

VAS Data Analysis September 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**.

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.

August 2024							September 2024						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day	Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	6117	5836	281	4.6	44	8.30pm	CE-In	6005	5764	241	4.0	44	1pm
CE-Out	5569	5283	286	5.1	54	11am	CE-Out	5384	5209	175	3.3	59	12pm
CH- In	11744	10232	1512	12.9	80	11pm	CH- In	13093	11395	1698	13.0	85	8.30pm
CH-Out	11108	9547	1561	14.1	81	11am	CH-Out	12577	10907	1670	14.1	89	7pm
OR-In	46597	40997	5600	12.0	105	10.30am	OR-In	49282	43600	5682	11.5	89	10pm
OR-Out	40312	28029	12283	30.5	81	4pm	OR-Out	41802	28727	13075	31.3	94	3.30pm
KR-In	18247	11082	7165	39.3	74	3pm	KR-In	17871	10878	6993	39.3	71	9am
KR-Out	19231	3796	15435	61.5	91	6.30am	KR-Out	18136	6734	11402	62.9	88	5.30pm
WFP-In	40493	28637	11856	29.3	80	9.30pm	WFP-In	45955	34161	11794	25.7	78	6.30am
WFP-Out	57048	20108	36940	64.8	119	4pm	WFP-Out	64705	22227	42478	65.7	102	8am
BS-In	53157	46878	6279	11.8	79	10am	BS-In	58607	53082	5525	9.4	71	5.30pm
BS-Out	61287	51730	9557	15.6	84	3pm	BS-Out	64485	56449	8036	12.5	80	1pm

Observations: The volume of traffic has increased during September (see graphs 4a & 4b) but the percentage of vehicles speeding is fairly consistent with August data. As always, the excessive speeds captured by the VAS is concerning, particularly considering the time of day these speeds were logged.

Graphs: The data analysis is presented in four graphs:

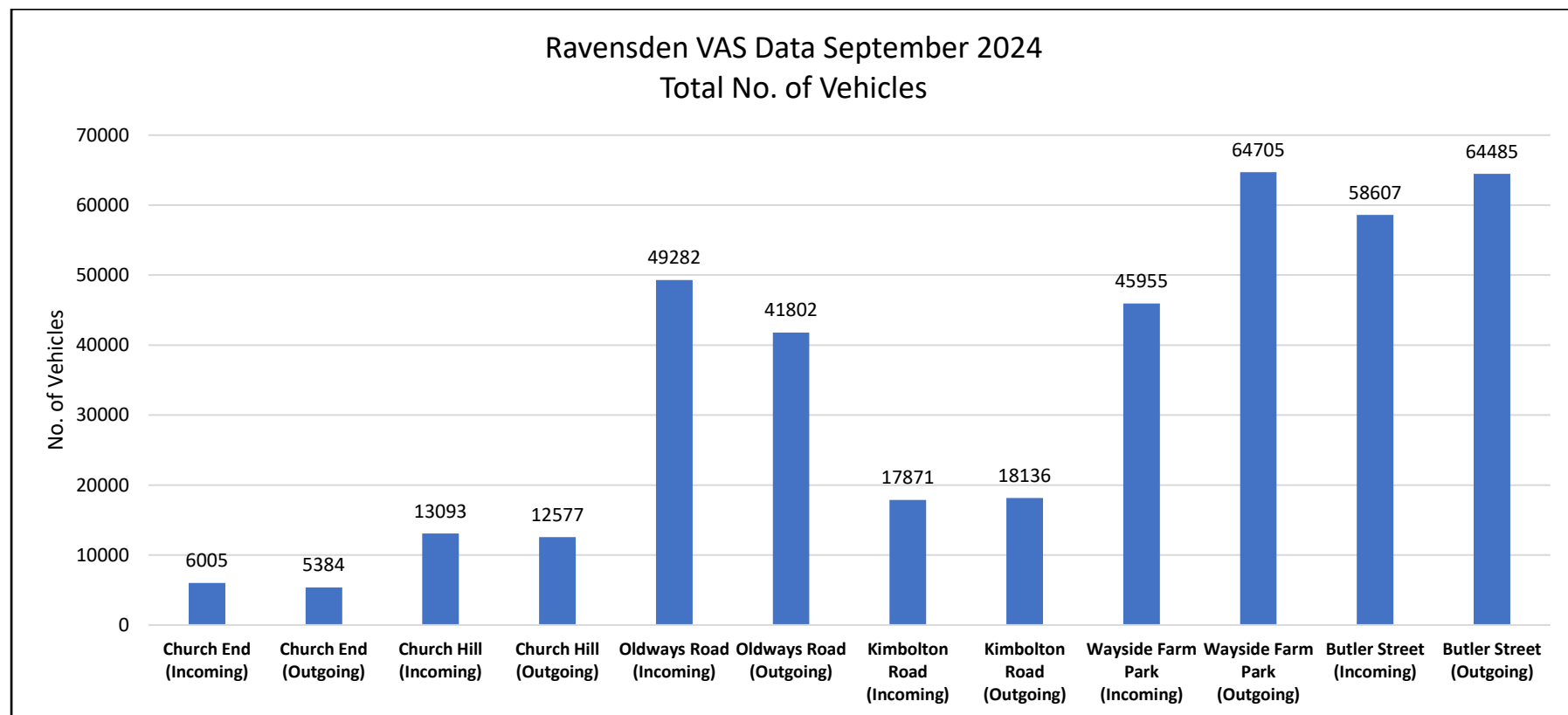
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

