

Transport Monitoring Team

Speed Survey for
Clare Akehurst ESCC
C7 Lewes Road, Newhaven
September 2025

For further information regarding the commissioning of all types of transport surveys please contact:

Transport Monitoring Manager

Transport Monitoring Team,
East Sussex County Council,
Communities, Economy & Transport Department, County Hall,
St. Anne's Crescent, Lewes, East Sussex, BN7 1UE

Email: transport.monitoring@eastsussex.gov.uk



Area Surveyed:

Our ref: A6470 – C7 Lewes Road, Newhaven

Grid Ref: 50.79893, 0.045340

Monitoring Period: 04th September to 13th September 2025**Methodology:**

The survey was carried out using a Speed Detection Radar (SDR), attached to a post at the location.

Results:

The volume and speed of traffic were recorded and the results are displayed as summaries.

The average 85th percentile speed over twenty four hours was recorded as:

A6470	Northbound	31 miles per hour
	Southbound	30 miles per hour

The 85th percentile speed is the speed at, or below, which 85 percent of the traffic is travelling, or viewed another way, the speed that only 15 percent of drivers exceed.

The average speed over twenty four hours was recorded as:

A6470	Northbound	27 miles per hour
	Southbound	24 miles per hour

The average speed is the speed at, or below, which 50 percent of the traffic is travelling, or viewed another way, the speed that only 50 percent of drivers exceed.

East Sussex County Council's Transport Monitoring Team carries out a range of transport surveys including:

- Classified Turning Counts
- Journey Time Surveys
- Bus Time Surveys
- Pedestrian Counts
- Passenger Counts
- Parking Surveys
- Automatic Volumetric Counts
- Radar Speed Surveys
- Cycle Surveys
- Video Surveys

Historical data is available from numerous sites across East Sussex.

Site Number: 00006470

C7 Lewes Road, Newhaven, LC10

Details

Site Reference: 00006470

Latitude: 50.7959381281649

Longitude: 0.0453400611877441

Site Configuration:

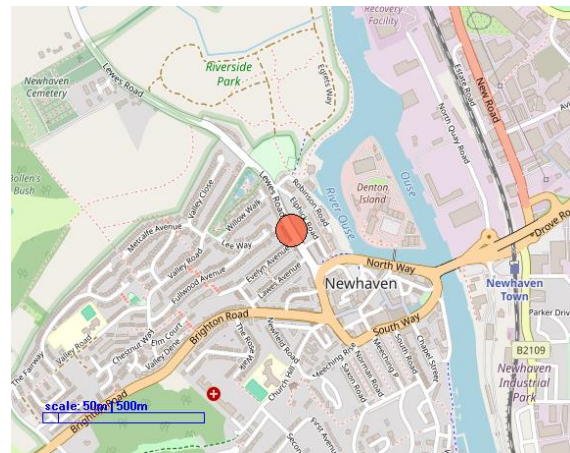
Interval: 60

Telemetry: No

Channels

Channel 1: Northbound (North)

Channel 2: Southbound (South)



Location



A6470 NB.jpeg



A6470 SB.jpeg

Site No.00006470Site Ref.00006470Lat/Lng.50.795940.04534C7 Lewes Road, Newhaven, LC10Channel: Northbound

