

VAS Data Analysis February 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.

January 2025						
Site	Total No. of Vehicles	No. ≤ Permitted speed	No. ≥ Permitted speed	Speed violations % ≥ Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	4986	4824	162	3.3	40	9.30pm
CE-Out	4879	4711	168	3.4	49	7pm
CH- In	12813	11509	1304	10.1	73	11.30pm
CH-Out	12618	10964	1654	13.1	80	12pm
OR-In	51017	47984	3033	8.7	89	1am
OR-Out	44517	37643	6874	23.2	78	12pm
KR-In	34953	22982	11971	34.3	83	8pm
KR-Out	31375	10021	21354	68.1	88	6.30pm
WFP-In	44795	33433	11362	25.4	82	2.30pm
WFP-Out	68984	26101	42883	62.2	98	8.30pm
BS-In	51559	47432	4127	8.1	71	7.30pm
BS-Out	57444	52032	5412	9.4	107	9am

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

Observations: Traffic volume decreased in February, likely due to half-term. However, the percentage of vehicles speeding increased slightly across all routes.

Graphs: The data analysis is presented in four graphs:

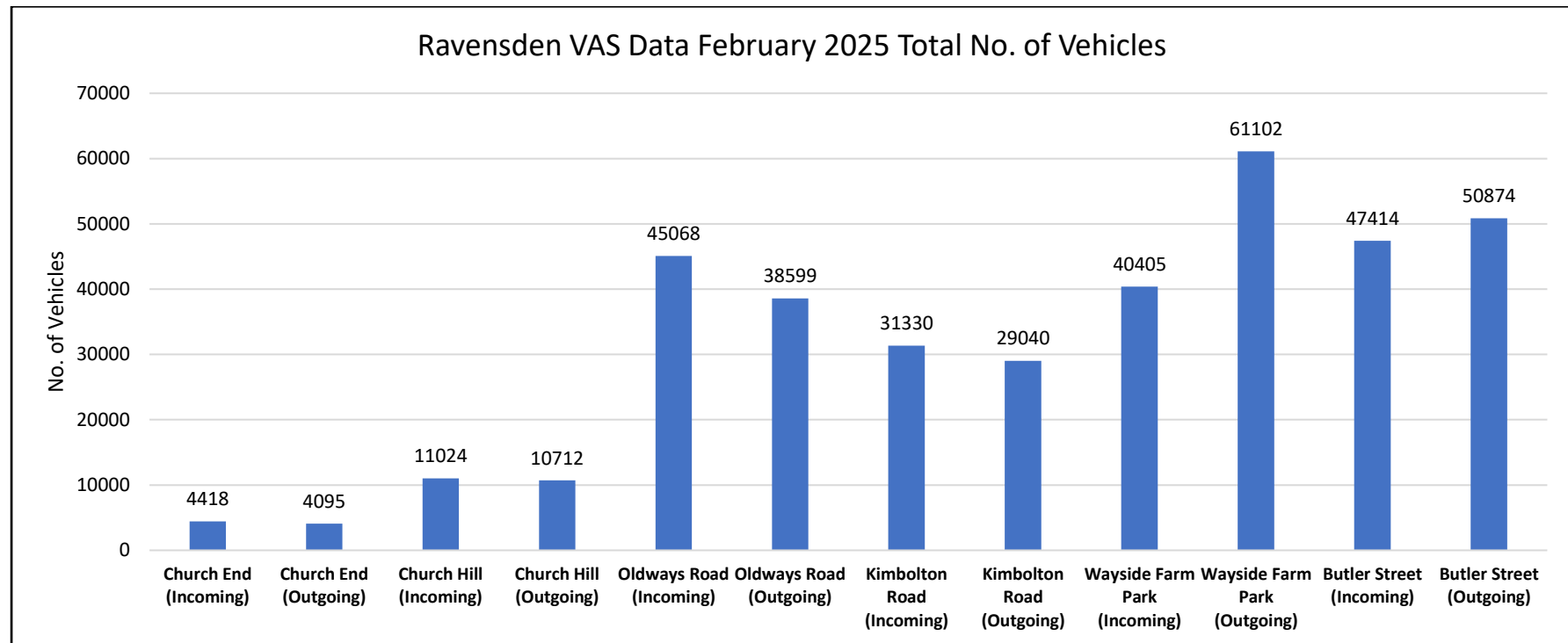
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

