

*Traffic Data Collection*

**HALIFAX**

# **How to Read Traffic Data Reports**

**There are several common types of traffic data collection reports that HRM prepares. Examples of these reports are shown in this document with informative aids on how to read these reports.**

**Select a report type below to learn more:**

- Speed
- Volume
- Classification
- Turning Movement Count
- Speed Display Sign

# Speed Reports



Typically, a minimum of 7 days of data, 24 hours per day



Collected by radar



Produces 85<sup>th</sup> percentile speed



Broken down into directional speeds

## Speed Data Report Example

	A	I	P	Q	W	X	Y	AF	AK	AQ	AT	AV	AW
1	For Project:	25RQ008											
2	Project Notes:	Capstone Cres - Between Gary Martin Dr and Gary Martin Dr - Civic 123											
3	Location/Name:	Merged											
4	Report Generated:	2/6/2025	11:59										
5	Speed Intervals	1 km/h											
6	Time Intervals	Instant											
7	Traffic Report From	1/30/2025	16:00:00	through	2/6/2025	09:59:59							
8	85th Percentile Speed	41 km/h											
9	85th Percentile Vehicles	2201											
10	95th Percentile Speed	44 km/h											
11	Total Vehicles	2589											
12	AWT:	400											
13	AAWT:	433											
14	Volumes - weekly counts												
15													
16													
17	Average Daily	346	350										
18	AM Peak	45	34										
19	PM Peak	39	38										
20	Speed												
21	Speed Limit:	50											
22	85th Percentile Speed:	41											
23	Average Speed:	34.21											
24		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday					
25	Count over limit	4	3	6	5	3	1	2					
26	% over limit	1.0	0.8	1.5	1.9	0.7	0.3	0.5					
27	Avg Speeder	55.3	55.3	54.3	52.8	55.0	51.0	53.0					
28	Class Counts												
29		Number		%									
30	VEH_SM	9		0.3									
31	VEH_MED	2489		96.1									
32	VEH_LG	91		3.5									
33	[VEH_SM=motorcycle,	VEH_MED = sedan,		VEH_LG = truck]									
34													

AAWT: Average annual weekday traffic volume. Weekday average of the total number of vehicles captured with a seasonal factor applied to account for volume fluctuations throughout seasons.

Tabs to view raw directional and combined speed data.

[Merged Summary](#) | 
 [Merged Weekly Speeds](#) | 
 [Merged Weekly 85th Speeds](#) | 
 [Summary SB](#) | 
 [Weekly Speeds SB](#) | 
 [Weekly 85th Speeds SB](#) | 
 [Summary NB](#) | 
 [Weekly Speeds NB](#) | 
 [Weekly 85th Speeds NB](#)

## Speed Data Report Example 2

Merged Weekly Speeds											from Thu-Jan-30-2025-04-00-PM to Thu-Feb-06-2025-09-59-AM									
25RQ008											Capstone Cres - Between Gary Martin Dr and Gary Martin Dr - Civic 123									
Hour											Page 1									
2/3/2025											Week Day 85th Avg Speed									
Monday											Avg									
2/3/2025											Week Day 85th Avg Speed									
0 - 1											51									
1 - 2											38									
2 - 3											44									
3 - 4											46									
4 - 5											35									
5 - 6											35.75									
6 - 7											37.75									
7 - 8											40.25									
8 - 9											40.55									
9 - 10											39.75									
10 - 11											40.77									
11 - 12											39.17									
12 - 13											42.33									
13 - 14											42.17									
14 - 15											41.93									
15 - 16											40.17									
16 - 17											41.5									
17 - 18											40.43									
18 - 19											38.6									
19 - 20											40.4									
20 - 21											39.33									
21 - 22											40									
22 - 23											39.67									
23 - 24											45.22									
Totals											698.2									
% of Total											28.05%									
Average hourly speeds.											View single direction or merged, overall or 85th percentile speeds.									
Page 2											4									
Merged Summary											Merged Weekly 85th Speeds									
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How to Read Traffic Count Reports