Speed Summary (Speed Limit 30 Mph)
From 04/09/2025 To 13/09/2025

	Total Volume	85th Percentil e	Mean Average	Standard Deviation	Bin 1 <5Mph	Bin 2 5-<10	Bin 3 10-<15	Bin 4 15-<20	Bin 5 20-<25	Bin 6 25-<30	Bin 7 30-<35	Bin 8 35-<40	Bin 9 40-<45	Bin 10 45-<50	Bin 11 50-<55	Bin 12 55-<60	Bin 13 =>60
Monday	4812	31	27	4	0	11	23	180	1277	2464	761	77	12	7	0	0	0
Tuesday	5093	31	27	4	0	10	20	148	1288	2641	843	122	17	4	0	0	0
Wednesday	4860	31	27	4	0	22	14	153	1299	2508	713	127	19	2	2	0	1
Thursday	4834	31	27	4	0	8	21	156	1313	2495	727	99	15	1	0	1	0
Friday	4891	31	27	4	0	20	24	146	1258	2529	775	115	19	6	1	0	0
Saturday	3818	32	27	4	0	6	18	111	896	2009	659	104	7	5	3	0	0
Sunday	3246	32	27	4	0	11	5	83	706	1735	595	92	10	3	4	2	0
5 Day Ave.	4898	31	27	4	0	14	20	156	1287	2527	764	108	16	4	1	0	0
7 Day Ave.	4508	31	27	4	0	12	18	139	1148	2340	725	105	14	4	1	0	0

Vehicle Data Analyser Professional R2 15/09/2025

Site No.00006470Site Ref.00006470Lat/Lng.50.795940.04534C7 Lewes Road, Newhaven, LC10Channel: Southbound

Speed Summary (Speed Limit 30 Mph)
From 04/09/2025 To 13/09/2025

	Total Volume	85th Percentil e	Mean Average	Standard Deviation	Bin 1 <5Mph	Bin 2 5-<10	Bin 3 10-<15	Bin 4 15-<20	Bin 5 20-<25	Bin 6 25-<30	Bin 7 30-<35	Bin 8 35-<40	Bin 9 40-<45	Bin 10 45-<50	Bin 11 50-<55	Bin 12 55-<60	Bin 13 =>60
Monday	5258	30	24	7	0	271	320	554	1418	1997	602	78	14	4	0	0	0
Tuesday	5596	30	23	8	0	559	525	601	1384	1847	571	90	14	4	1	0	0
Wednesday	5423	30	23	7	0	329	434	611	1486	1865	599	79	16	3	1	0	0
Thursday	5160	30	24	7	0	374	288	442	1501	1891	562	90	13	2	1	0	0
Friday	5486	30	24	6	0	196	321	625	1564	2000	654	105	18	3	1	1	0
Saturday	4295	31	26	5	0	7	71	297	1315	1901	586	84	27	5	1	1	0
Sunday	3555	32	26	6	0	48	102	186	860	1645	599	91	14	4	2	2	2
5 Day Ave.	5385	30	24	7	0	346	378	567	1471	1920	597	88	15	3	1	0	0
7 Day Ave.	4968	30	24	7	0	255	294	474	1361	1878	596	88	16	4	1	1	0

Vehicle Data Analyser Professional R2 15/09/2025

Site No.00006470Site Ref.00006470Lat/Lng.50.795940.04534Channel: Total Flow

C7 Lewes Road, Newhaven, LC10

Speed Summary (Speed Limit 30 Mph)
From 04/09/2025 To 13/09/2025

	Total Volume	85th Percentil e	Mean Average	Standard Deviation	Bin 1 <5Mph	Bin 2 5-<10	Bin 3 10-<15	Bin 4 15-<20	Bin 5 20-<25	Bin 6 25-<30	Bin 7 30-<35	Bin 8 35-<40	Bin 9 40-<45	Bin 10 45-<50	Bin 11 50-<55	Bin 12 55-<60	Bin 13 =>60
Monday	10070	30	25	6	0	282	343	734	2695	4461	1363	155	26	11	0	0	0
Tuesday	10689	30	25	7	0	569	545	749	2672	4488	1414	212	31	8	1	0	0
Wednesday	10283	30	25	6	0	351	448	764	2785	4373	1312	206	35	5	3	0	1
Thursday	9994	30	25	6	0	381	309	597	2814	4386	1288	189	28	3	1	1	0
Friday	10377	30	25	6	0	216	345	771	2822	4529	1428	220	37	9	2	1	0
Saturday	8113	31	27	5	0	13	89	408	2211	3910	1245	188	34	10	4	1	0
Sunday	6801	32	27	5	0	59	107	269	1566	3380	1194	183	24	7	6	4	2
5 Day Ave.	10283	30	25	6	0	360	398	723	2758	4447	1361	196	31	7	1	0	0
7 Day Ave.	9475	31	25	6	0	267	312	613	2509	4218	1321	193	31	8	2	1	0

