

VAS Data Analysis October 2024

This report presents an analysis of the data downloaded from the six Vehicle Activation Signs located on Church End (CE) **30mph**, Church Hill (CH) **40mph**, Oldways Road, (OR) **40mph**, Kimbolton Road (KR) **30mph**, outside Wayside Farm Park (WFP) **30mph** and on Butler Street (BS) **40mph**.

Please note: the VAS on Oldways Road is currently undergoing repairs, so no data from this machine has been recorded for October.

As per previous reports, the previous month's data is tabulated alongside the most recent data download, for comparison.

In = vehicles approaching VAS from direction flashing sign is pointed. Out = vehicles passing VAS from other direction.

September 2024						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	6005	5764	241	4.0	44	1pm
CE-Out	5384	5209	175	3.3	59	12pm
CH- In	13093	11395	1698	13.0	85	8.30pm
CH-Out	12577	10907	1670	14.1	89	7pm
OR-In	49282	43600	5682	11.5	89	10pm
OR-Out	41802	28727	13075	31.3	94	3.30pm
KR-In	17871	10878	6993	39.3	71	9am
KR-Out	18136	6734	11402	62.9	88	5.30pm
WFP-In	45955	34161	11794	25.7	78	6.30am
WFP-Out	64705	22227	42478	65.7	102	8am
BS-In	58607	53082	5525	9.4	71	5.30pm
BS-Out	64485	56449	8036	12.5	80	1pm

October 2024						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	5459	5266	193	3.5	43	10pm
CE-Out	5297	5040	257	4.9	51	8pm
CH- In	12800	11302	1498	11.7	73	6.30pm
CH-Out	12513	10856	1657	13.2	89	6pm
OR-In	NOT IN OPERATION					
OR-Out						
KR-In	26031	16900	9131	35.1	77	9.30pm
KR-Out	21673	8231	13442	62.0	94	4.30pm
WFP-In	34042	24855	9187	27.0	77	11am
WFP-Out	50143	17606	32537	64.9	93	10.30am
BS-In	57012	51729	5283	9.3	81	10pm
BS-Out	62839	55528	7311	11.3	118	1.30pm

Observations: The **volume** of traffic along Bedford Road has decreased due to the closure of Cleat Hill (from 19th October) but increased along Kimbolton Road. The **percentage** of vehicles speeding remains remarkably consistent. As always, there have been excessive and dangerous speeds captured by the VAS, with one vehicle reaching a speed of **118mph** along Butler Street, logged at 1.30pm.

Graphs: The data analysis is presented in four graphs:

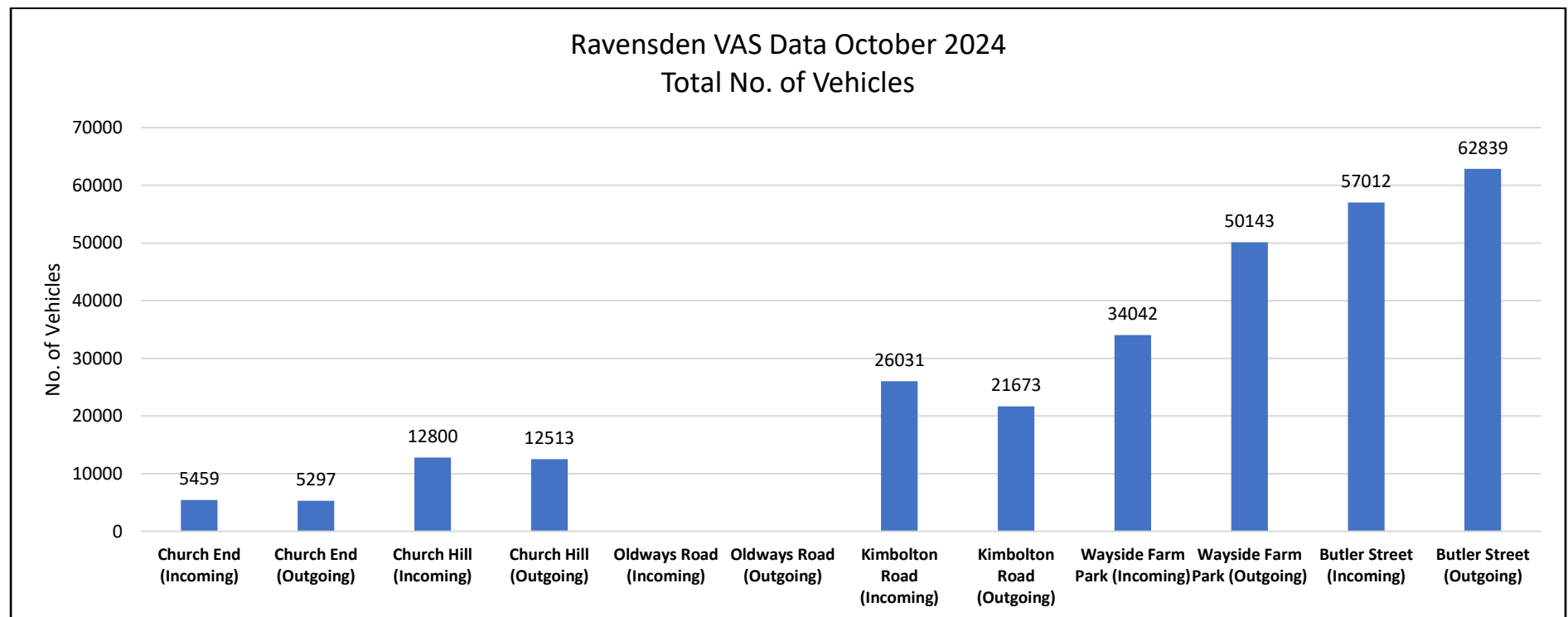
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