HALIFAX

# Volume Reports



Typically, a minimum of 7 days of data, 24 hours per day



Collected by radar



Produces Average Annual Weekday Traffic (AAWT) Volume



Broken down into directional volumes



Expressed as total of all vehicle types

# Volume Data Report Example

Location

	A	B	C	D	E	F	G	H	I	J	K	L
1	Merged Weekly Counts											
2	25RQ263											
3	Shannon Dr - Between Salmon River Dr and Richardson Dr - Civic 5											
4	AWT: 419											
5	AAWT: 405											
6		6/9/2025	to	6/15/2025								
7		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week	Weekend	Week Day 85%	
8	Hour	6/9/2025	6/10/2025	6/11/2025	6/12/2025	6/13/2025	6/14/2025	6/15/2025	Day Avg	Avg	Avg Speed	
9	0 - 1	*	1	4	1	2	1	5	2	2	33.75	
10	1 - 2	*	1	1	1	1	5	2	1	2.5	39	
11	2 - 3	*	0	0	0	0	1	0	0	0.5	0	
12	3 - 4	*	0	0	1	0	0	0	0.25	0	44	
13	4 - 5	*	0	2	0	3	0	0	1.25	0	40.5	
14	5 - 6	*	5	8	7	5	0	0	6.25	0	39.5	
15	6 - 7	*	18	21	21	19	2	1	19.75	1.5	46.12	
16	7 - 8	*	42	47	34	28	7	9	37.75	8	43.58	
17	8 - 9	*	26	30	14	31	13	15	25.25	14	41.75	
18	9 - 10	*	10	14	24	24	22	26	18	24	44.88	
19	10 - 11	*	12	16	31	39	39	28	19.5	33.5	47.2	
20	11 - 12	*	17	24	13	26	27	25	20	26	45.12	
21	12 - 13	*	23	25	16	22	22	35	21.5	28.5	44.25	
22	13 - 14	28	24	24	29	34	31	27	27.8	29	44.8	
23	14 - 15	22	17	27	26	34	25	27	25.2	26	43.7	
24	15 - 16	30	22	34	39	37	22	39	32.4	30.5	44.3	
25	16 - 17	38	48	47	44	34	20	31	42.2	25.5	44.98	
26	17 - 18	31	31	28	40	30	27	24	32	25.5	45.9	
27	18 - 19	27	32	33	28	23	18	15	28.6	16.5	46	
28	19 - 20	18	13	22	30	19	12	10	20.4	11	44.5	
29	20 - 21	25	15	17	8	25	13	17	18	15	45.2	
30	21 - 22	14	12	17	11	13	5	7	13.4	6	42.7	
31	22 - 23	2	9	6	3	8	3	4	3.6	3.5	37.6	
32	23 - 24	2	0	1	0	2	8	1	1	4.5	38	
33	Totals	237	378	448	411	449	321	346				
34	% of Total	9.15%	14.59%	17.3%	15.87%	17.34%	12.39%	13.36%				
35												

from Mon-Jun-09-2025-01-00-PM to Tue-Jun-17-2025-10-59-AM

Dates of collection

Average annual weekday traffic volume. Weekday average of the total number of vehicles captured with a seasonal factor applied to account for volume fluctuations throughout seasons.

Hourly volumes.

AAWT is a metric used in project reviews.

View single direction or merged.

# Classification Reports



Typically collected over 7 days or a single 24 hours



Collected by radar or Miovision cameras



Classifies vehicles into 3, 5 or 13 categories



Can be broken down into directional volumes

7



## Classification Data Report Example – 3 Bins

1

For Project:

25RQ307

2

Project Notes:

Borden St - Between Adelaide Ave and Main Ave - Civic 6

3

Location/Name:

Merged

4

Report Generated:

6/25/2025

10:05

5

Speed Intervals

1 km/h

6

Time Intervals

Instant

7

Traffic Report From

6/16/2025

15:00:00

through

6/24/2025

09:59:59

8

85th Percentile Speed

34 km/h

9

85th Percentile Vehicles

577

10

95th Percentile Speed

37 km/h

11

Total Vehicles

679

12

AWT:

97

13

AAWT:

93

14

Volumes - weekly counts

15

16

17

Average Daily

5 Day

7 Day

18

AM Peak

08:00

5

5

19

PM Peak

04:00

11

10

20

Speed

21

Speed Limit:

50

22

85th Percentile Speed:

34

23

Average Speed:

