

VAS Data Analysis December 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.

November 2024						
Site	Total No. of Vehicles	No. ≤Permitted speed	No. ≥Permitted speed	Speed violations % ≥Permitted Speed	Max Speeds Recorded	Time of Day
CE-In	5031	4814	217	4.3	54	11.30pm
CE-Out	4803	4615	188	3.9	45	2.30am
CH- In	12272	10960	1312	10.7	80	11pm
CH-Out	12028	10556	1472	12.2	78	7pm
OR-In	70450	66388	4062	5.8	78	9.30pm
OR-Out	66735	53908	12827	19.2	86	11.30am
KR-In	24339	14903	9436	38.8	74	8pm
KR-Out	21255	6505	14750	69.4	76	5.30pm
WFP-In	11679	8093	3586	30.7	66	12pm
WFP-Out	14644	5081	9563	65.3	96	8am
BS-In	44634	40677	3957	8.9	76	8pm
BS-Out	49117	43172	5945	12.1	97	8am

December 2024						
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-Out	4589	4422	167	3.6	48	8pm
CH- In	11470	10237	1233	10.8	79	8pm
CH-Out	11109	9710	1399	12.6	74	3pm
OR-In	51696	47984	3712	7.2	80	12.20am
OR-Out	47479	37643	9836	20.7	83	1.30pm
KR-In	23757	14787	8970	37.8	73	2.30am
KR-Out	22636	7205	15431	68.2	87	4pm
WFP-In	22686	16127	6559	28.9	81	9.30pm
WFP-Out	32267	11622	20645	64.0	97	2pm
BS-In	41095	37591	3504	8.5	72	12.30pm
BS-Out	46058	41201	4857	10.6	104	12pm

Observations: Cleat Hill re-opened on 12th December, indicating a return to pre-closure VAS data for vehicles travelling along Oldways Road and past Wayside Farm Park.

Graphs: The data analysis is presented in four graphs:

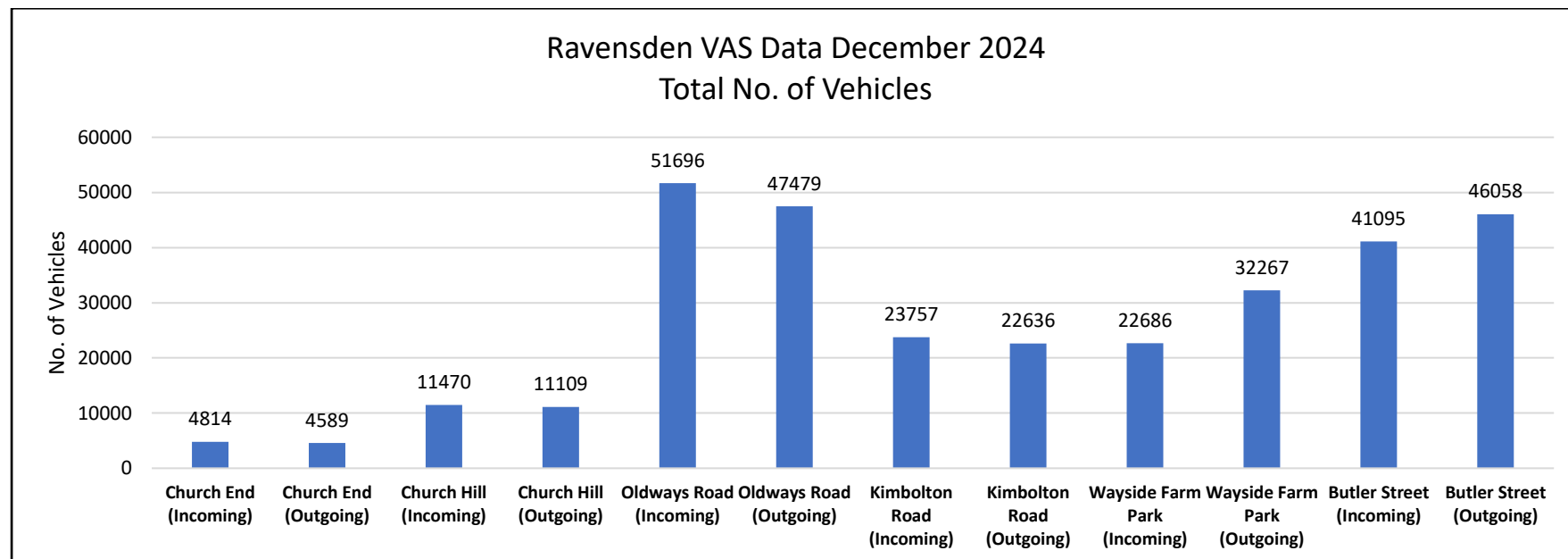
Graph 1 illustrates the total count of incoming and outgoing vehicles registered by each VAS.