Graph 2 displays the maximum speeds and corresponding times recorded at each site.

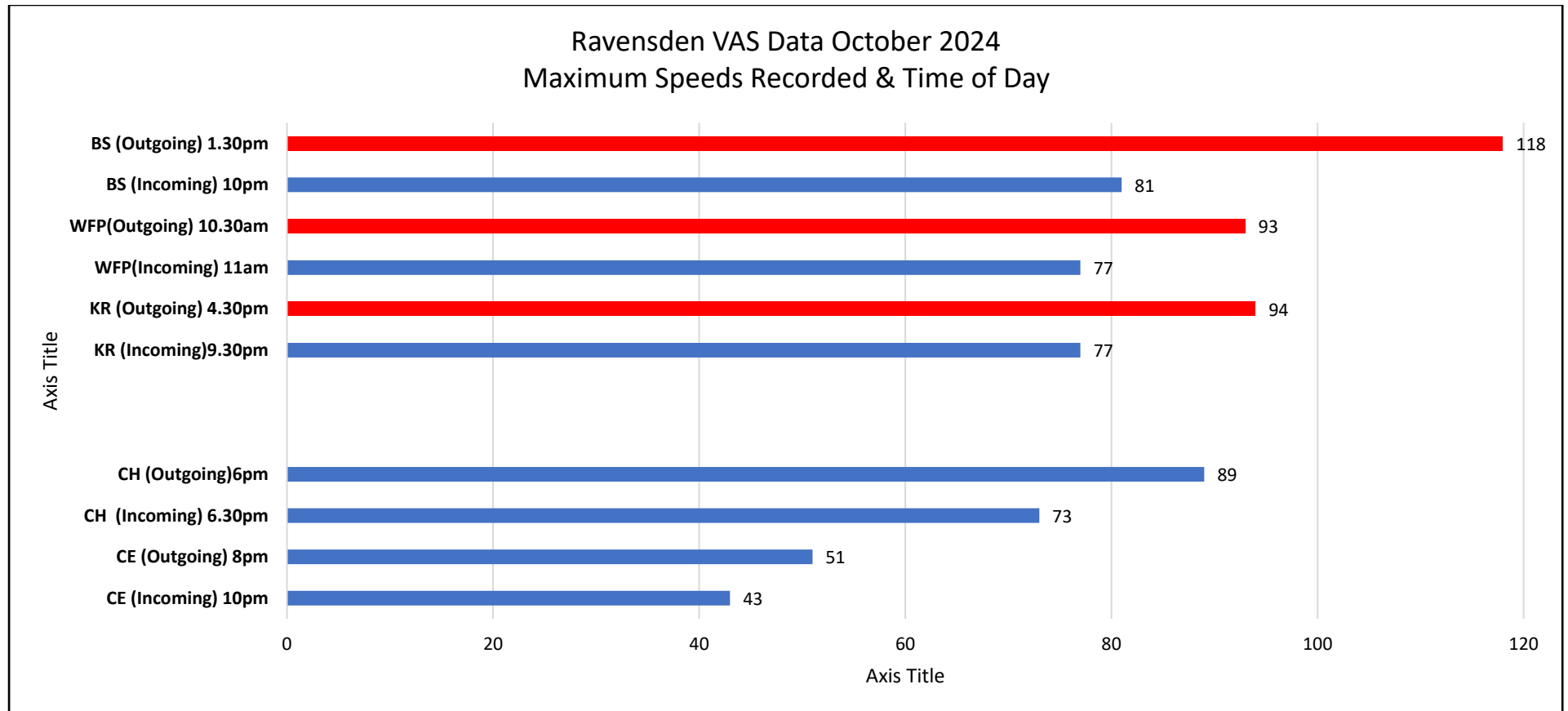
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

Graphs 4a & 4b presents the aggregated (bi-directional) VAS data for each of the six sites. September data is included for comparison.