27.23

24

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

25

Count over limit

0

1

2

0

2

0

1

26

% over limit

0.0

0.9

2.1

0.0

1.7

0.0

1.7

27

Avg Speeder

0.0

54.0

55.0

0.0

51.0

0.0

57.0

28

Class Counts

29

Number

%

30

VEH\_SM

9

1.3

31

VEH\_MED

648

95.4

32

VEH\_LG

22

3.2

33

[VEH\_SM=motorcycle,

VEH\_MED = sedan,

VEH\_LG = truck]

Location

Dates of collection

# Classification Data Report Example – 5 Bins

Halifax Regional Municipality (Dartmouth, NS)  
PO Box 1749  
Halifax, Nova Scotia, Canada B3J 3A5  
(902) 490-4866 trafdata@halifax.ca

Count Name: 25RQ306  
Site Code: Victoria Rd - Between Albrow Lake Rd  
and Hwy 111  
Start Date: 06/17/2025  
Page No: 1

Location










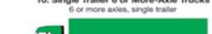
















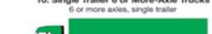
















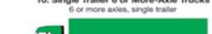







Date of collection

Direction (Southbound)

Start Time	Motorcycles	Cars & Light Goods	Buses	Single-Unit Trucks	Articulated Trucks	Total
06/17/2025 12:00 AM	0	22	1	0	0	23
12:15 AM	0	17	1	0	0	18
12:30 AM	0	9	0	0	0	9
12:45 AM	0	6	1	0	0	7
1:00 AM	1	8	0	1	1	11
1:15 AM	0	8	0	0	0	8
1:30 AM	0	5	0	0	0	5
1:45 AM	0	5	0	0	0	5
2:00 AM	0	10	0	0	0	10
2:15 AM	0	6	0	0	0	6
2:30 AM	0	5	0	0	0	5
2:45 AM	0	1	0	0	0	1
3:00 AM	0	3	0	0	0	3
3:15 AM	0	3	0	0	0	3
3:30 AM	0	1	0	0	0	1
3:45 AM	0	4	0	1	0	5
4:00 AM	0	1	0	1	0	2
4:15 AM	0	6	0	1	0	7
4:30 AM	0	8	0	1	0	9
4:45 AM	0	3	0	0	0	3
5:00 AM	0	15	0	1	0	16
5:15 AM	0	26	0	0	0	26
5:30 AM	0	30	1	2	0	33
5:45 AM	1	36	3	0	0	40
6:00 AM	0	70	2	0	0	72
6:15 AM	0	75	6	3	1	85
6:30 AM	1	91	6	2	0	100
6:45 AM	1	108	1	6	0	116
7:00 AM	0	87	3	5	1	96
7:15 AM	0	109	2	6	0	117
7:30 AM	0	126	3	6	0	135
7:45 AM	0	113	3	1	1	118
8:00 AM	0	151	3	1	0	155
8:15 AM	0	159	4	3	0	166
8:30 AM	1	187	2	2	1	193
8:45 AM	1	171	6	2	1	181
9:00 AM	0	147	3	3	2	155
9:15 AM	0	100	3	4	1	108
9:30 AM	0	122	4	2	1	129
9:45 AM	1	109	2	2	4	118
10:00 AM	1	94	2	4	3	104
10:15 AM	0	109	3	5	0	117
11:30 PM	0	16	0	0	0	16
11:45 PM	0	17	2	0	0	19
Total	55	7999	210	166	29	8459
Total %	0.7	94.6	2.5	2.0	0.3	100.0
AM Times	7:30 AM	8:15 AM	8:00 AM	10:00 AM	9:30 AM	8:15 AM
AM Peaks	0	664	15	18	8	695
PM Times	2:45 PM	4:15 PM	5:15 PM	12:15 PM	12:45 PM	4:15 PM
PM Peaks	10	627	23	19	3	653

