

VAS Data Analysis March 2025

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.

February 2025						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	4418	4224	194	4.4	46	8am
CE-Out	4095	3951	144	3.5	45	10.30pm
CH- In	11024	9715	1309	11.9	76	16.30pm
CH-Out	10712	9210	1502	14.0	82	6pm
OR-In	45068	40500	4568	10.1	89	9pm
OR-Out	38599	28199	10400	26.9	81	6.30pm
KR-In	31330	19762	11568	36.3	70	8.30pm
KR-Out	29040	8878	20162	69.4	85	10pm
WFP-In	40405	29777	10628	26.3	75	16.30pm
WFP-Out	61102	21874	39228	64.2	80	10.30am
BS-In	47414	42837	4577	9.7	78	7pm
BS-Out	50874	45112	5762	11.3	89	1am

March 2025						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	5241	5045	196	3.7	47	8.30pm
CE-Out	4802	4671	131	2.7	43	7pm
CH- In	13151	11564	1587	12.1	78	3pm
CH-Out	12713	11027	1686	13.3	88	5pm
OR-In	52097	46807	5290	10.2	89	10am
OR-Out	45053	32502	12551	27.9	89	2pm
KR-In	37308	23474	13834	37.1	81	5.30pm
KR-Out	34767	11824	22943	67.5	94	10.30pm
WFP-In	48096	37054	11042	23.0	74	10pm
WFP-Out	70791	28053	42738	60.4	100	6pm
BS-In	54996	49110	5886	10.7	81	4pm
BS-Out	57899	50709	7190	12.4	115	3.30pm

Observations: Traffic volume increased during March; however, the percentage of vehicles exceeding the speed limit remained fairly consistent. The extremely high speeds recorded on certain routes are particularly concerning, especially given the times of day at which these speeds were logged.

Over the past 12 months, slightly more than **4.6** million vehicles have been recorded travelling on Ravensden roads. Of these, approximately **1.3** million were exceeding the permitted speed limits.

Graphs: The data analysis is presented in four graphs:

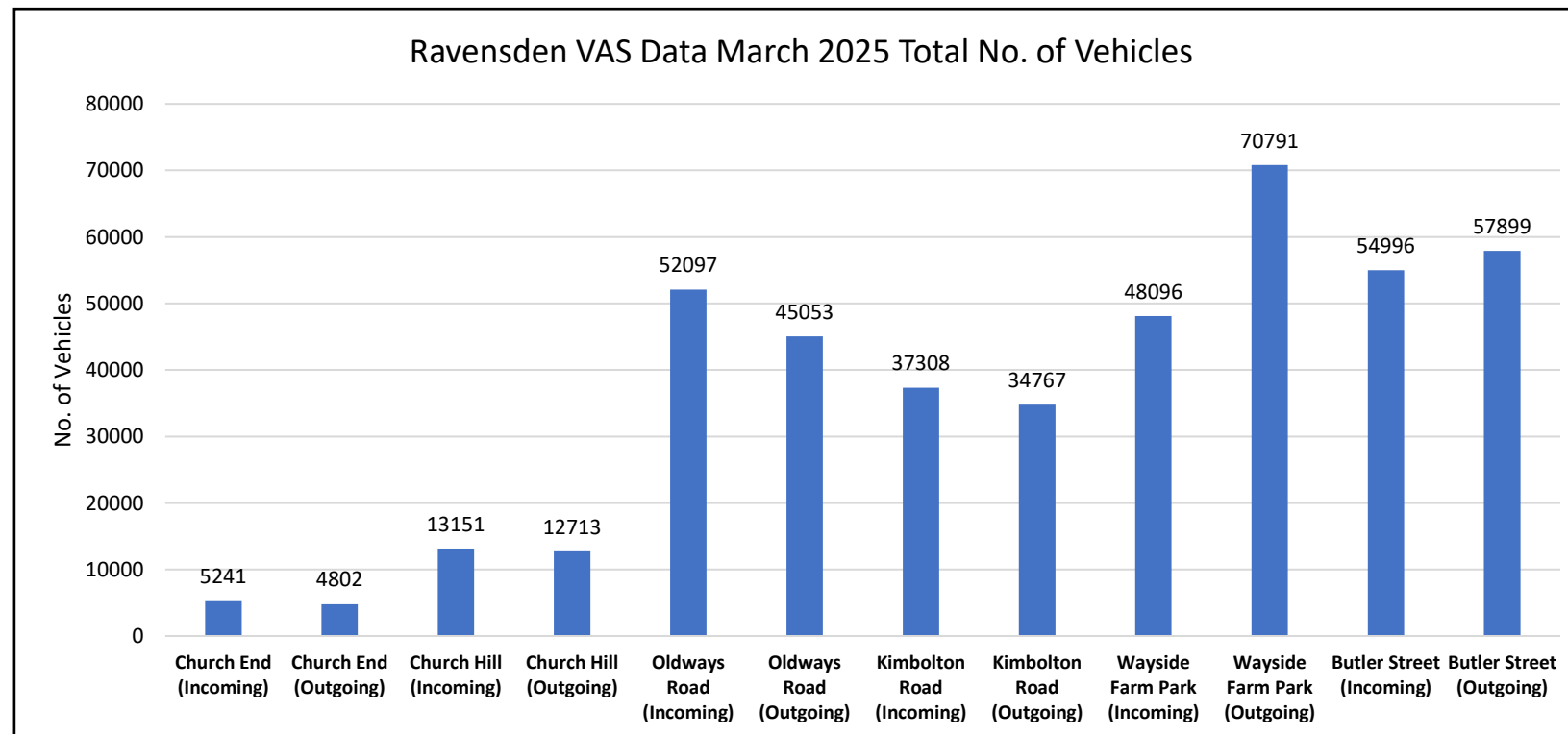
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

