



ATC Traffic Analysis Report

Author:	Citisenze
Contract:	Kent County Council
Job Number:	KEN2347
Location:	Location 1
Road Name:	West Street
District:	Dover
Coordinates:	X 637527, Y 152779
Start Date:	21.01.2025
End Date:	27.01.2025
Speed Limit:	30 mph



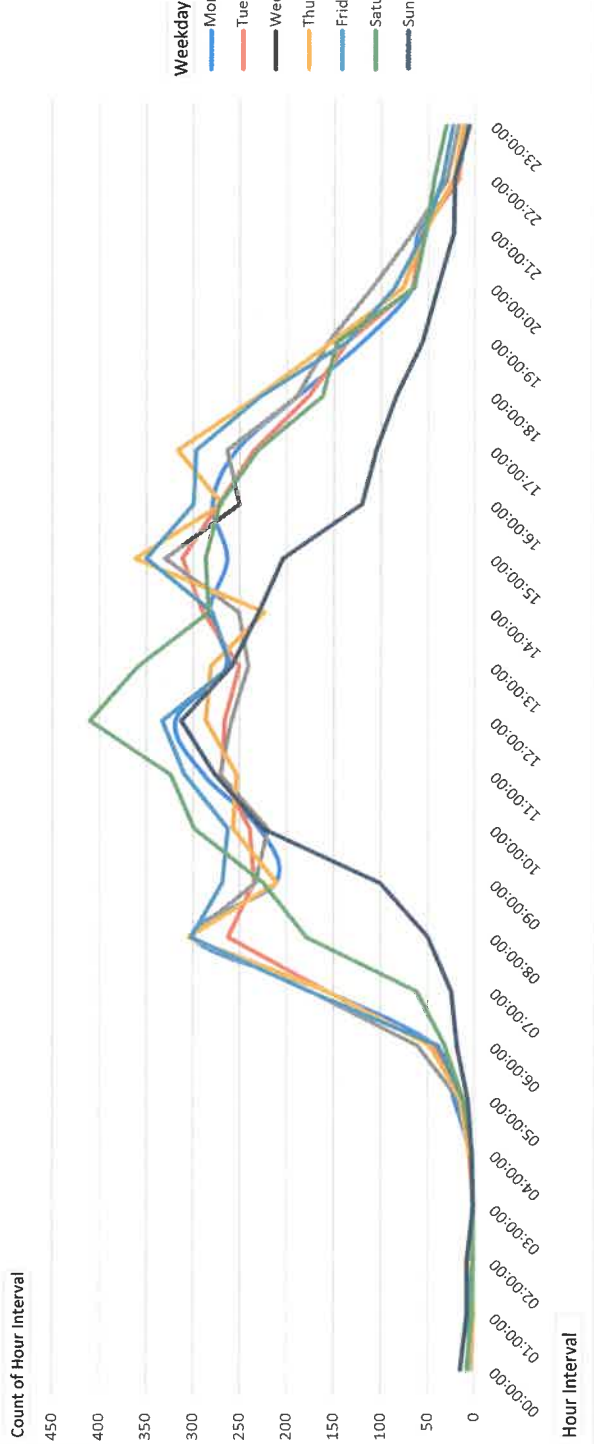
Citisenze carried out a 7-day ATC on West Street commencing the 21/01/25. The number of vehicles exceeding the speed limit of 30mph was 1026 which is 4.42% of the total vehicles recorded in both directions which was 23217.

Week Commencing	
27 January 2025	
20 January 2025	

Compass direction	
N1	
S0	

Class	
1	
2	
3	
4	
5	
6	
7	
8	
9	
14	
15	

Total	Sum of % Over PSL	Sum of % Over ACPO	Sum of % Over DFT
23217	4.42%	0.56%	0.04%
Count of Compass direc		Column Labels	Grand Total
Row Labels	S0	N1	
20 January 2025	11416	8398	19814
27 January 2025	1947	1456	3403
Grand Total	13363	9854	23217



West Street (30mph speed limit)					
Direction	Number of Vehicles	Average speed over 7 days	85 percentile speeds	Percentage of vehicles complying with the 30mph speed limit	Percentage of vehicles under enforcement threshold of 35mph
N1	9854	23.2mph	27.3mph	94.7% (9329)	99.1% (9770)
S0	13363	22.4mph	26.7mph	96.3% (12862)	99.6% (13316)

Count of Compass direction			Column Labels	
Row Labels	S0	N1		
Monday	1947	1456		
Tuesday	1932	1407		
Wednesday	1969	1487		
Thursday	2048	1508		
Friday	2195	1575		
Saturday	1963	1529		
Sunday	1309	892		
Grand Total	13363	9854		

Average of Speed			Column Labels	
Row Labels	S0	N1		
Monday	22.74	23.62		
Tuesday	22.52	23.48		
Wednesday	22.85	23.28		
Thursday	22.49	22.79		
Friday	22.10	22.92		
Saturday	21.74	22.65		
Sunday	22.73	23.68		
Grand Total	22.43	23.16		

% Over PSL	% Over ACPO	% Over DFT	
4.42%	0.56%	0.04%	

vehicles are travelling over posted speed limit (30mph)

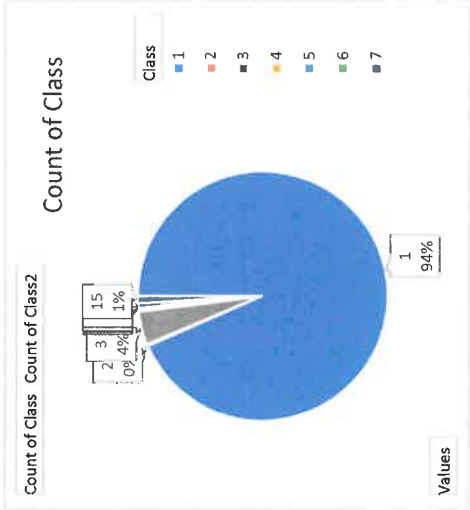
vehicles are traveling 10% +2 over PSL (35mph)

vehicles are 15mph over PSL (45mph)