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

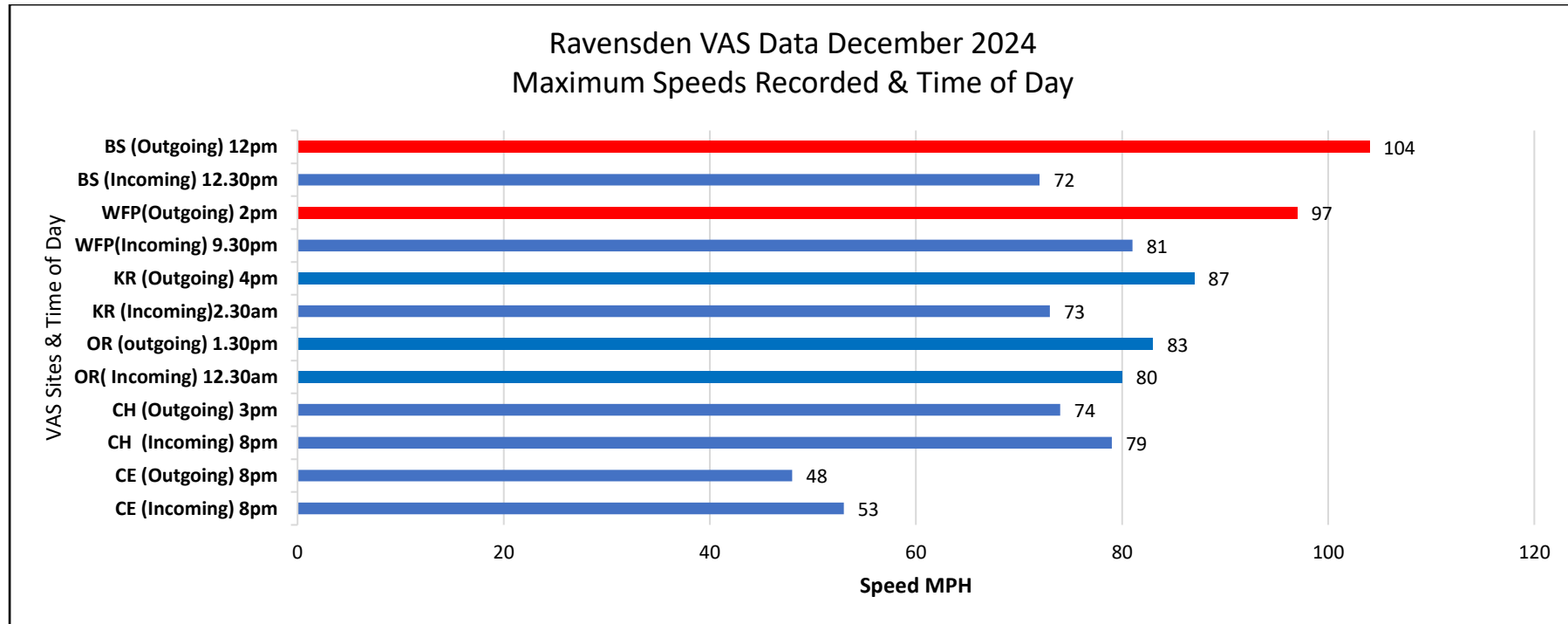
Graph 3 depicts the percentage of speeding vehicles and the percentage of vehicles traveling at 5mph or more above the permitted speed limits (which increases the likelihood of fines if caught speeding).