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

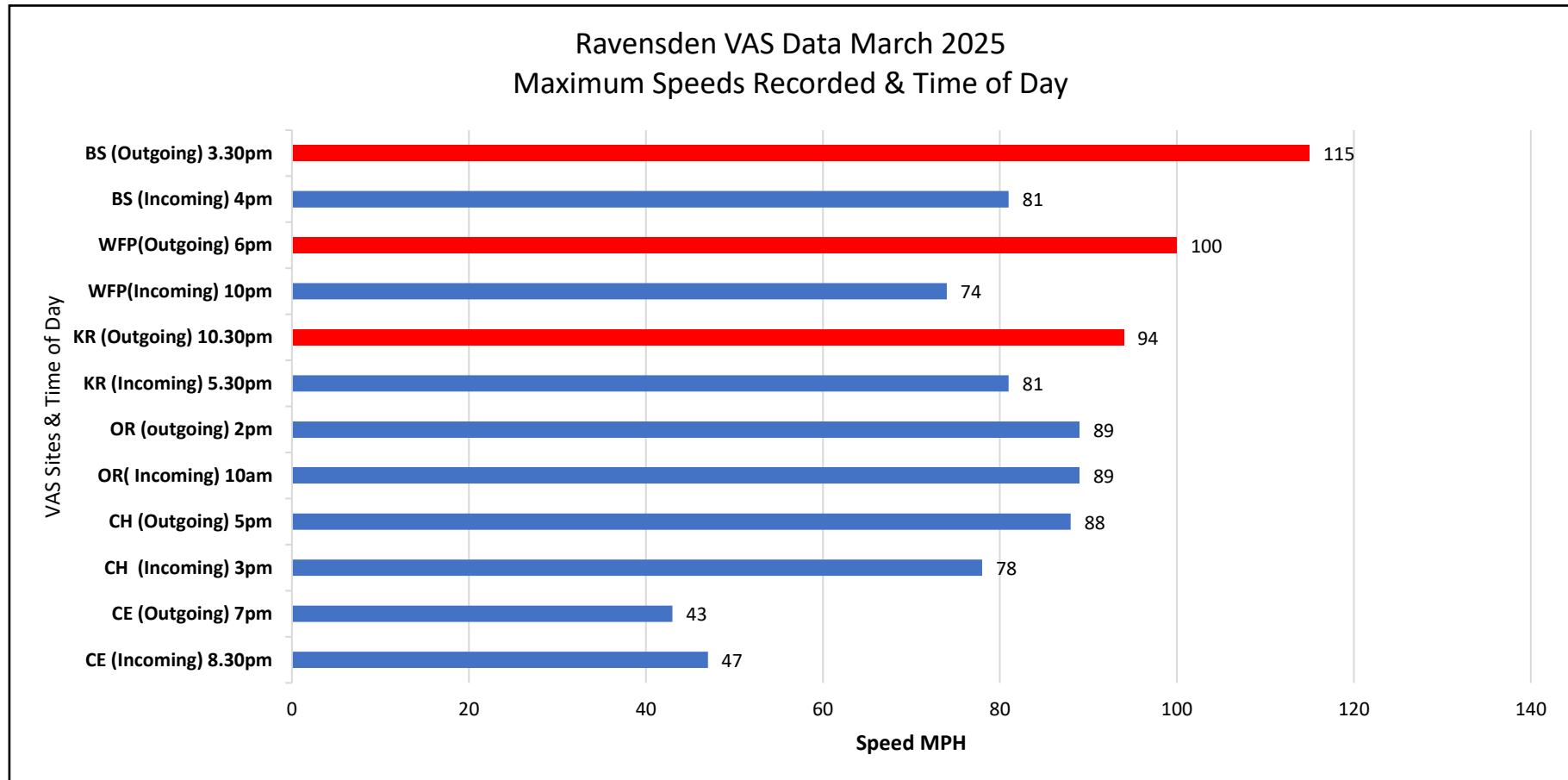
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