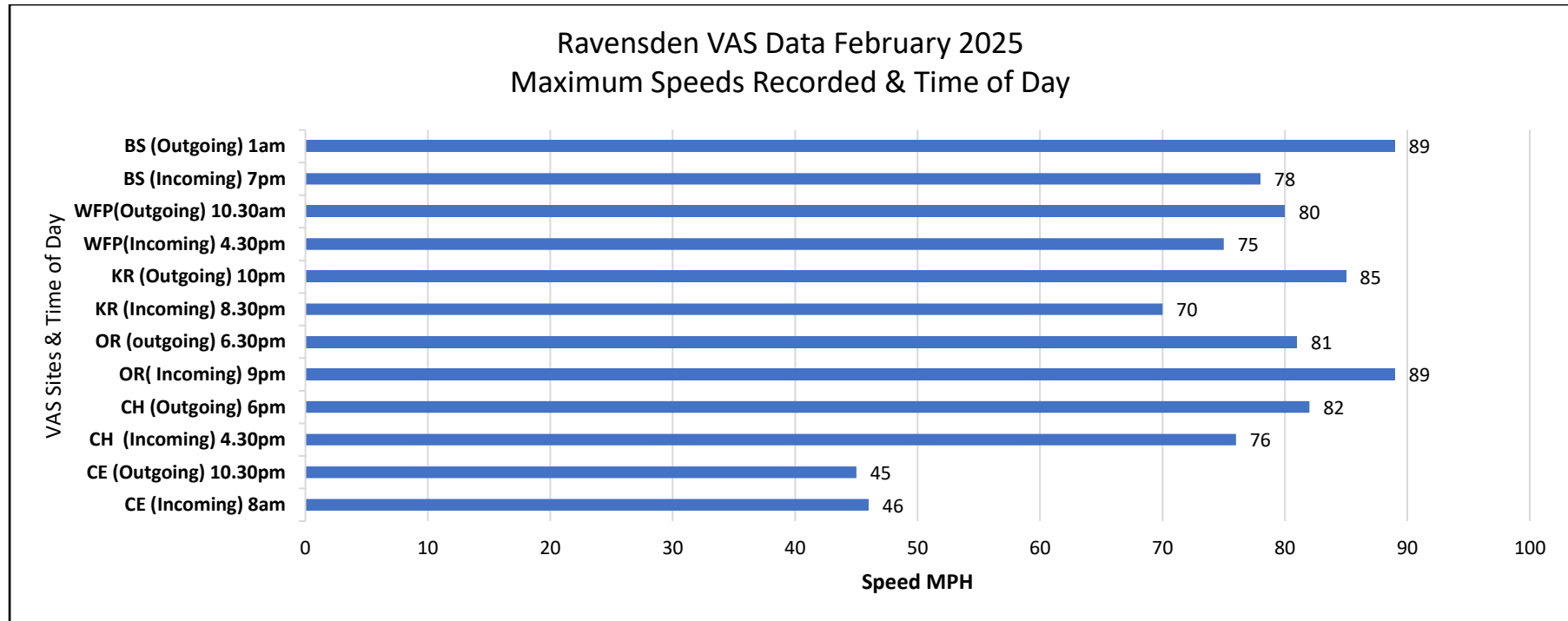
Graph 2 displays the maximum speeds and corresponding times recorded at each site.