Percentage of vehicles complying with a proposed signed only 30mph speed limit
94.7% (9329)
96.3% (12862)

Row Labels	Count of Class	Count of Class2
1	21694	93.44%
2	46	0.20%
3	1024	4.41%
4	57	0.25%
5	33	0.14%
6	2	0.01%
7	1	0.00%
8	4	0.02%
9	1	0.00%
14	136	0.59%
15	219	0.94%
Grand Total	23217	100.00%



Class	Axes	Groups	Description	Parameters	Dominant Vehicle	Aggregate
1	SV	2	1 OR 2	Short - Car, light Van		Light
2	SVT	3, 4 OR 5	3	Short Towing - Trailer, Caravan, Boat, etc.		
3	TB2	2	2	Two axle truck or Bus		
4	TB3	3	2	Three axle truck or Bus		Medium
5	T4	>3	2	Four axle truck		
6	ART3	3	3	Three axle articulated vehicle or Rigid vehicle and trailer		
7	ART4	4	>2	Four axle articulated vehicle or Rigid vehicle and trailer		Heavy
8	ART5	5	>2	Five axle articulated vehicle or Rigid vehicle and trailer		
9	ART6	>6	>2	Six (or more) axle articulated vehicle or Rigid vehicle and trailer		
10	BD	>6	4	B-Double or Heavy truck and trailer		
11	DRT	>6	5	Double road train or Heavy truck and two trailers		
12	TRT	>6	>6	Triple road train or Heavy truck and three (or more) trailers		
14	M/C	2	1 OR 2	Motorcycle		Light
15	CYCLE	2	1 OR 2	Cycle		

Week Commencing	
20 January 2025	
27 January 2025	

Compass direction	
N1	
S0	

Weekday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

Class	
1	
2	
3	
4	
5	
6	
7	
8	
9	
14	
15	

PSL	Abbreviations
	Posted Speed Limit
ACPO	Association of Chief Police Officers (Used to display the speed limit the police will generally enforce, 110% of PSL +2mph)
	Department for Transport (Used to display a speed statistic used by the government looking at vehicles travelling over 15mph above the PSL)

Row Labels	Over PSL	% Over PSL	Over ACPO	% Over ACPO	Over DFT	% Over DFT	Average of Speed
Monday	146	4.29%	20	0.55%	0	0.00%	23.11
Tuesday	180	5.39%	20	0.60%	2	0.06%	22.92
Wednesday	158	4.57%	26	0.75%	4	0.12%	23.03
Thursday	141	3.97%	15	0.42%	0	0.00%	22.61
Friday	150	3.98%	21	0.56%	0	0.00%	22.44
Saturday	138	3.95%	16	0.46%	2	0.06%	22.14
Sunday	113	5.13%	13	0.59%	1	0.05%	23.11
Grand Total	1026	4.41%	131	0.56%	9	0.04%	22.74

Count of 15 Min Interval		Column Labels													
Row Labels		05-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	55-60	60-65	70-100		
00:00:00				3	6	9	2	1	1	1					
00:15:00					1	7	1								
00:30:00				7	1	2									
00:45:00				1		1									
01:00:00				4	5	4	1	1							
01:15:00					2	2									
01:30:00					3			1							
01:45:00					1										
02:00:00						1	3								
02:15:00					2	1	1								
02:30:00						2	4								
02:45:00					2		3	1							
03:00:00							1								
03:30:00					1										
03:45:00			1	1	2			1							
04:00:00		1		1	5										
04:15:00		1		1											
04:30:00					3										
04:45:00															
05:00:00				2	4										
05:15:00				5	7	11	6	3	1						
05:30:00				2	9	7	2	1							
05:45:00			1	1	9	6	6	1							
06:00:00	1			8	14	16	4								
06:15:00				2	26	30	9	1	1						
06:30:00				7	23	35	5	1							
06:45:00				4	40	45	12	1							
07:00:00	1		1	13	38	55	15	1		1					
07:15:00	1		2	23	72	79	7	1							
07:30:00	1		2	32	107	101	25			1					
07:45:00			3	31	136	135	26	1							
08:00:00			5	35	163	144	37	4	1						
08:15:00			4	33	154	156	20								
08:30:00			7	30	196	148	20	4							
08:45:00			18	73	240	171	31	3							
09:00:00			3	58	158	128	16	2							
09:15:00			4	62	176	103	19	1							
09:30:00			5	61	195	98	12								
09:45:00	1		3	66	184	113	16	1							
10:00:00	2		11	90	199	109	12	1							
10:15:00	4		10	92	232	94	8	1							
10:30:00	3		11	93	208	101	16		1						
10:45:00	3		12	100	221	89	10	1							
11:00:00	4		11	102	256	103	14	1	1						
11:15:00	4		11	128	251	76	4	2							
11:30:00			16	139	228	97	16								
11:45:00	2		18	130	269	102	9								
12:00:00	2		23	160	291	93	10								
12:15:00	4		15	153	253	98	13	1	1						
12:30:00	9		30	154	275	92	11								
12:45:00	5		12	121	260	89	12	1							
13:00:00	7		15	138	247	109	15	2							
13:15:00	5		13	100	263	88	8			1					
13:30:00	4		11	102	230	85	11	2							
13:45:00	1		16	120	210	104	8	2							