Vehicle classification groupings

## Classification Data Report Example – 13 Bins

HALIFAX REGIONAL MUNICIPALITY TRAFFIC AND RIGHT OF WAY PO BOX 1749, HALIFAX, NS B3J 3A5																																																											
Location																																																											
Victoria Rd - Between Albro Lake Rd and Hwy 111 EB Ramp																																																											
SITE CODE	25RQ306	START DATE	17-Jun-25	END DATE	17-Jun-25																																																						
<table border="1"> <thead> <tr> <th>FHWA Classification</th> <th>Volume Counted</th> <th>Percentage</th> </tr> </thead> <tbody> <tr><td>CLASS 1</td><td>138</td><td>0.8%</td></tr> <tr><td>CLASS 2</td><td>17128</td><td>94.5%</td></tr> <tr><td>CLASS 3</td><td>448</td><td>2.5%</td></tr> <tr><td>CLASS 4</td><td>346</td><td>1.9%</td></tr> <tr><td>CLASS 5</td><td></td><td></td></tr> <tr><td>CLASS 6</td><td></td><td></td></tr> <tr><td>CLASS 7</td><td></td><td></td></tr> <tr><td>CLASS 8</td><td></td><td></td></tr> <tr><td>CLASS 9</td><td></td><td></td></tr> <tr><td>CLASS 10</td><td>66</td><td>0.4%</td></tr> <tr><td>CLASS 11</td><td></td><td></td></tr> <tr><td>CLASS 12</td><td></td><td></td></tr> <tr><td>CLASS 13</td><td></td><td></td></tr> <tr><td><b>AADT:</b></td><td>18126</td><td>100%</td><td></td><td></td><td></td></tr> <tr><td><b>AADT:</b></td><td>16192</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						FHWA Classification	Volume Counted	Percentage	CLASS 1	138	0.8%	CLASS 2	17128	94.5%	CLASS 3	448	2.5%	CLASS 4	346	1.9%	CLASS 5			CLASS 6			CLASS 7			CLASS 8			CLASS 9			CLASS 10	66	0.4%	CLASS 11			CLASS 12			CLASS 13			<b>AADT:</b>	18126	100%				<b>AADT:</b>	16192				
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<b>FHWA Vehicle Classifications</b> <table border="1"> <tbody> <tr> <td> <b>1. Motorcycles</b>                      2 axles, 2 or 3 tires   </td> <td> <b>2. Passenger Cars</b>                      2 axles, can have 1- or 2-axle trailers   </td> <td> <b>3. Pickups, Panels, Vans</b>                      2 axles, 4-tire single units                      Can have 1 or 2 axle trailers   </td> <td> <b>4. Buses</b>                      2 or 3 axles, full length   </td> </tr> <tr> <td> <b>5. Single Unit 2-Axle Trucks</b>                      2 axles, 6 tires (dual rear tires), single-unit   </td> <td> <b>6. Single Unit 3-Axle Trucks</b>                      3 axles, single unit   </td> <td> <b>7. Single Unit 4 or More-Axle Trucks</b>                      4 or more axles, single unit   </td> <td> <b>8. Single Trailer 3- or 4-Axle Trucks</b>                      3 or 4 axles, single trailer   </td> </tr> <tr> <td> <b>9. Single Trailer 5-Axle Trucks</b>                      5 axles, single trailer   </td> <td> <b>10. Single Trailer 6 or More-Axle Trucks</b>                      6 or more axles, single trailer   </td> <td>  </td> <td></td> </tr> <tr> <td> <b>11. Multi-Trailer 5 or Less-Axle Trucks</b>                      5 or less axles, multiple trailers   </td> <td>  </td> <td></td> <td></td> </tr> <tr> <td> <b>13. Multi-Trailer 7 or More-Axle Trucks</b>                      7 or more axles, multiple trailers   </td> <td>  </td> <td> <b>12. Multi-Trailer 6-Axle Trucks</b>                      6 axles, multiple trailers   </td> <td>  </td> </tr> </tbody> </table>						<b>1. Motorcycles</b> 2 axles, 2 or 3 tires 	<b>2. Passenger Cars</b> 2 axles, can have 1- or 2-axle trailers 	<b>3. Pickups, Panels, Vans</b> 2 axles, 4-tire single units Can have 1 or 2 axle trailers 	<b>4. Buses</b> 2 or 3 axles, full length 	<b>5. Single Unit 2-Axle Trucks</b> 2 axles, 6 tires (dual rear tires), single-unit 	<b>6. Single Unit 3-Axle Trucks</b> 3 axles, single unit 	<b>7. Single Unit 4 or More-Axle Trucks</b> 4 or more axles, single unit 	<b>8. Single Trailer 3- or 4-Axle Trucks</b> 3 or 4 axles, single trailer 	<b>9. Single Trailer 5-Axle Trucks</b> 5 axles, single trailer 	<b>10. Single Trailer 6 or More-Axle Trucks</b> 6 or more axles, single trailer 			<b>11. Multi-Trailer 5 or Less-Axle Trucks</b> 5 or less axles, multiple trailers 				<b>13. Multi-Trailer 7 or More-Axle Trucks</b> 7 or more axles, multiple trailers 		<b>12. Multi-Trailer 6-Axle Trucks</b> 6 axles, multiple trailers 																																			
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AADT: Average annual daily traffic volume.  
Daily average of the total number of vehicles captured with a seasonal factor applied to account for volume fluctuations throughout seasons.