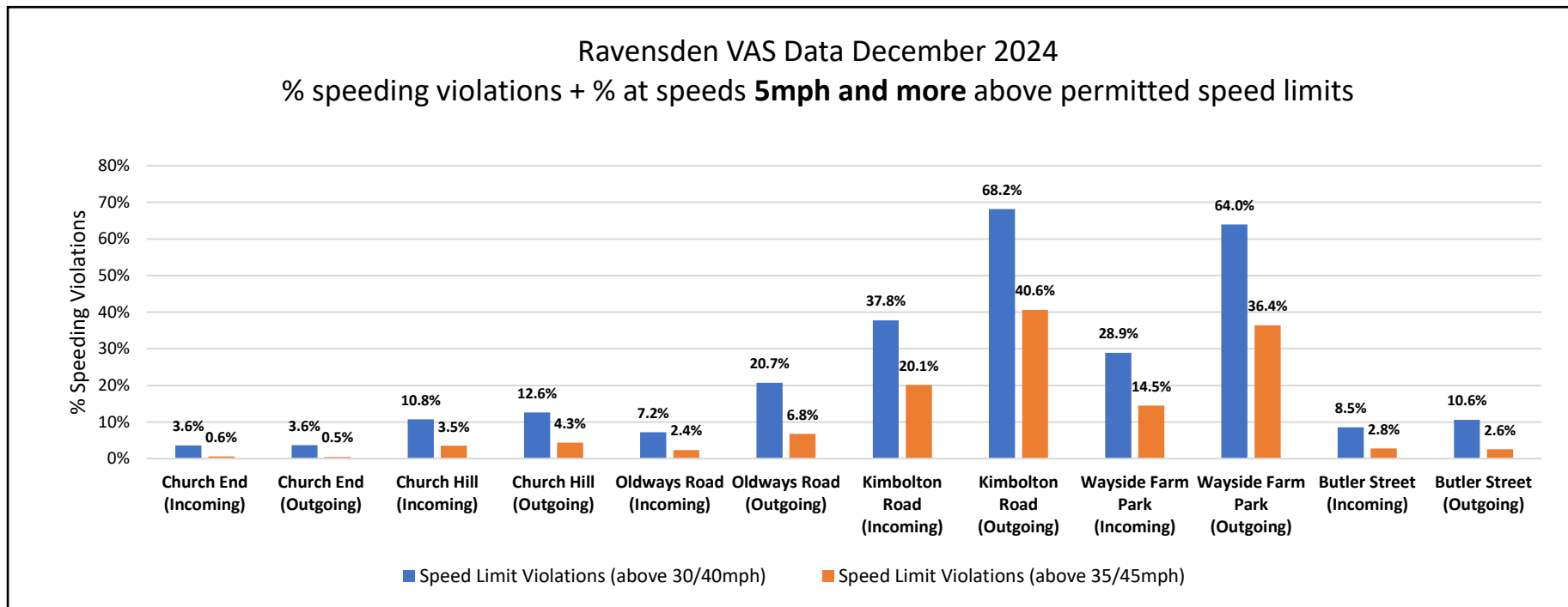
Graphs 4a & 4b presents the aggregated (bi-directional) VAS data for each of the six sites. September data is included for comparison.

