

VAS Data Analysis January 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.

December 2024							January 2025						
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	4814	4640	174	3.6	53	8pm	CE-In	4986	4824	162	3.3	40	9.30pm
CE-Out	4589	4422	167	3.6	48	8pm	CE-Out	4879	4711	168	3.4	49	7pm
CH- In	11470	10237	1233	10.8	79	8pm	CH- In	12813	11509	1304	10.1	73	11.30pm
CH-Out	11109	9710	1399	12.6	74	3pm	CH-Out	12618	10964	1654	13.1	80	12pm
OR-In	51696	47984	3712	7.2	80	12.20am	OR-In	51017	47984	3033	8.7	89	1am
OR-Out	47479	37643	9836	20.7	83	1.30pm	OR-Out	44517	37643	6874	23.2	78	12pm
KR-In	23757	14787	8970	37.8	73	2.30am	KR-In	34953	22982	11971	34.3	83	8pm
KR-Out	22636	7205	15431	68.2	87	4pm	KR-Out	31375	10021	21354	68.1	88	6.30pm
WFP-In	22686	16127	6559	28.9	81	9.30pm	WFP-In	44795	33433	11362	25.4	82	2.30pm
WFP-Out	32267	11622	20645	64.0	97	2pm	WFP-Out	68984	26101	42883	62.2	98	8.30pm
BS-In	41095	37591	3504	8.5	72	12.30pm	BS-In	51559	47432	4127	8.1	71	7.30pm
BS-Out	46058	41201	4857	10.6	104	12pm	BS-Out	57444	52032	5412	9.4	107	9am

Observations: With all roads now reopened, traffic volume is highest in both directions along B660 (past Wayside Farm Park VAS), Butler Street, Oldways Road, and Kimbolton Road. The highest incidents of speeding occur on B660 (particularly outbound traffic past Kimbolton Road and Wayside Farm Park VAS) and along Oldways Road (outbound).

Graphs: The data analysis is presented in four graphs:

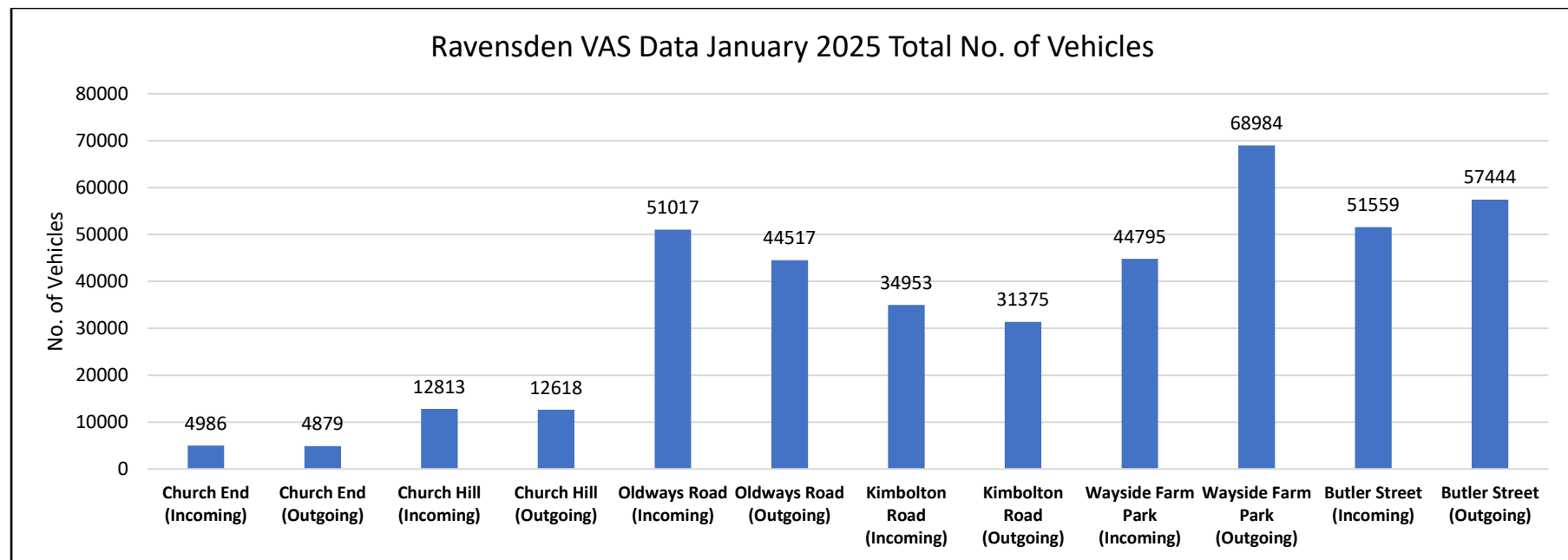
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