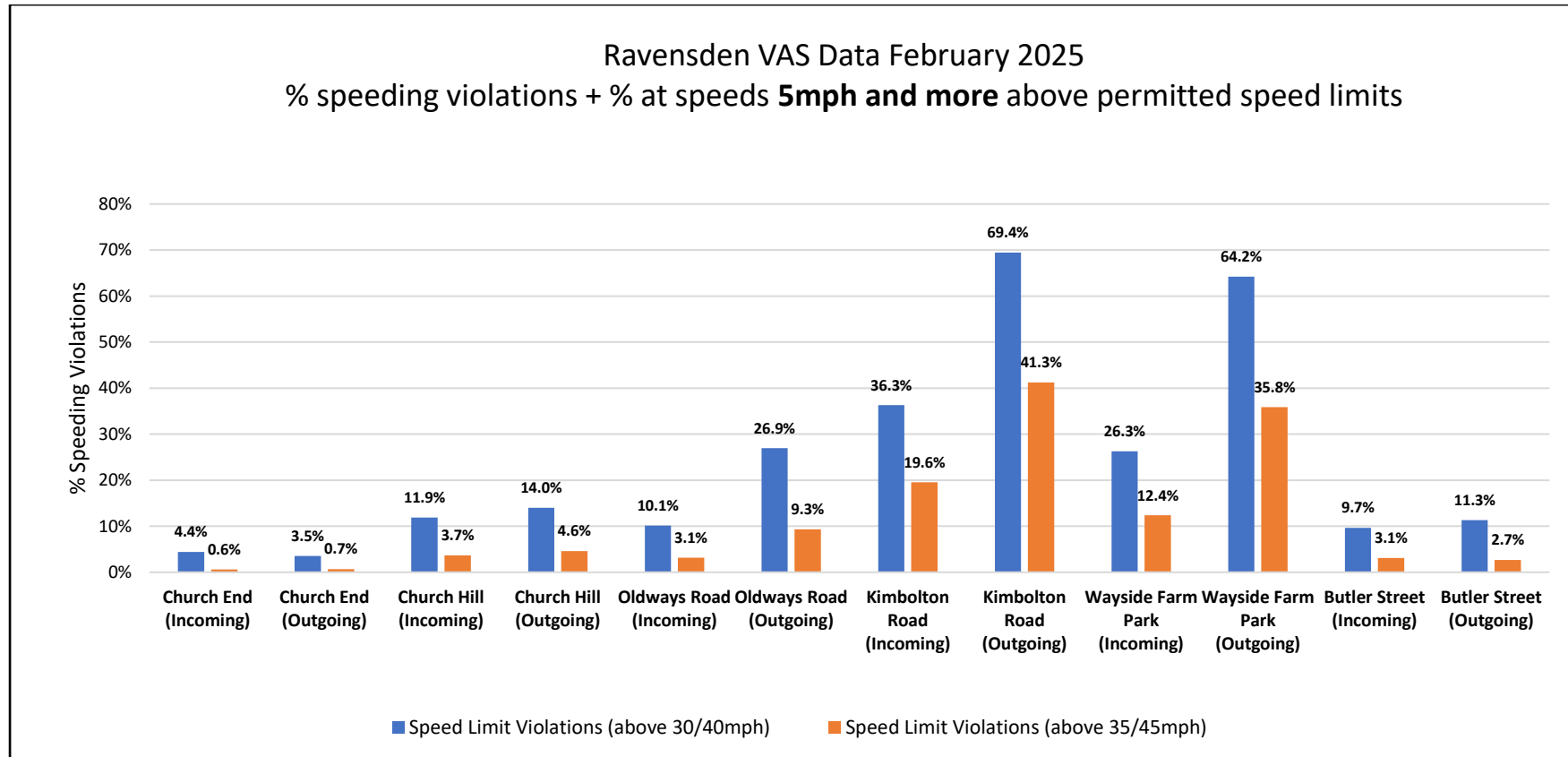
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