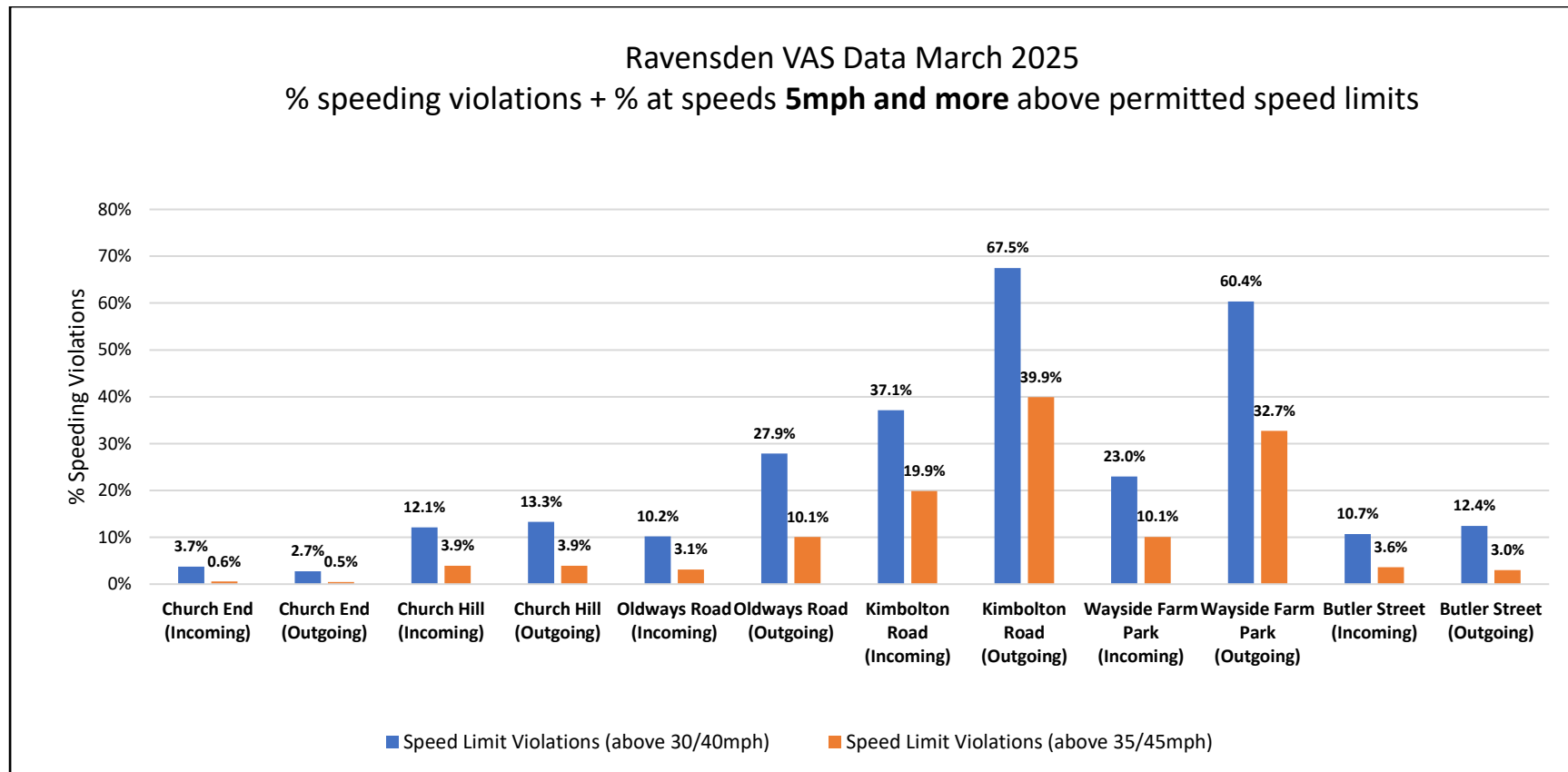
Graphs 4a & 4b presents the aggregated (bi-directional) VAS data for each of the six sites. February data is included for comparison.