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

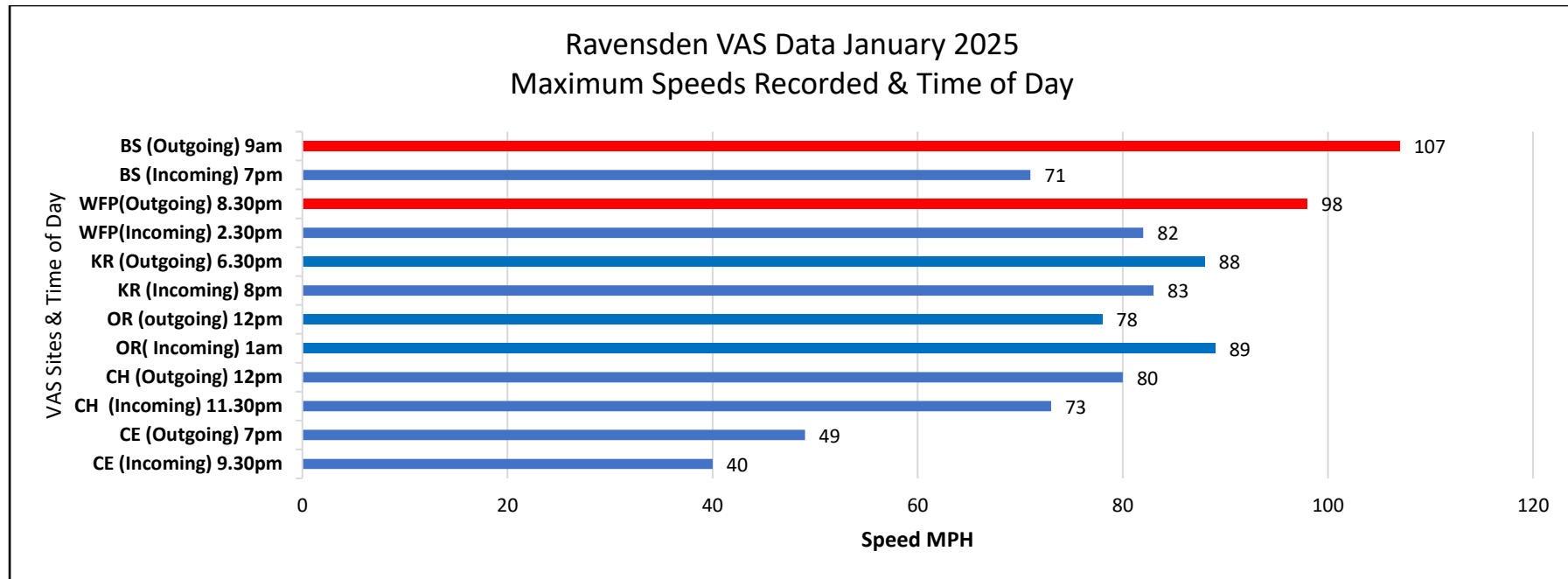
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

