99.5% (17249)
S	17267	24.1mph	29.3mph	87.3% (15078)	96.4% (16647)	19.7% (3406)	99.3% (17138)

High Street South:

The mean speeds recorded were **20.5mph** (northbound) and **19.4mph** (southbound). As you can see from the summary below the majority of vehicles are complying with the current speed limit.

High Street SOUTH (30mph speed limit)							
Direction	Number of Vehicles	Average speed over 7 days	85 percentile speeds	Percentage of vehicles complying with the 30mph speed limit	Percentage of vehicles under enforcement threshold of 35mph	Percentage of vehicles complying with a proposed signed only 20mph speed limit	Percentage of vehicles complying with a proposed signed only 40mph speed limit
N	15395	20.5mph	24.7mph	98.3% (15139)	99.8% (15359)	44.6% (6872)	99.9% (15387)
S	15339	19.4mph	23.9mph	98.8% (15157)	99.9% (15319)	54.7% (8390)	100% (15339)

Sea Street:

The mean speeds recorded were **26.8mph** (northbound) and **30mph** (southbound). As you can see from the summary below the majority of vehicles are complying with the current speed limit.

Sea Street (30mph speed limit)							
Direction	Number of Vehicles	Average speed over 7 days	85 percentile speeds	Percentage of vehicles complying with the 30mph speed limit	Percentage of vehicles under enforcement threshold of 35mph	Percentage of vehicles complying with a proposed signed only 20mph speed limit	Percentage of vehicles complying with a proposed signed only 40mph speed limit
N	10020	26.8mph	33.4mph	68.8% (6895)	90.3% (9053)	15% (1503)	98% (9821)
S	10120	30mph	35.3mph	49.1% (4968)	83.9% (8491)	4% (406)	97% (9815)

1 & 2. As you can see from the results that the majority of vehicles are complying with the current speed limit and the percentage of vehicles that would comply with the proposed 20mph speed limit are very low.

**Nicola Carter**

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