

AIR

24-hour AADT	ATC 1. Market Street			ATC 2. Harbour Access Road			Scenario
	Total Traffic	LDV*	HDV	Total Traffic	LDV*	HDV	
Marina Project Construction Traffic	200	100	100	200	100	100	Predicted construction traffic
Proposed Marina Project Operational Traffic	336	0	0	0	0	0	Proposed marina project development traffic
Planning Application Construction Traffic	48	24	24	48	24	24	Planning application predicted construction traffic within EIA traffic scope
Planning Application Operational Traffic	438	0	0	0	0	0	Planning application predicted operational traffic within EIA traffic scope
2020 Predicted	5760	349	406	51	6	1	Historical Reference Year 1
2022 Predicted	5806	352	409	51	6	1	Historical Reference Year 2
2024 Survey	5876	356	414	52	6	1	Survey Year
2026 Interim Baseline	5946	360	419	53	6	1	Interim Year
2028 Baseline	5971	361	421	53	6	1	Opening year without any development
<b>Marina Project Impact</b>							
2026 Construction Start	6146	460	519	253	106	101	First Year of Construction
2028 Baseline + Marina Project	6307	361	421	53	6	1	Opening year with proposed development without planning application development
<b>Cumulative Impact</b>							
2026 Construction Start	6194	484	543	301	130	125	First Year of Construction
2028 Baseline + Marina Project + Planning Application Development	6745	361	421	53	6	1	Opening year with proposed and planning application development

Scenario \ 24-hour AADT	ATC A. Charlotte Street			ATC B. George Street		
	Total Traffic	LDV*	HDV	Total Traffic	LDV*	HDV
2023 Survey	3694	224	260	6155	373	434
2020 Predicted	3643	221	257	6070	367	428
2022 Predicted	3672	222	259	6118	370	431
2024 Predicted	3717	225	262	6192	375	436

Annual Average Daily Traffic  
 Marina Project / Planning Application Traffic  
 \* Assumed UK Commercial Vehicle % (2022)