Site No. 00006470 Site Ref. 00006470
C7 Lewes Road, Newhaven, LC10

Lat/Lng. 50.79594 0.04534
Channel: Northbound

Speed Summary (Mon-Sun)-Speed Limit 30 Mph
From 04/09/2025 To 13/09/2025

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5Mph	Bin 2 5-<10	Bin 3 10-<15	Bin 4 15-<20	Bin 5 20-<25	Bin 6 25-<30	Bin 7 30-<35	Bin 8 35-<40	Bin 9 40-<45	Bin 10 45-<50	Bin 11 50-<55	Bin 12 55-<60	Bin 13 >=>60
00:00	18	34	29	7	0	0	0	1	3	7	6	2	0	0	0	0	0
01:00	12	34	29	6	0	0	0	0	3	4	3	2	0	0	0	0	0
02:00	12	34	30	5	0	0	0	0	1	4	5	1	0	0	0	0	0
03:00	16	35	31	6	0	0	0	1	2	4	7	2	0	0	0	0	0
04:00	30	36	31	5	0	0	0	1	1	9	12	6	1	0	0	0	0
05:00	62	34	29	5	0	0	0	4	7	26	20	5	1	0	0	0	0
06:00	176	34	29	5	0	0	0	4	20	78	61	11	1	0	0	0	0
07:00	456	31	27	4	0	1	1	13	95	253	82	9	1	0	0	0	0
08:00	441	30	26	4	0	1	1	14	134	234	52	5	0	0	0	0	0
09:00	307	30	27	4	0	1	1	9	81	167	44	4	0	0	0	0	0
10:00	282	30	26	4	0	1	2	9	76	151	39	3	0	0	0	0	0
11:00	272	30	27	4	0	0	1	9	72	145	39	4	0	0	0	0	0
12:00	305	30	26	4	0	1	1	10	86	163	38	4	0	0	0	0	0
13:00	279	30	27	4	0	0	2	7	75	149	41	4	1	0	0	0	0
14:00	289	30	26	4	0	0	1	10	84	149	38	5	0	0	0	0	0
15:00	299	30	26	4	0	1	1	11	89	152	41	4	0	0	0	0	0
16:00	261	30	26	4	0	1	2	11	85	128	29	4	1	0	0	0	0
17:00	250	30	26	4	0	2	2	9	76	126	31	5	0	0	0	0	0
18:00	223	31	27	4	0	1	1	4	47	125	39	5	1	0	0	0	0
19:00	162	32	28	4	0	0	0	4	31	91	29	4	2	1	0	0	0
20:00	136	32	27	4	0	0	1	4	32	69	25	5	1	0	0	0	0
21:00	107	32	27	5	0	1	1	2	25	55	18	4	1	1	0	0	0
22:00	78	33	28	5	0	1	0	2	17	36	17	4	1	0	0	0	0
23:00	35	35	29	6	0	0	1	1	5	14	9	3	1	0	0	0	0
Total																	
12H(7-19)	3665	30	27	4	0	10	14	118	1002	1942	514	57	6	1	1	0	0
16H(6-22)	4246	31	27	4	0	12	16	130	1109	2236	647	81	10	3	1	0	0
18H(6-24)	4358	31	27	4	0	12	17	134	1131	2287	673	88	12	3	1	0	0
24H(0-24)	4508	31	27	4	0	12	18	139	1148	2340	725	105	14	4	1	0	0
AM Peak	07:00	04:00	04:00	00:00	11:00	10:00	10:00	08:00	08:00	07:00	07:00	06:00	07:00	00:00	06:00	11:00	00:00
	456	36	31	7	0	1	2	14	134	253	82	11	1	0	0	0	0
PM Peak	12:00	23:00	23:00	23:00	23:00	17:00	16:00	16:00	15:00	12:00	15:00	18:00	19:00	21:00	20:00	17:00	23:00
	305	35	29	6	0	2	2	11	89	163	41	5	2	1	0	0	0