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

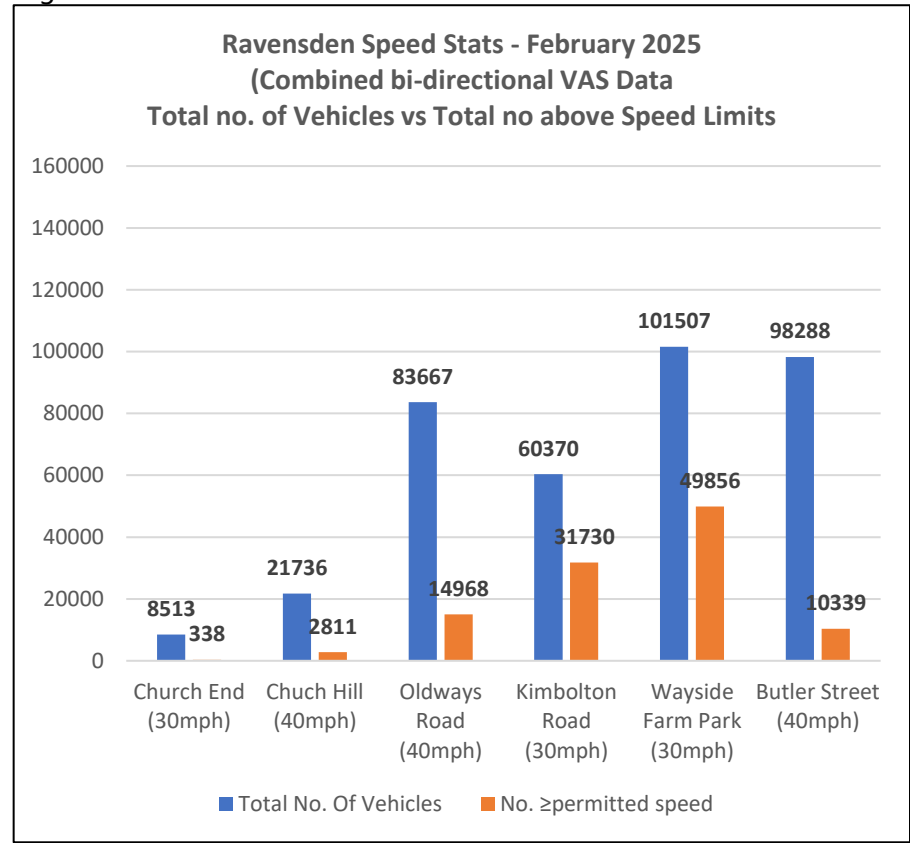
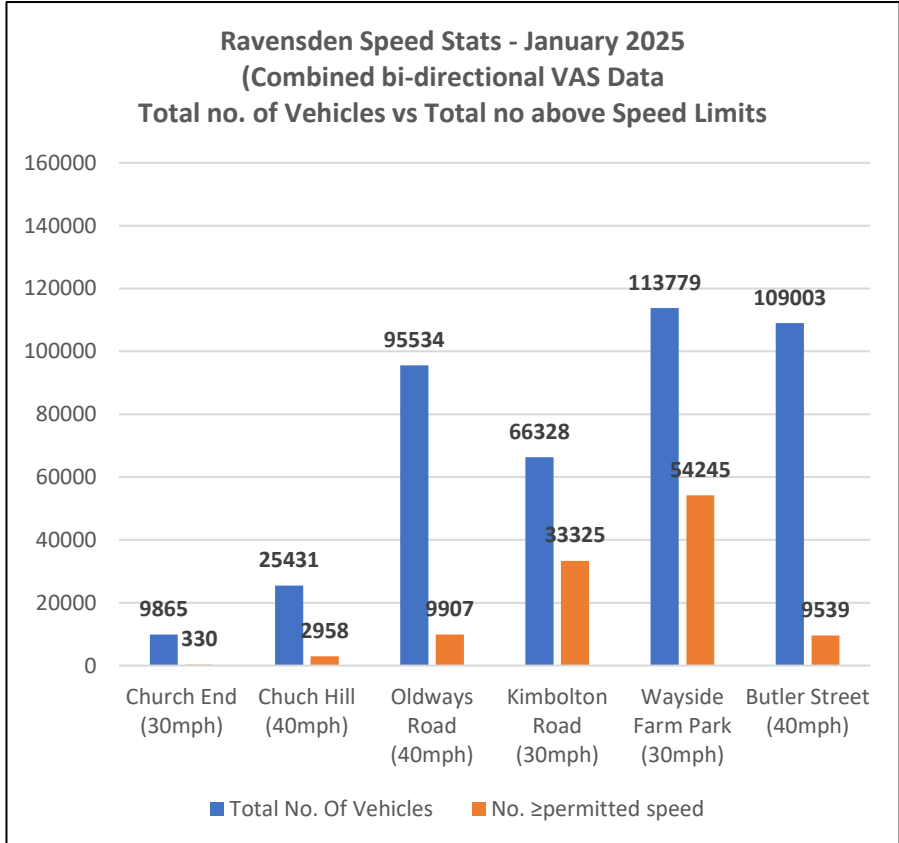
Graph 1



*Graph 1*



Graph 2



Graph 3a & 4b