AADT  
 Refer to Technical Note / EIA Traffic Chapter for details  
 13.1%

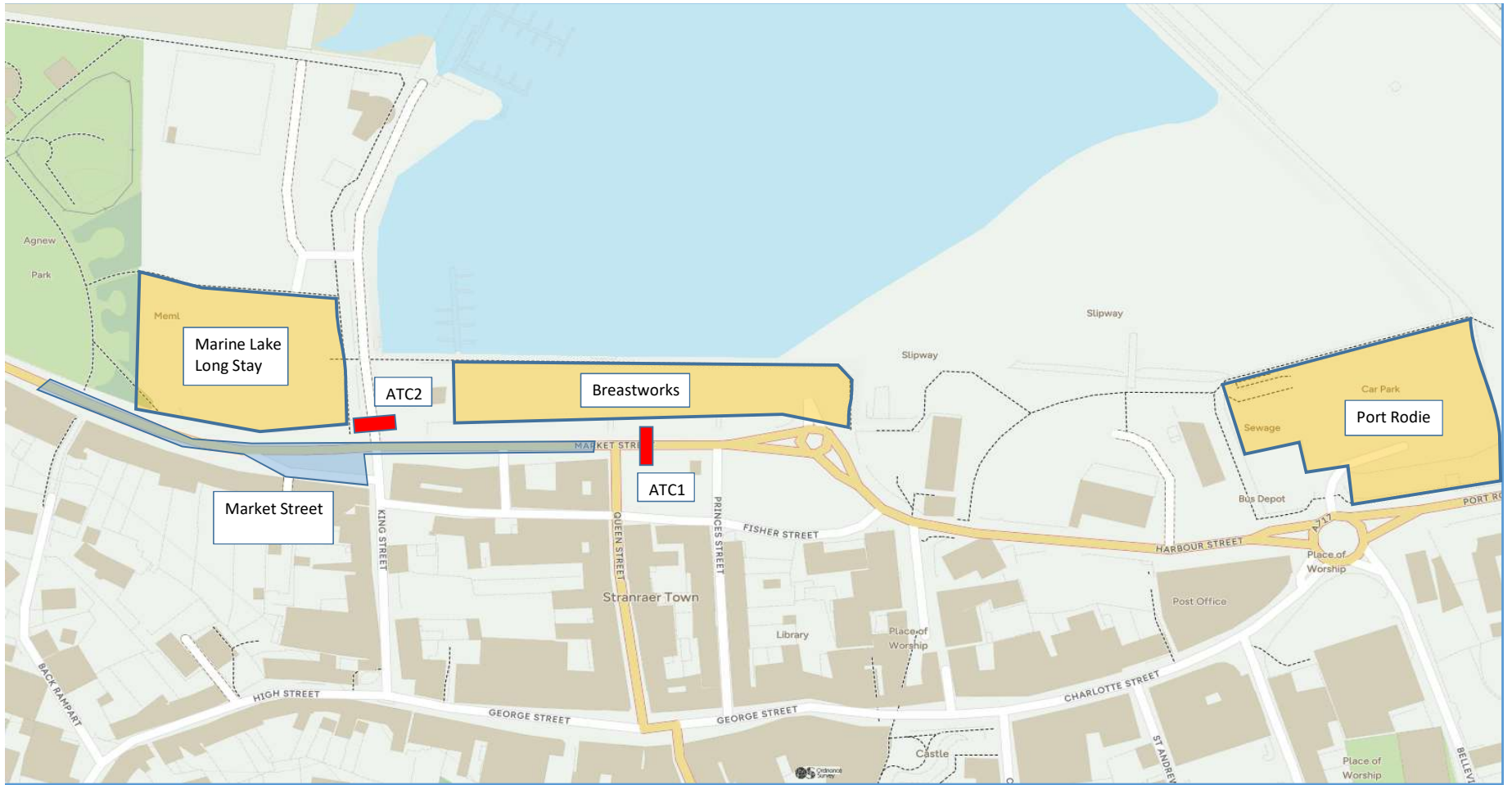
**NOISE**

18-hour AAWT (0600-2400)	ATC 1. Market Street			ATC 2. Harbour Access Road			Phase	Scenario
	Total Traffic	HDV	%HDV	Total Traffic	HDV	%HDV		
Marina Project Construction Traffic	200	100	50.00%	200	100	50.00%	calculation	
Proposed Marina Project Operational Traffic	336	0	0.00%	0	0	0.00%	calculation	
Planning Application Construction Traffic	48	24	49.70%	48	24	50.00%	calculation	
Planning Application Operational Traffic	438	0	0.00%	0	0	0.00%	calculation	
2024 Survey	5987	464	7.75%	56	2	3.57%	Pre-construction	
2026 Interim Year	6058	470	7.75%	57	2	3.57%	Pre-construction	
2028 Baseline	6083	471	7.75%	57	2	3.57%	Opening year	DMOY
2043 Baseline	6016	466	7.75%	56	2	3.57%	Future year	DMFY
<b>Marina Project Impact</b>								
2026 Construction Start	6258	570	9.10%	257	102	39.75%	Construction	
2028 Baseline + Marina Project	6419	471	7.34%	57	2	3.57%	Operation	DSOY
2043 Baseline + Marina Project	6352	466	7.34%	56	2	3.57%	Operation	DSFY
<b>Cumulative Impact</b>								
2026 Construction Start	6307	594	9.41%	305	126	41.36%	Construction	
2028 Baseline + Marina Project + Planning Applications	6858	471	6.87%	57	2	3.57%	Operation	DSOY
2043 Baseline + Marina Project + Planning Applications	6790	466	6.87%	56	2	3.57%	Calculation	DSFY