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

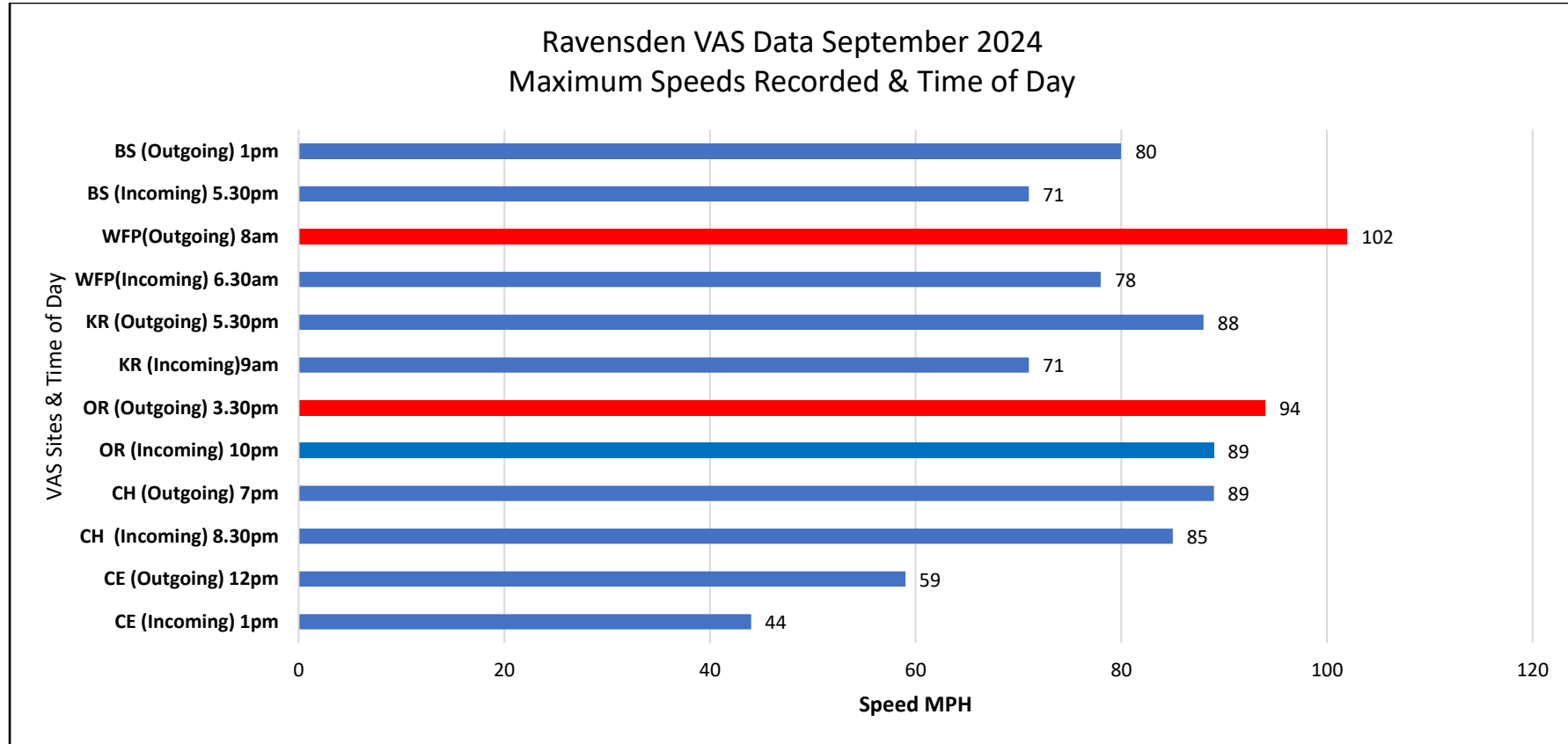
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