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

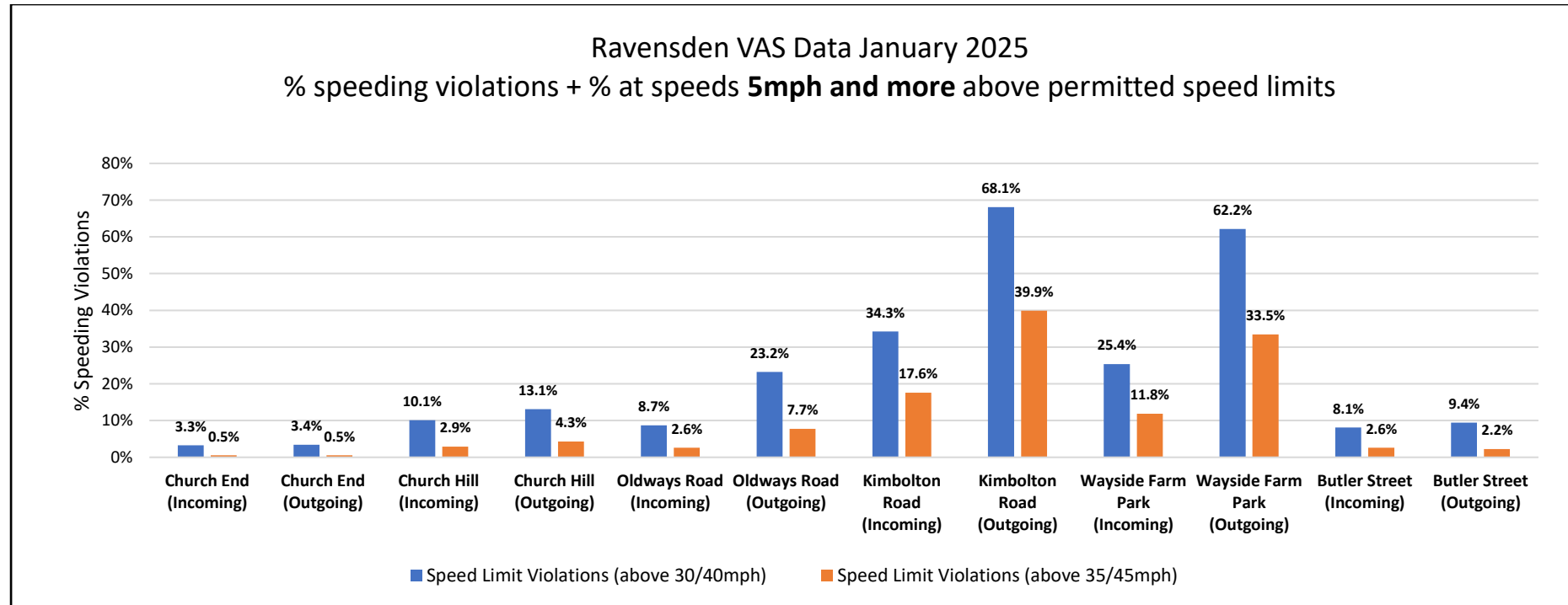
Graph 1