Weekday Vehicle Speeds (mph)	ATC 1.	ATC 2.
Mean	22.8	9.4
85th%ile	26.5	11.9

Annual Average Weekday Traffic  
Marina Project / Planning Application Traffic

AAWT  
Refer to Technical Note / EIA Traffic Chapter for details



Stranraer Active Travel Links  
Concept Designs Final Report

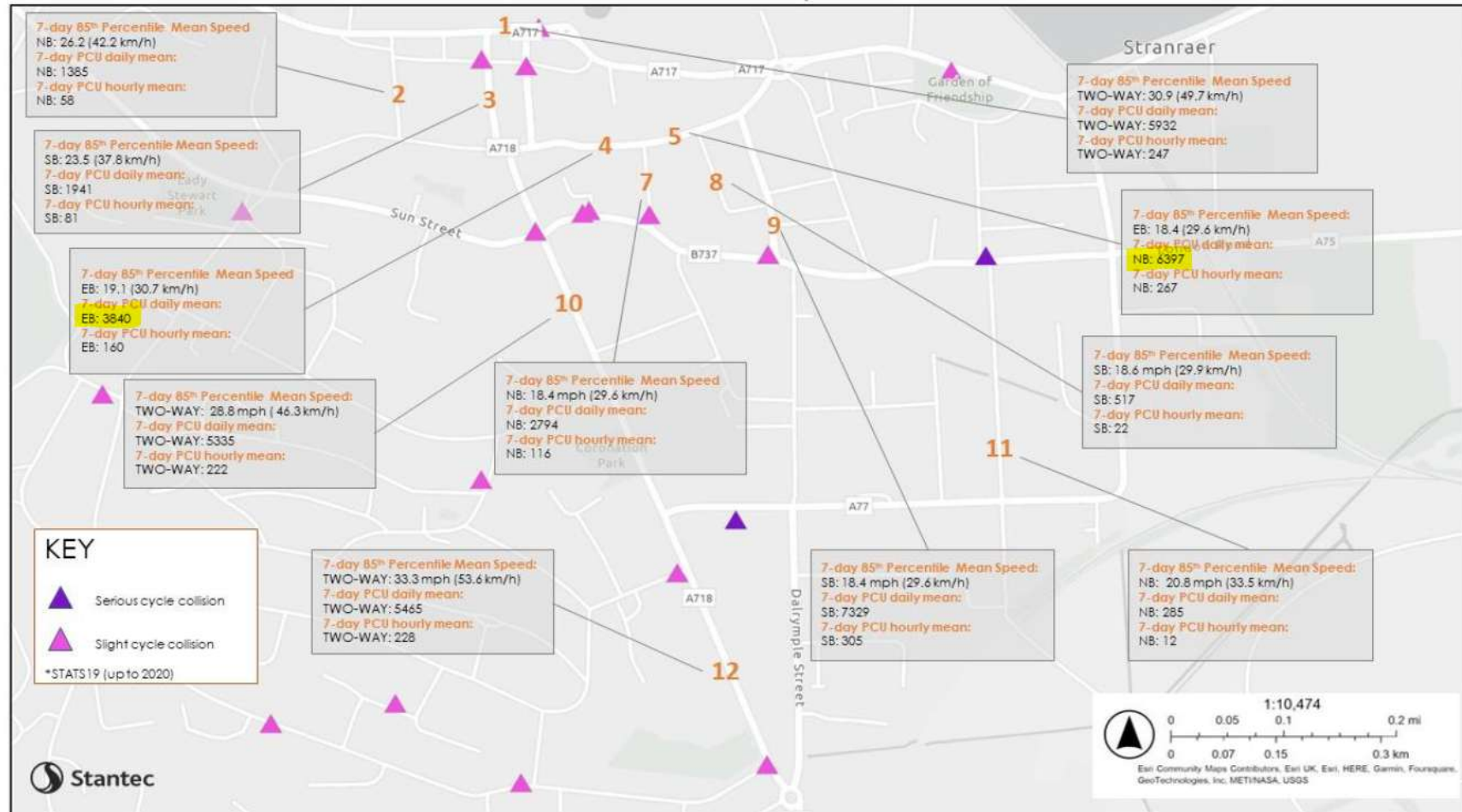


Figure 4-4 Summary of Traffic Volumes, Speeds and Collisions

Jun-23



**15701 / Stranraer Marina  
July 2024  
Automatic Traffic Count**

Site No.	Location.	Direction.	Speed Limit - PSL (mph)	Start Date.	End Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > ACPO Limit.	% > ACPO Limit.	No. > DfT Limit.	% > DfT Limit.	Mean Speed	85%ile Speed
1.1	Market Street between Princes Street & Queen Street	East	20	Tuesday, 09 July 2024	Monday, 15 July 2024	16970	2425	2424	12441	73.3	4643	27.4	26	0.2	22.1	25.6
		West	20	Tuesday, 09 July 2024	Monday, 15 July 2024	22344	3132	3192	14312	64.1	5445	24.4	40	0.2	21.3	25.4
		East West	20	Tuesday, 09 July 2024	Monday, 15 July 2024	39314	5558	5616	26753	68.1	10088	25.7	66	0.2	21.7	25.5