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

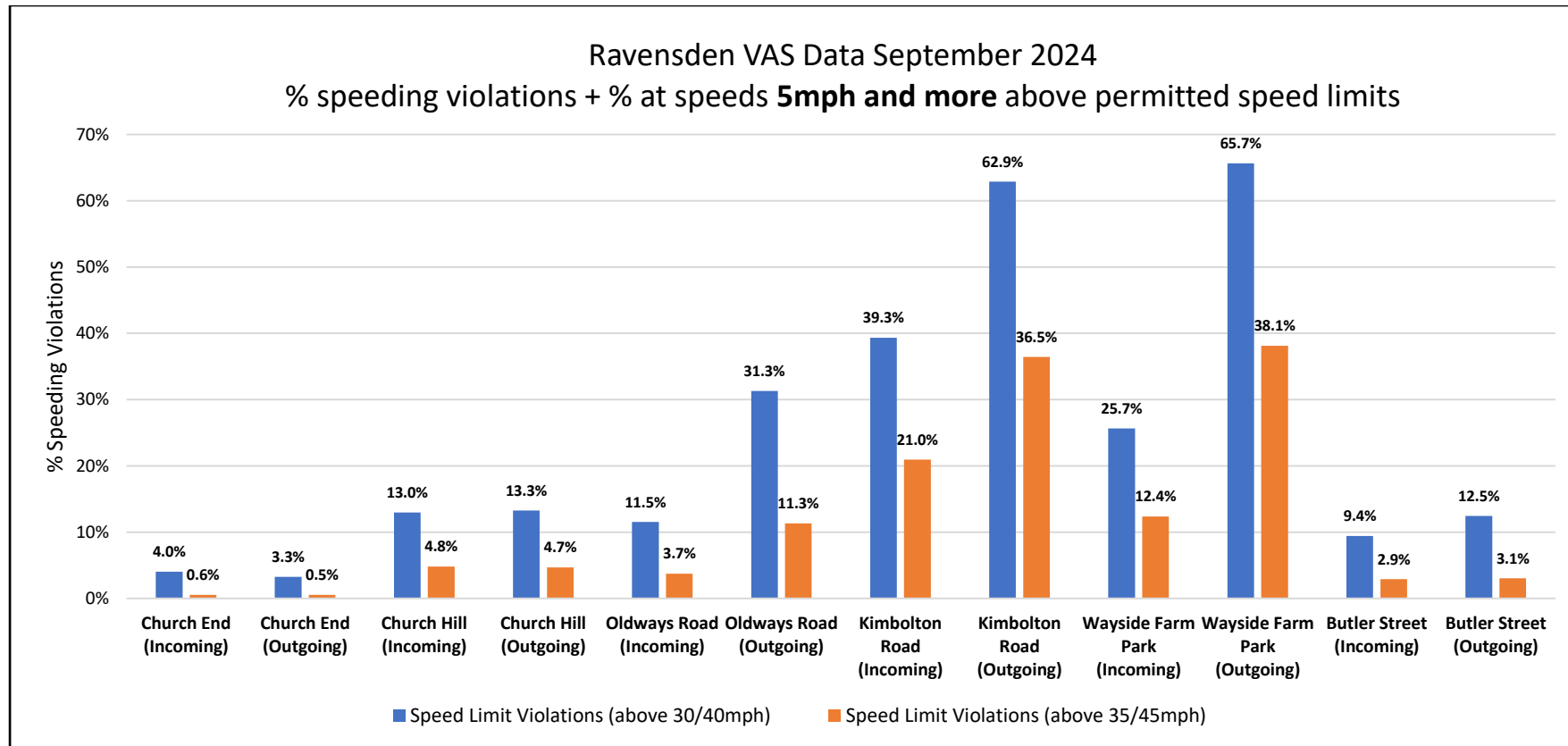
Graph 1



Graph 1



Graph 2



Graph 3a & 4b