Site No. 00006470 Site Ref. 00006470
C7 Lewes Road, Newhaven, LC10

Lat/Lng. 50.79594 0.04534
Channel: Southbound

Speed Summary (Mon-Sun)-Speed Limit 30 Mph
From 04/09/2025 To 13/09/2025

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5Mph	Bin 2 5-<10	Bin 3 10-<15	Bin 4 15-<20	Bin 5 20-<25	Bin 6 25-<30	Bin 7 30-<35	Bin 8 35-<40	Bin 9 40-<45	Bin 10 45-<50	Bin 11 50-<55	Bin 12 55-<60	Bin 13 =>60
00:00	27	35	30	6	0	0	0	1	3	10	10	3	1	0	0	0	0
01:00	15	36	31	6	0	0	0	0	1	5	5	3	0	0	0	0	0
02:00	11	36	31	5	0	0	0	0	1	3	4	2	0	0	0	0	0
03:00	14	37	32	6	0	0	0	0	1	3	7	3	1	0	0	0	0
04:00	16	34	31	5	0	0	0	0	1	7	6	1	1	0	0	0	0
05:00	28	35	30	5	0	0	0	1	3	13	8	3	1	0	0	0	0
06:00	98	34	28	5	0	1	1	2	20	42	25	7	1	0	0	0	0
07:00	185	32	27	5	0	1	3	14	39	87	34	6	1	1	0	0	0
08:00	291	30	26	5	0	2	4	24	92	124	40	5	1	0	0	0	0
09:00	274	30	26	5	0	1	3	25	88	116	37	4	0	0	0	0	0
10:00	247	30	26	5	0	1	5	16	70	119	33	3	0	0	0	0	0
11:00	273	30	26	4	0	1	3	15	80	135	36	3	0	0	0	0	0
12:00	308	30	25	6	0	7	12	22	104	126	33	4	1	0	0	0	0
13:00	345	30	25	5	0	1	8	27	119	149	38	3	1	0	0	0	0
14:00	344	30	25	5	0	8	8	26	107	152	38	4	0	0	0	0	0
15:00	450	29	22	6	0	24	34	75	145	135	34	3	0	0	0	0	0
16:00	517	27	18	7	0	92	90	94	130	92	16	2	0	0	0	0	0
17:00	515	28	19	8	0	95	91	73	110	112	30	3	0	0	0	0	0
18:00	377	30	24	7	0	20	27	33	103	142	45	6	1	0	0	0	0
19:00	192	32	28	5	0	0	1	6	39	98	38	8	1	0	0	0	0
20:00	176	30	26	5	0	0	2	11	53	81	25	3	1	0	0	0	0
21:00	124	31	27	5	0	0	2	6	30	62	21	2	1	0	0	0	0
22:00	94	33	28	5	0	0	0	3	19	46	20	5	1	0	0	0	0
23:00	47	34	29	5	0	0	0	1	6	20	14	4	1	0	0	0	0
Total																	
12H(7-19)	4126	29	23	7	0	253	288	443	1187	1487	414	46	6	1	0	1	0
16H(6-22)	4716	30	24	7	0	254	294	468	1328	1771	522	65	10	2	0	1	0
18H(6-24)	4857	30	24	7	0	255	294	471	1353	1837	556	74	13	2	1	1	0
24H(0-24)	4968	30	24	7	0	255	294	474	1361	1878	596	88	16	4	1	1	0
AM Peak	08:00	03:00	03:00	01:00	11:00	08:00	10:00	09:00	08:00	11:00	08:00	06:00	05:00	07:00	07:00	08:00	09:00
	291	37	32	6	0	2	5	25	92	135	40	7	1	1	0	0	0
PM Peak	16:00	23:00	23:00	17:00	23:00	17:00	17:00	16:00	15:00	14:00	18:00	19:00	23:00	19:00	22:00	17:00	17:00
	517	34	29	8	0	95	91	94	145	152	45	8	1	0	0	0	0