Site No.	Location.	Direction.	Speed Limit - PSL (mph)	Start Date.	End Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > ACPO Limit.	% > ACPO Limit.	No. > DfT Limit.	% > DfT Limit.	Mean Speed	85%ile Speed
1.2	Market Street between Princes Street & Queen Street	East	20	Tuesday, 16 July 2024	Monday, 22 July 2024	18214	2731	2602	14833	81.4	6769	37.2	40	0.2	23.0	26.5
		West	20	Tuesday, 16 July 2024	Monday, 22 July 2024	22916	3323	3274	17439	76.1	8375	36.6	93	0.4	22.7	26.8
		East West	20	Tuesday, 16 July 2024	Monday, 22 July 2024	41130	6054	5876	32272	78.5	15144	36.8	133	0.3	22.8	26.7

Site No.	Location.	Direction.	Speed Limit - PSL (mph)	Start Date.	End Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > ACPO Limit.	% > ACPO Limit.	No. > DfT Limit.	% > DfT Limit.	Mean Speed	85%ile Speed
2.1	Marina Access Road north of Market Street	North	15	Tuesday, 09 July 2024	Monday, 15 July 2024	150	19	21	2	1.3	0	0.0	0	0.0	8.3	10.4
		South	15	Tuesday, 09 July 2024	Monday, 15 July 2024	165	20	24	1	0.6	0	0.0	0	0.0	7.1	9.9
		North South	15	Tuesday, 09 July 2024	Monday, 15 July 2024	315	39	45	3	1.0	0	0.0	0	0.0	7.7	10.1

Site No.	Location.	Direction.	Speed Limit - PSL (mph)	Start Date.	End Date.	Total Vehicles.	5 Day Ave.	7 Day Ave.	No. > Speed Limit.	% > Speed Limit.	No. > ACPO Limit.	% > ACPO Limit.	No. > DfT Limit.	% > DfT Limit.	Mean Speed	85%ile Speed
2.2	Marina Access Road north of Market Street	North	15	Tuesday, 16 July 2024	Monday, 22 July 2024	177	26	25	2	1.1	0	0.0	0	0.0	9.0	10.9
		South	15	Tuesday, 16 July 2024	Monday, 22 July 2024	187	26	27	0	0.0	0	0.0	0	0.0	8.6	11.3
		North South	15	Tuesday, 16 July 2024	Monday, 22 July 2024	364	51	52	2	0.5	0	0.0	0	0.0	8.8	11.0



15701 / Stranraer Marina  
July 2024  
Automatic Traffic Count

1.1 Virtual Week (1)

Time	Total	Classification											
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT
Mon	6021	51	5464	38	398	22	18	4	12	6	7	1	0
Tue	4975	18	4521	6	221	169	28	0	6	1	5	0	0
Wed	5402	33	4947	18	290	76	16	4	9	8	1	0	0
Thu	5476	43	4987	19	320	60	18	2	16	5	6	0	0
Fri	5914	60	5406	22	334	47	23	4	7	4	4	3	0
Sat	5917	56	5490	25	257	65	10	4	5	1	3	1	0
Sun	5609	48	5296	7	206	29	9	7	4	1	1	0	1
<b>5 Day Ave.</b>	<b>5558</b>	<b>41</b>	<b>5065</b>	<b>21</b>	<b>313</b>	<b>75</b>	<b>21</b>	<b>3</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>0</b>
<b>7 Day Ave.</b>	<b>5616</b>	<b>44</b>	<b>5159</b>	<b>19</b>	<b>289</b>	<b>67</b>	<b>17</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>0</b>
--	39314	309	36111	135	2026	468	122	25	59	26	27	5	1

