

## APPENDIX A

### School Streets trials Traffic Monitoring Pedestrian / cycling / vehicle activity (measured by counts)

Pedestrian and cycle activity counts and vehicle volume counts are being regularly undertaken at the sites. The pedestrian and cycle counts are taken at a mid-point in the scheme and repeat counts are undertaken at the same points for consistency. Both a weekday and weekend day are surveyed between 7am and 7pm to cover the busy periods. Surveys are undertaken by recording CCTV footage during the period of observation and later analysed by the survey company at their premises. Automatic traffic counters have also been used at each site to monitor traffic flows over the period of a week and calculate the average volume of daily vehicular traffic flow. The dates for data collection are as follows:

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| <p><u>CCTV counts</u></p> <ul style="list-style-type: none"> <li>• 19<sup>th</sup> August 2020</li> <li>• 16<sup>th</sup> September 2020</li> <li>• 14<sup>th</sup> October 2020</li> <li>• 11<sup>th</sup> November 2020</li> <li>• 9<sup>th</sup> December 2020</li> <li>• 20<sup>th</sup> January 2021</li> <li>• 7<sup>th</sup> July 2021</li> </ul> | <p><u>Automatic traffic counters</u></p> <ul style="list-style-type: none"> <li>• 8<sup>th</sup> – 14<sup>th</sup> July 2020</li> <li>• 16<sup>th</sup> – 22<sup>nd</sup> September 2020</li> <li>• 12<sup>th</sup> – 18<sup>th</sup> October 2020</li> <li>• 7<sup>th</sup> – 13<sup>th</sup> November 2020</li> <li>• 6<sup>th</sup> – 12<sup>th</sup> December 2020</li> <li>• 18<sup>th</sup> – 24<sup>th</sup> January 2021</li> <li>• 5<sup>th</sup> – 11<sup>th</sup> July 2021</li> </ul> |
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The surveys were undertaken at the following locations as follows:

- Sylvia Avenue - east of Lyndon Avenue (SS-01)
- Sylvia avenue – north of Colburn Avenue (SS-01)
- Drake Road – east of Kings Road (SS-02)
- Drake Road – west of Alexandra Avenue (SS-02)
- Ravenswood Crescent – east of Kings Road (SS-02)
- Marlborough Hill – west of Badminton Close (SS-03)
- Marlborough Hill – east of Harrow View (SS-03)
- Burnell Gardens – south of Crowshott Avenue (SS-04)
- Thistlecroft Gardens – south of Crowshott Avenue (SS-04)

The table below gives details of the pedestrian, cycle and vehicle counts undertaken at the survey points. The shaded rows indicate when a lockdown was in force.

<b>Morning</b>	<b>SS-01 Grimsdyke School</b>			<b>SS-02 Newton Farm School</b>			<b>SS-03 Marlborough School</b>			<b>SS-04 Park High School</b>		
	Pedestrians	Cyclists	Vehicles	Pedestrians	Cyclists	Vehicles	Pedestrians	Cyclists	Vehicles	Pedestrians	Cyclists	Vehicles
July / August	12	5	125	35	1	161	175	11	306	11	0	74
September	874	3	159	398	15	254	1003	23	605	315	5	113
October	983	3	88	600	18	153	1087	13	365	48	2	77
November	1019	8	70	604	16	201	1113	12	258	297	7	68

December	961	8	71	584	10	195	994	10	337	192	3	78
January	143	3	76	88	2	95	205	3	256	33	0	56
July	1022	13	82	678	25	276	1129	20	417	230	4	66

Afternoon	SS-01 Grimsdyke School			SS-02 Newton Farm School			SS-03 Marlborough School			SS-04 Park High School		
	Pedestrians	Cyclists	Vehicles	Pedestrians	Cyclists	Vehicles	Pedestrians	Cyclists	Vehicles	Pedestrians	Cyclists	Vehicles
July / August	3	1	80	5	3	153	69	4	269	5	0	80
September	713	2	104	343	14	226	896	10	569	284	5	58
October	938	1	47	511	20	116	1060	6	299	32	4	49
November	963	3	65	531	11	171	1070	11	268	232	4	47
December	896	6	52	533	9	151	1063	7	283	161	6	43
January	196	2	34	87	1	80	181	3	250	21	2	55
July	1046	19	82	535	13	380	990	11	369	139	4	81

The counts in July / August reflect conditions prior to the schools opening, in September the conditions when the schools opened without a school streets scheme and thereafter the conditions with a school streets scheme operating up to December. The figures in the table that are shaded represent when the schools were open in the autumn term. The most recent survey was undertaken in July 2021.

The impact of the government restrictions on traffic levels were initially low in September with fewer restrictions in force, and became moderate in October under the three tier system and high during the second lockdown in November and then reduced to moderate again in December when the lockdown was eased.

The vehicle flows at all sites clearly show an increase in September when the schools opened with schemes in place and then a reduction from October when the school streets scheme were introduced. Significantly the volume of pedestrians has increased at primary school sites in conjunction with a reduction in vehicles since September. This is likely to be as a consequence of more local walking to school.

The impact on pedestrians has been less significant for the High school and it is likely that this is because a higher proportion of older students may already walk to school and there is less modal shift. It should be noted that in October not many pedestrians were recorded for Park High School because the school was not open to students on that particular survey date.

The volume of cyclists has remained low at all sites despite the introduction of the school streets. This is probably due to the schemes only improving conditions in the immediate vicinity of the school rather than over the whole of the route being used by cyclists between home and school. It is important to improve the whole journey experience in order to achieve a significant uptake in cycling. The weather conditions during autumn were also not favourable for cycling with more wet weather. This has changed in the summer (July 2021) at Grimsdyke school.