



Havering

LONDON BOROUGH

Cleaner, Safer, Prouder *Together*

www.havering.gov.uk

Traffic and Safety Schemes Update 2021_22.

Appendix B

**Killed or Seriously Injured (KSIs) Road Traffic Accidents and
Traffic Speed Data Comparisons**

Highways, Traffic and Parking receives funding in several ways. The Local Implementation Plan (LIP) money is allocated by the Department for Transport (DfT) to the London boroughs, via TFL, to spend on projects that support the Mayor's Transport Strategy. Financial support is provided for schemes to improve transport networks such as principal road maintenance, school streets, moving traffic contraventions, bridge strengthening, neighbourhoods and supporting measures, traffic signal modernisation for sites on borough roads and major schemes.

At the EOSSC on 21st July 2021 it was agreed that officers would present details of the traffic and safety schemes which had been implemented in the last five years to ascertain their success and details of this are provided in this Appendix B document.

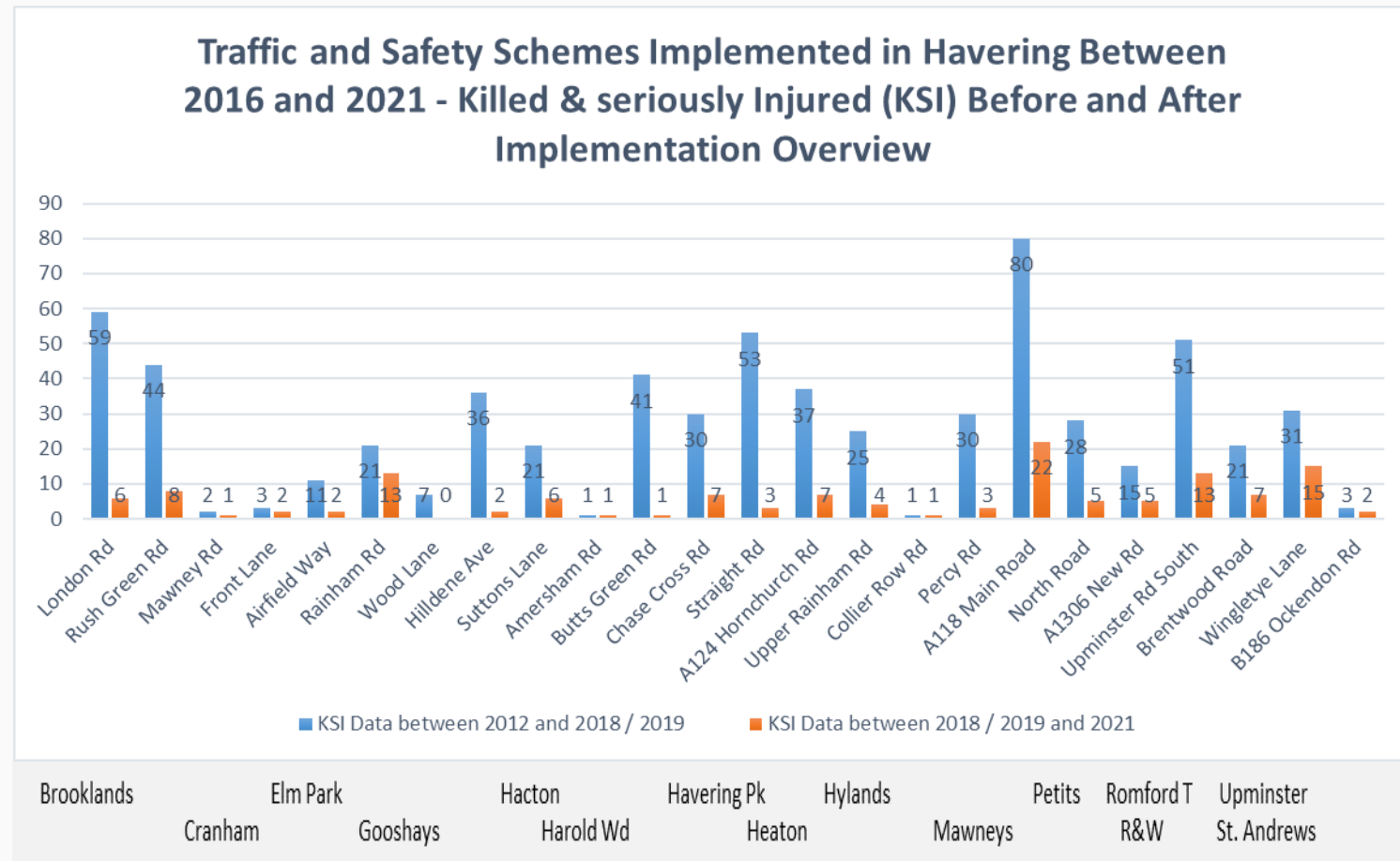
The delivery of Havering's casualty reduction programme can be seen in TfL's Traffic Accident Diary System (TADS) data which shows KSI levels before and after a scheme has been implemented. The table below provides details of schemes which have been delivered through Havering's LIP programme on roads which all have a posted speed limit of 30mph.

The implementation of various traffic and safety schemes have shown significant benefits regarding the safety of the road network, and they have resulted in a notable reduction in both speeds and KSIs and the following four slides provide more details of these results.

Accident trends tend to be quite fluid and officers undertaking feasibility works would look at five-year averages. The table below confirms that in addition to the reduction in KSIs the average driver speed has in the majority of cases reduced. However, in reality one incident can make both speeds and accident data appear to be higher than they actually are.