Graph 1

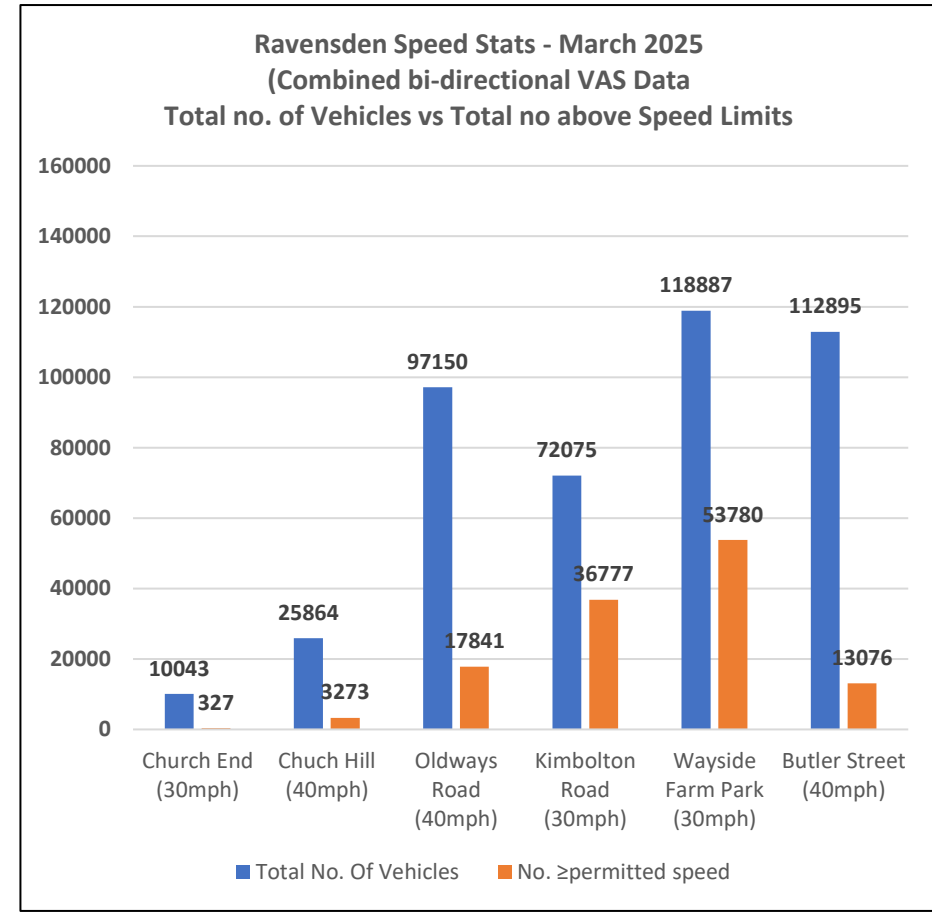
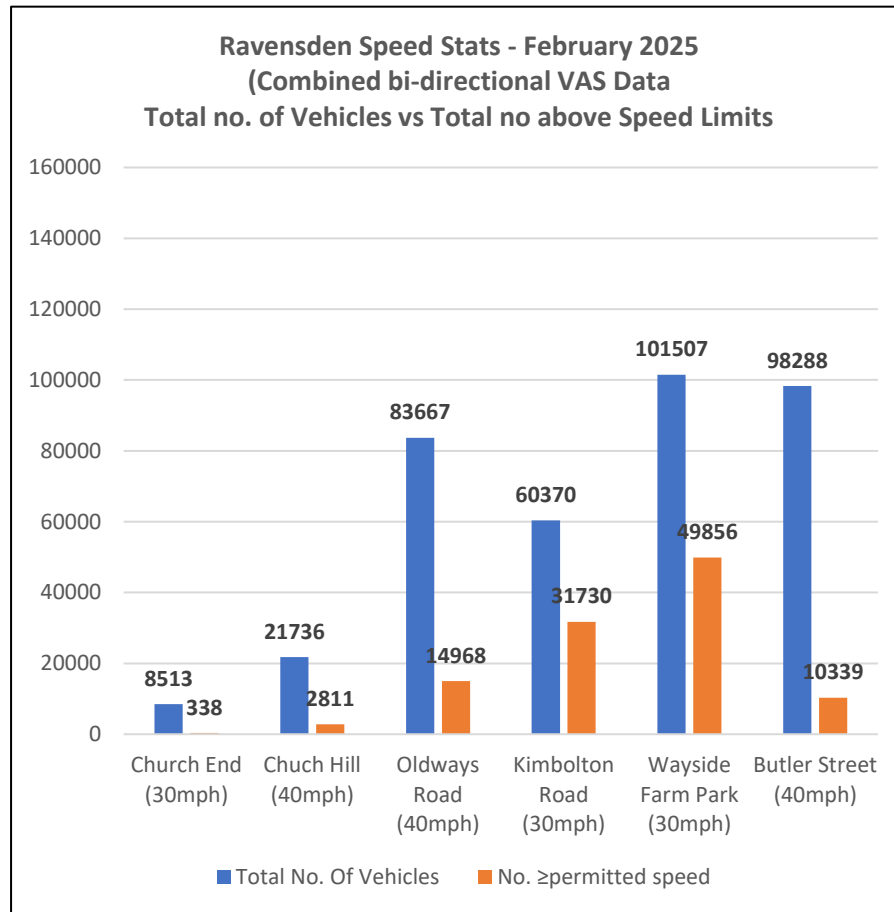


Graph 1





Graph 2



Graphs 3a & 4b