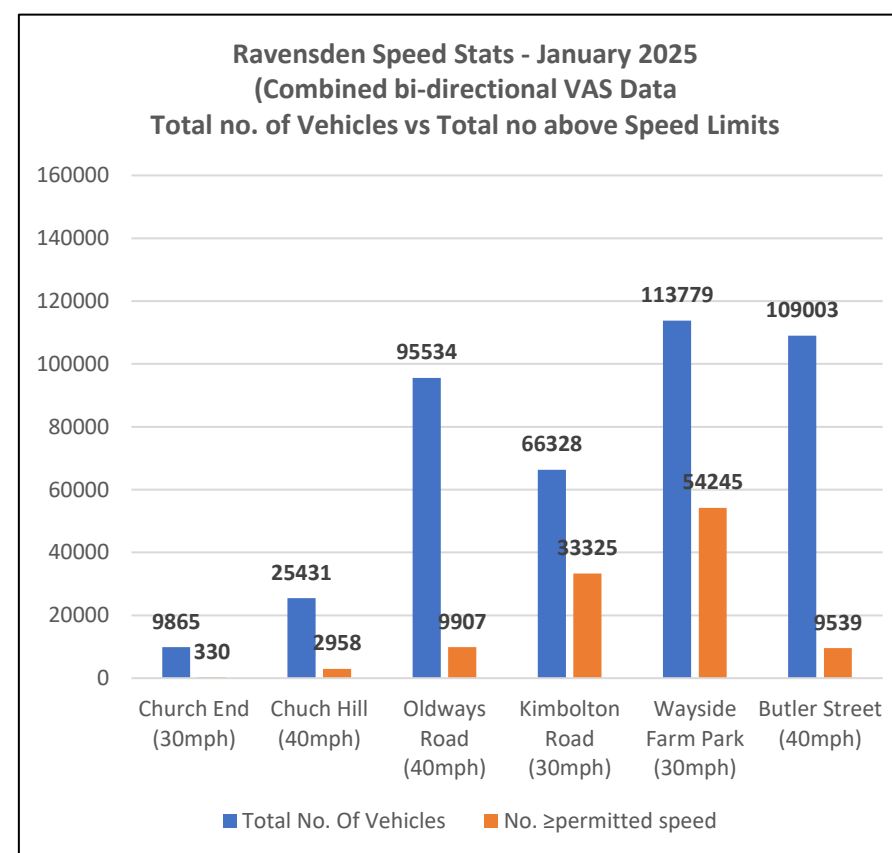
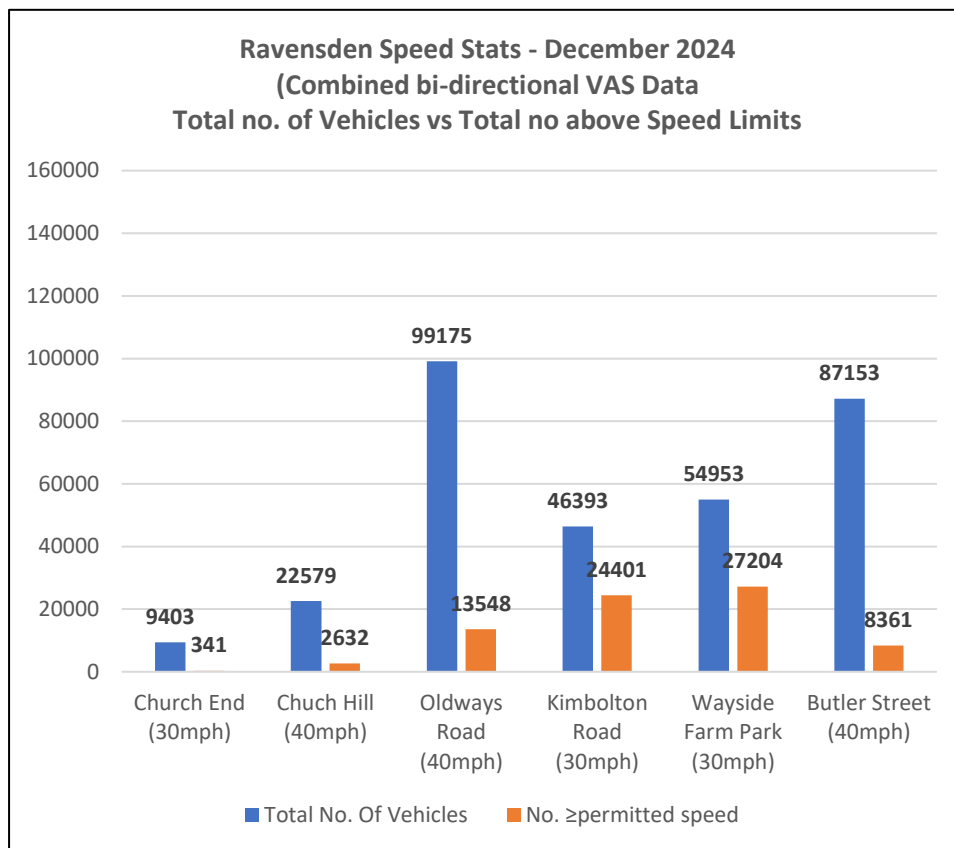


Graph 1



Graph 2





Graph 3a & 4b