



SWISSTRAFFIC.ai

How to export TMC (turning movement counts)?

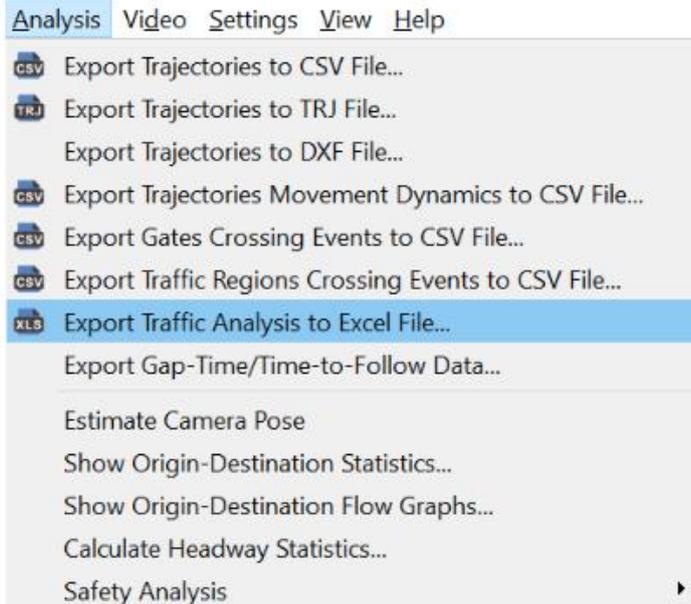
Looking for interval data? Sure! Check our Turning movement counts!

If you are looking for **gate statistics** in relation to time, you can use **Turning Movement Counts** export. Based in this report you can get the information about moving objects within gates per 3 defined time periods (Minor, Major and Overall). **The length of each period is up to you!**

Survey report - Turning movements - Summary						
Period	Exit Gate 4	Exit Gate 3	Exit Gate 2	Exit Gate 1	Total	
12:00:00 - 12:00:29 (30 seconds)	1	4	0	0	5	
12:00:30 - 12:00:59 (30 seconds)	0	4	1	0	5	

Survey report - Gate Statistics						
	Entry Gate 1	Entry Gate 4	Entry Gate 3	Entry Gate 2	Entry Gate 0	
Min speed [km/h]	8.49	12.92	11.79	11.38	19.95	
Max speed [km/h]	39.65	27.48	32.44	28.78	40.41	
Average speed [km/h]	23.85	19.74	24.08	19.61	29.35	
Car count	47	19	47	21	31	
Medium Vehicle count	0	4	1	2	0	
Heavy Vehicle count	0	0	1	0	4	
Bus count	1	0	0	0	1	
Motorcycle count	2	0	0	0	0	
Bicycle count	0	0	0	0	0	
Pedestrian count	0	0	0	0	0	
Number of all vehicles	50	23	49	23	36	

To **export** data about **Turning movements**, go to Analysis menu and chose Export Traffic Analysis to Excel File.



Whole video sequence – You can choose whether to export the whole video or only part of it.
Turning Movements Analysis Periods – Division of analysis into sub-intervals into 3 categories:

- **Minor** – The whole analysis will be split to minor intervals.
- **Major** – Intervals are defined by the number of Minor intervals.
- **Overall** – Intervals are defined by number of Major intervals.



The exported excel file is consisted of the sheet **Overview, Gate Statistics and Turning movements** (overall and split by object category):

Overview sheet is divided to two separate parts:

Survey overview that includes information about the video (date, time and length of video creation) and information about Minor, Major and Overall Period.

Overall statistics: you can see the overview of objects, number of objects from each category, total distance travelled within the video or Average speed in analysed video.

Survey report		
Survey overview		
Date		2000-01-01
Start time		12:00:00
End time		12:05:01
Total period		00:05:01
Location		
Analysis Minor Period		00:30
Analysis Major Period		03:00
Analysis Overall Period		Disabled
Intersection type		Signalized Intersection
Description		
Overall statistics		
Number of tracked objects		188
Car count		172
Medium Vehicle count		7
Heavy Vehicle count		5
Bus count		2
Motorcycle count		2
Bicycle count		0
Pedestrian count		0
Total distance traveled [m]		23377.73
Average speed in analyzed area [km/h]		25.45
► Overview Gate Statistics Turning movements - Summary		

Sheet Gate Statistics summarize information such as **minimal, maximal and average speed of objects at the moment of passing each gate** and you can see **count of each object that passed through defined gate** as well.

Survey report - Gate Statistics

	Entry Gate 1	Entry Gate 4	Entry Gate 3	Entry Gate 2	Entry Gate 0	Exit Gate 4	Exit Gate 3	Exit Gate 2	Exit Gate 1	Neutral Gate 3	Neutral Gate 4	Neutral Gate 1	Neutral Gate 2
Min speed [km/h]	8.49	12.92	11.79	11.38	19.95	7.36	22.54	25.44	11.78	19.97	19.75	19.19	20.66
Max speed [km/h]	39.65	27.48	32.44	28.78	40.41	40.69	37.15	46.03	36.68	33.11	33.78	32.84	34.38
Average speed [km/h]	23.95	19.74	24.08	19.61	29.35	28.12	29.63	32.14	27.96	25.02	25.74	24.61	25.62
Car count	47	19	47	21	31	29	49	28	28	20	50	32	38
Medium Vehicle count	0	4	1	2	0	2	1	2	2	4	1	3	3
Heavy Vehicle count	0	0	1	0	4	1	0	0	0	0	0	1	1
Bus count	1	0	0	0	1	0	1	0	0	0	1	0	0
Motorcycle count	2	0	0	0	0	0	2	0	0	0	2	0	0
Bicycle count	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedestrian count	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of all vehicles	50	23	49	23	36	32	53	30	30	24	54	36	42

Sheet Turning movements – Summary includes **gate passing information** for each entry and exit gate in each **defined minor, major and overall period** that you have set. Other sheets display turning movements for each category of object separately (cars, medium vehicles, heavy vehicles, bus, motorcycle, bicycle and pedestrians).

Survey report - Turning movements - Summary

Entry gate - Entry Gate 1						
Period	Exit Gate 4	Exit Gate 3	Exit Gate 2	Exit Gate 1	Total	
12:00:00 - 12:00:29 (30 seconds)	1	4	0	0	5	
12:00:30 - 12:00:59 (30 seconds)	0	4	1	0	5	
12:01:00 - 12:01:29 (30 seconds)	0	3	0	0	3	
12:01:30 - 12:01:59 (30 seconds)	1	3	0	0	4	
12:02:00 - 12:02:29 (30 seconds)	2	6	0	0	8	
12:02:30 - 12:02:59 (30 seconds)	1	0	0	0	1	
12:00:00 - 12:02:59 (3 minutes)	5	20	1	0	26	
12:03:00 - 12:03:29 (30 seconds)	1	0	0	0	1	
12:03:30 - 12:03:59 (30 seconds)	0	9	1	0	10	
12:04:00 - 12:04:29 (30 seconds)	0	10	0	0	10	
12:04:30 - 12:04:59 (30 seconds)	1	2	0	0	3	
12:05:00 - 12:05:01 (1 seconds)	0	0	0	0	0	
12:03:00 - 12:05:01 (2 mins 1 sec)	2	21	1	0	24	
Total (whole sequence)	7	41	2	0	50	

Overview

Gate Statistics

Turning movements - Summary

Turning movements - Car