Since 2016 there has been a significant decrease in accidents on our Havering roads compared to projects from trends prior to the safety interventions being introduced. A more detailed overview of the before and after KSI and speed data (where available) for schemes implemented since financial year 2015/2016 is provided in the following slides.

The below table provides before and after KSI data for schemes implemented in Havering since financial year 2015/2016.



KSI and speed data for schemes implemented since financial year 2015/2016

The following slides give a more detailed overview by ward of the before and after KSI and speed data (where available) for schemes implemented since financial year 2015/2016.

Brooklands Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Brooklands	London Rd Eastbound	29.4	28.3	33.1	31.7	59.0	6.0
	London Rd Westbound	29.0	27.6	33.3	31.1		
	Rush Green Rd Eastbound	24.9	22.6	29.5	27.0	44.0	8.0
	Rush Green Rd Westbound	26.6	24.5	30.6	28.1		
	Mawney Rd Eastbound	26.5	24.2	30.6	29.4	2.0	1.0
	Mawney Rd Westbound	26.9	25.1	32.0	29.6		

Cranham Ward - Speed and KSI Data for Traffic Safety

Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Cranham	Front Lane Northbound	27.7	26.4	33.2	30.8	3.0	2.0
	Front Lane Southbound	28.9	28.2	33.6	32.8		

Elm Park Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Elm Park	Airfield Way Northbound	30.5	29.1	34.7	33.3	11.0	2.0
	Airfield Way Southbound	29.9	29.4	33.6	34.2		
	Rainham Rd Northbound	24.0	28.3	29.1	31.8	21.0	13.0
	Rainham Rd Southbound	27.3	27.3	31.3	30.9		
	Wood Lane Eastbound	25.3	23.1	29.1	27.7	7.0	0.0
	Wood Lane Westbound	27.1	24.1	31.5	27.9		

Gooshays Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Gooshays	Hilldene Ave Eastbound	28.1	23.4	32.7	28.7	36.0	2.0
	Hilldene Ave Westbound	27.9	25.2	32.4	29.4		

Hacton Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Hacton	Suttons Lane Northbound	26.8	27.9	31.1	32.6	21.0	6.0
	Suttons Lane Southbound	28.5	28.7	32.9	33.5		

Harold Wood Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Harold Wood	Amersham Rd Northbound	19.6	23.4	25.1	28.7	1.0	1.0
	Amersham Rd Southbound	20.1	25.2	25.3	29.4		
	Butts Green Rd Northbound	21.7	27.9	26.8	32.6	41.0	1.0
	Butts Green Rd Southbound	19.7	28.7	26.6	33.5		

Havering Park Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Havering Park	Chase Cross Rd Eastbound	31.3	23.7	35.3	27.6	30.0	7.0
	Chase Cross Rd Westbound	30.2	21.5	34.4	27.1		

Heaton Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Heaton	Straight Rd Northbound	29.2	28.1	33.6	33.2	53.0	3.0
	Straight Rd Southbound	28.7	26.8	33.6	31.9		

Hylands Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Hylands	A124 Hornchurch Rd Northbound	26.5	26.6	31.8	31.6	37.0	7.0
	A124 Hornchurch Rd Southbound	27.4	27.2	34.2	32.7		
	Upper Rainham Rd Northbound	25.9	22.0	30.2	26.5	25.0	4.0
	Upper Rainham Rd Southbound	27.6	23.3	31.8	28.4		

Mawneys Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Mawneys	Collier Row Rd Eastbound	22.4	24.3	29.3	29.4	1.0	1.0
	Collier Row Rd Westbound	22.7	25.3	27.5	29.8		
	Percy Rd Eastbound	26.8	17.3	33.3	21.3	30.0	3.0
	Percy Rd Westbound	27.7	16.9	34.0	22.2		

Pettits Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Pettits	A118 Main Road Eastbound	26.2	24.1	31.8	29.7	80.0	22.0
	A118 Main Road Westbound	22.6	23.9	30.2	30.0		
	North Road Northbound	31.5	23.4	38.7	30.0	28.0	5.0
	North Road Southbound	29.1	26.1	39.1	31.4		

Rainham and Wennington Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Rainham and Wennington	A1306 New Rd Eastbound	23.6	24.5	28.2	31.0	15.0	5.0
	A1306 New Rd Westbound	22.2	22.4	28.4	28.9		
	Upminster Rd South Eastbound	27.3	19.7	32.0	23.7	21.0	7.0
	Upminster Rd South Westbound	26.9	19.1	31.8	24.1		

Romford Town Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Romford Town	Brentwood Road Eastbound	24.0	28.6	30.0	33.8	51.0	13.0
	Brentwood Road Westbound	22.5	29.7	29.1	34.6		

St. Andrews Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
St. Andrews Ward	Wingletye Lane Northbound	24.0	28.6	30.0	33.8	31.0	15.0
	Wingletye Lane Southbound	22.5	29.7	29.1	34.6		

Upminster Ward - Speed and KSI Data for Traffic Safety Schemes implemented between 2016 to 2021

Ward	Location	Mean Speeds between 2012 and 2018 / 2019	Mean Speeds between 2018 / 2019 and 2021	85th %ile Speeds between 2012 and 2018 / 2019	85th %ile between 2018 / 2019 and 2021	KSI Data between 2012 and 2018 / 2019	KSI Data between 2018 / 2019 and 2021
Upminster	B186 Ockendon Rd Eastbound	38.4	25.7	44.5	32.8	3.0	2.0
	B186 Ockendon Rd Westbound	41.3	33.1	47.9	38.0		