Site No. 00006470 Site Ref. 00006470
C7 Lewes Road, Newhaven, LC10

Lat/Lng. 50.79594 0.04534
Channel: Total Flow

Speed Summary (Mon-Sun)-Speed Limit 30 Mph
From 04/09/2025 To 13/09/2025

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5Mph	Bin 2 5-<10	Bin 3 10-<15	Bin 4 15-<20	Bin 5 20-<25	Bin 6 25-<30	Bin 7 30-<35	Bin 8 35-<40	Bin 9 40-<45	Bin 10 45-<50	Bin 11 50-<55	Bin 12 55-<60	Bin 13 =>60
00:00	45	35	30	6	0	0	0	1	5	17	15	4	1	1	0	0	0
01:00	28	36	30	6	0	0	0	0	4	9	8	4	0	1	0	0	0
02:00	22	35	31	5	0	0	0	0	2	8	9	3	1	0	0	0	0
03:00	30	36	31	6	0	0	0	1	3	7	13	5	1	0	0	0	0
04:00	45	36	31	5	0	0	0	1	2	16	18	7	2	0	0	0	0
05:00	90	34	29	5	0	0	0	5	9	38	28	8	2	0	0	0	0
06:00	274	34	29	5	0	1	1	5	40	121	86	18	2	0	0	0	0
07:00	641	32	27	4	0	2	4	27	135	340	116	15	2	1	0	0	0
08:00	732	30	26	4	0	2	4	39	226	358	92	9	1	0	0	0	0
09:00	581	30	26	4	0	1	4	34	169	283	81	8	1	0	0	0	0
10:00	529	30	26	4	0	2	8	25	146	270	72	7	1	0	0	0	0
11:00	545	30	26	4	0	2	4	24	152	280	75	7	1	0	0	0	0
12:00	613	30	26	5	0	8	13	32	190	289	71	9	1	0	0	0	0
13:00	624	30	26	4	0	1	9	34	194	298	79	7	1	0	0	0	0
14:00	632	30	26	5	0	8	9	36	191	301	76	9	1	0	0	0	0
15:00	750	29	24	6	0	25	35	86	234	286	75	7	1	0	0	0	0
16:00	778	29	21	7	0	94	92	105	215	220	46	6	1	0	0	0	0
17:00	765	29	21	8	0	97	93	82	186	238	61	8	0	0	0	0	0
18:00	600	30	25	6	0	21	28	37	150	267	83	11	2	0	0	0	0
19:00	354	32	28	4	0	1	1	10	71	189	67	12	3	1	0	0	0
20:00	312	31	27	5	0	1	2	15	84	150	50	8	2	0	0	0	0
21:00	231	32	27	5	0	1	3	8	55	117	39	6	2	1	0	0	0
22:00	172	33	28	5	0	1	1	5	36	82	37	9	2	0	0	0	0
23:00	81	34	29	6	0	0	1	2	10	34	23	7	3	1	0	0	0
Total																	
12H(7-19)	7791	30	25	6	0	263	302	561	2188	3430	927	103	11	3	1	1	0
16H(6-22)	8961	30	25	6	0	266	310	598	2437	4007	1169	146	20	5	2	1	0
18H(6-24)	9215	30	25	6	0	267	311	605	2484	4124	1229	162	24	6	2	1	0
24H(0-24)	9475	31	25	6	0	267	312	613	2509	4218	1321	193	31	8	2	1	0
AM Peak	08:00	03:00	03:00	01:00	11:00	08:00	10:00	08:00	08:00	08:00	07:00	06:00	05:00	01:00	07:00	08:00	09:00
	732	36	31	6	0	2	8	39	226	358	116	18	2	1	0	0	0
PM Peak	16:00	23:00	23:00	17:00	23:00	17:00	17:00	16:00	15:00	14:00	18:00	19:00	19:00	19:00	15:00	17:00	17:00
	778	34	29	8	0	97	93	105	234	301	83	12	3	1	0	0	0