1.2 Virtual Week (1)

Time	Total	Classification											
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT
Mon	5782	43	5257	23	399	22	13	1	13	3	8	0	0
Tue	5933	47	5371	29	411	33	15	5	14	4	4	0	0
Wed	6066	37	5493	27	442	22	17	2	13	7	6	0	0
Thu	5851	27	5360	14	365	51	17	3	8	2	4	0	0
Fri	6636	32	6117	20	377	51	19	0	7	2	10	1	0
Sat	5876	15	5544	16	217	64	7	1	4	5	2	0	1
Sun	4986	40	4708	9	188	30	8	2	0	1	0	0	0
<b>5 Day Ave.</b>	<b>6054</b>	<b>37</b>	<b>5520</b>	<b>23</b>	<b>399</b>	<b>36</b>	<b>16</b>	<b>2</b>	<b>11</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>7 Day Ave.</b>	<b>5876</b>	<b>34</b>	<b>5407</b>	<b>20</b>	<b>343</b>	<b>39</b>	<b>14</b>	<b>2</b>	<b>8</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>0</b>
--	41130	241	37850	138	2399	273	96	14	59	24	34	1	1

2.1 Virtual Week (1)

Time	Total	Classification											
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT
Mon	70	2	65	0	3	0	0	0	0	0	0	0	0
Tue	36	0	33	0	3	0	0	0	0	0	0	0	0
Wed	32	1	31	0	0	0	0	0	0	0	0	0	0
Thu	23	1	21	0	1	0	0	0	0	0	0	0	0
Fri	33	0	33	0	0	0	0	0	0	0	0	0	0
Sat	53	1	50	1	1	0	0	0	0	0	0	0	0
Sun	68	1	65	0	2	0	0	0	0	0	0	0	0
<b>5 Day Ave.</b>	<b>39</b>	<b>1</b>	<b>37</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>7 Day Ave.</b>	<b>45</b>	<b>1</b>	<b>43</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
--	315	6	298	1	10	0	0	0	0	0	0	0	0

2.2 Virtual Week (1)

Time	Total	Classification											
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT
Mon	48	0	48	0	0	0	0	0	0	0	0	0	0
Tue	56	0	54	0	2	0	0	0	0	0	0	0	0
Wed	44	0	43	0	1	0	0	0	0	0	0	0	0
Thu	60	1	59	0	0	0	0	0	0	0	0	0	0
Fri	48	1	45	0	2	0	0	0	0	0	0	0	0
Sat	40	0	37	0	3	0	0	0	0	0	0	0	0
Sun	68	4	62	0	2	0	0	0	0	0	0	0	0
<b>5 Day Ave.</b>	<b>51</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>7 Day Ave.</b>	<b>52</b>	<b>1</b>	<b>50</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
--	364	6	348	0	10	0	0	0	0	0	0	0	0

ATC SITE 1

Day	Total	Classification												Speed	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT	Mean	Vpp 85
Monday, 15 July 2026	5891	50	5349	38	385	21	18	4	12	6	7	1	0	22.6	26.3
Tuesday, 16 July 2024	5814	46	5270	29	396	31	15	5	14	4	4	0	0	22.6	26.5
Wednesday, 17 July 2024	5972	35	5414	26	431	22	16	2	13	7	6	0	0	22.7	26.3
Thursday, 18 July 2025	5745	26	5274	14	351	48	15	3	8	2	4	0	0	22.8	26.5
Friday, 19 July 2025	6513	32	6009	20	366	47	19	0	7	2	10	1	0	22.7	26.5
Average	5987	38	5464	26	386	34	17	3	11	5	7	1	0	max 22.8	26.5

ATC SITE 2

Day	Total	Classification												Speed	
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT	Mean	Vpp 85
Monday, 15 July 2026	70	2	65	0	3	0	0	0	0	0	0	0	0	7.8	10.1
Tuesday, 16 July 2024	56	0	54	0	2	0	0	0	0	0	0	0	0	9	10.8
Wednesday, 17 July 2024	44	0	43	0	1	0	0	0	0	0	0	0	0	9.3	11.9
Thursday, 18 July 2025	60	1	59	0	0	0	0	0	0	0	0	0	0	8.6	10.9
Friday, 19 July 2025	48	1	45	0	2	0	0	0	0	0	0	0	0	9.4	11.7
Average	56	1	54	0	2	0	0	0	0	0	0	0	0	max 9.4	11.9