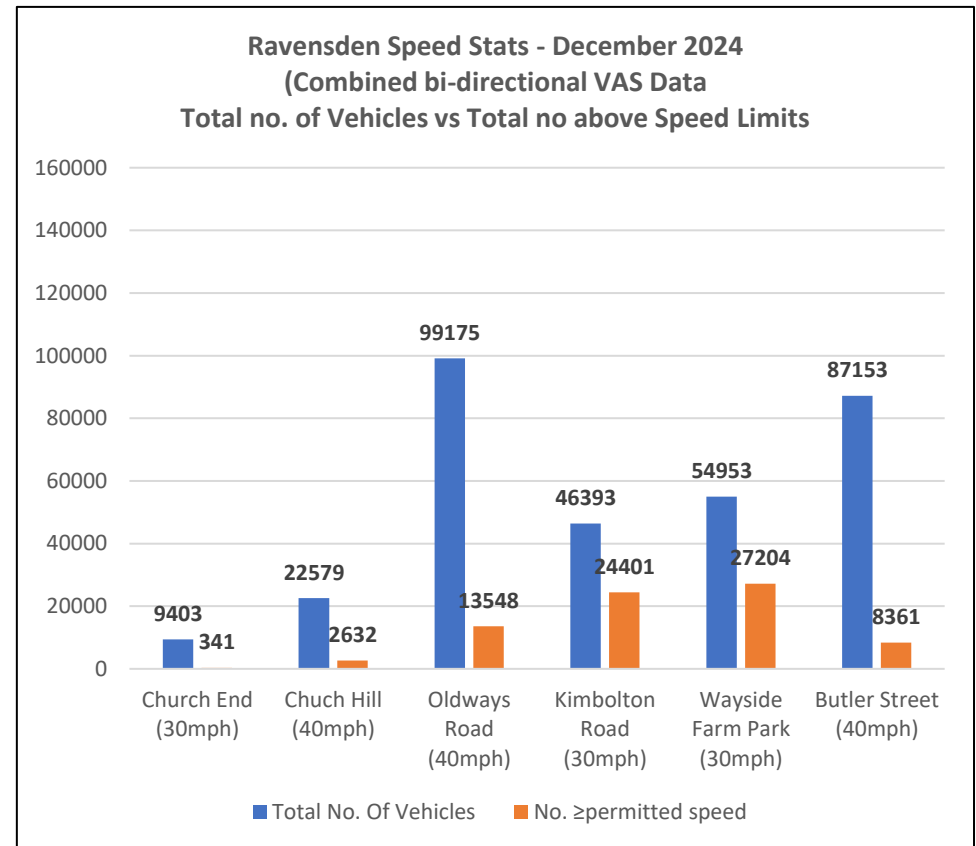
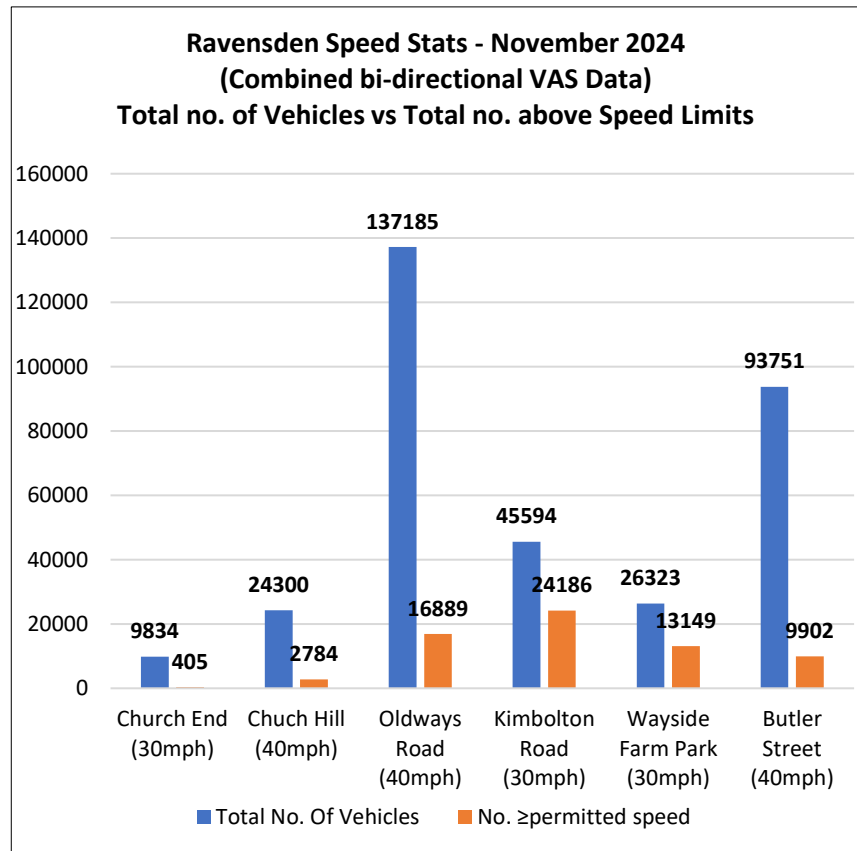
Graph 1



Graph 1







Graph 3a & 4b