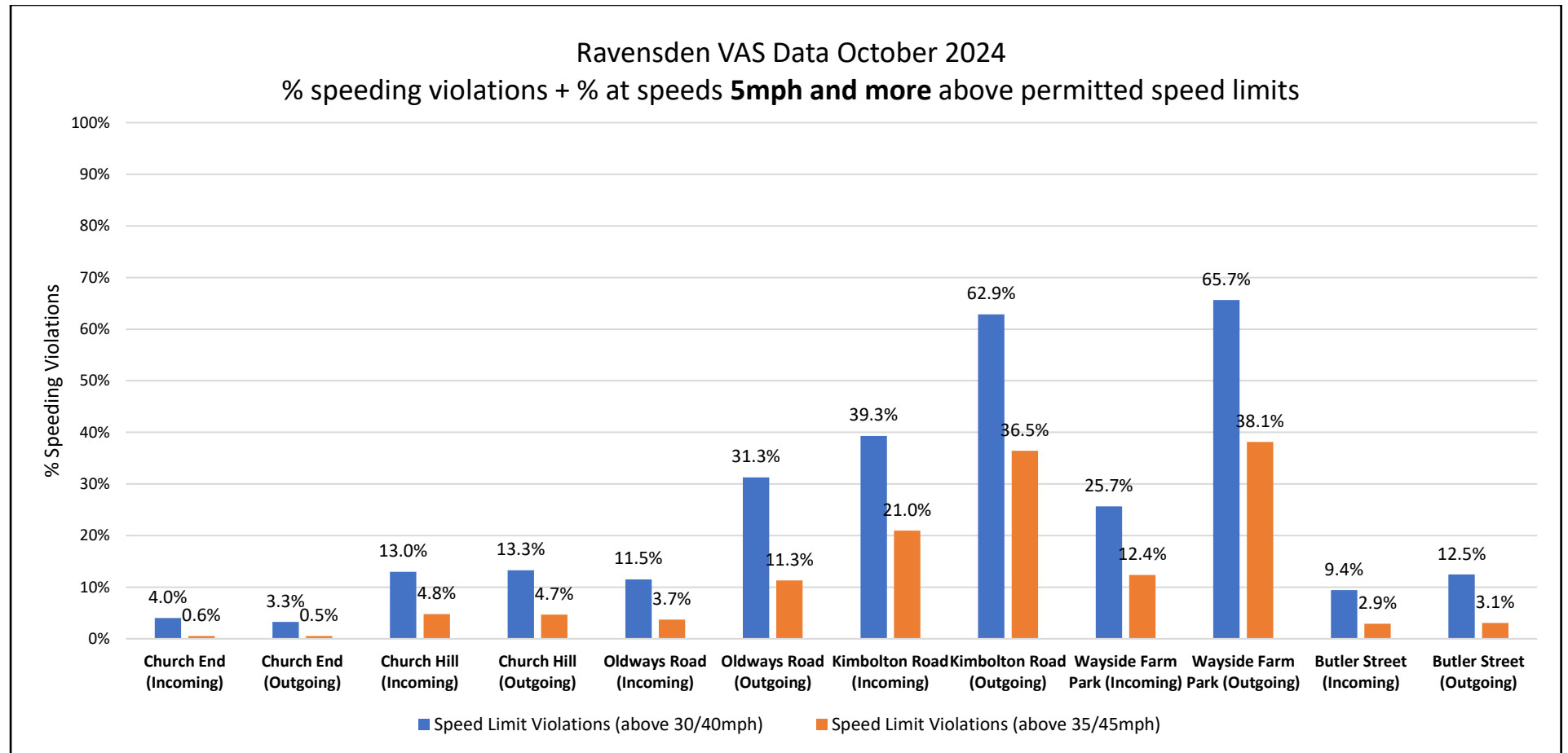
Graph 1



Graph 1



Graph 2



Graph 3a & 4b