Describes the vehicles that fall under each classification.

# Turning Movement Count Reports



Collection period varies, typically includes peak hours only



Collected by Miovision cameras



Counts vehicles, pedestrians, and bicycles



Used in reviews for traffic control devices such as traffic signals and crosswalks.

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# Turning Movement Count Report Example 1

Hours of collection

Halifax Regional Municipality (Dartmouth, NS)  
PO Box 1749  
Halifax, Nova Scotia, Canada B3J 3A5

Count Name: 25RQ100  
Site Code: Lacewood Dr at Fairfax Dr  
Start Date: 05/06/2025  
Page No: 1

Location

Date of collection

## Turning Movement Data

Intersection Approaches

Hourly Volumes

Start Time	Fairfax Dr Southbound						Lacewood Dr Westbound						Fairfax Dr Northbound						Lacewood Dr Eastbound						Int. Total
	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	Right	Thru	Left	U-Turn	Peds	App. Total	
7:00 AM	38	1	7	0	1	46	5	87	2	0	1	94	2	0	8	0	0	10	16	82	11	0	1	109	259
7:15 AM	38	0	7	0	2	46	4	101	5	0	0	110	2	3	14	0	0	19	21	91	18	0	0	130	304
7:30 AM	54	2	7	0	1	63	3	133	1	0	0	137	3	2	15	0	0	20	35	104	17	0	1	158	376
7:45 AM	35	6	6	0	0	47	5	141	1	0	1	147	10	2	27	0	1	39	40	144	27	0	1	220	453
Hourly Total	165	9	27	0	4	201	17	462	9	0	2	488	17	7	64	0	1	88	121	421	73	0	3	615	1362
8:00 AM	52	2	8	0	0	62	4	137	4	0	0	145	10	4	21	0	1	35	36	135	26	0	1	197	439
8:15 AM	46	2	8	0	0	56	3	128	7	0	0	138	11	4	21	0	1	36	35	158	26	0	0	219	452
8:30 AM	46	2	7	0	0	55	4	143	10	0	1	157	5	4	21	0	3	30	45	161	31	0	0	237	479
8:45 AM	33	3	6	0	2	42	7	150	15	0	0	172	15	3	28	0	0	46	57	181	23	0	2	261	521
Hourly Total	180	9	29	0	2	218	18	558	36	0	1	612	41	15	91	0	5	147	173	635	106	0	3	914	1891
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00 AM	57	3	4	0	3	64	4	171	13	0	0	188	23	8	57	0	3	88	52	130	24	0	1	206	546
11:15 AM	27	3	8	0	0	38	5	200	17	0	1	222	24	7	57	0	3	88	64	147	32	0	1	243	591
11:30 AM	35	3	8	0	3	46	10	179	7	0	0	196	25	7	56	0	5	88	73	151	26	1	0	251	581
11:45 AM	44	8	7	0	1	59	5	142	12	0	1	159	17	9	64	0	4	90	74	163	35	0	2	272	580
Hourly Total	163	17	27	0	7	207	24	662	49	0	2	765	89	31	234	0	15	354	263	591	117	1	4	972	2258
12:00 PM	44	6	10	0	2	60	7	162	11	0	0	210	15	9	66	0	2	91	82	163	38	0	4	283	644
12:15 PM	43	7	7	0	3	57	12	176	8	0	1	195	20	9	64	0	5	93	47	175	40	0	6	262	608
12:30 PM	61	8	10	0	2	77	7	194	10	0	0	211	12	8	63	0	4	83	65	152	38	0	3	255	626
12:45 PM	44	8	8	0	1	59	5	171	10	0	2	188	20	4	81	0	1	85	80	179	27	1	3	267	596
Hourly Total	192	25	35	0	8	262	31	733	39	0	3	803	68	30	254	0	12	352	254	669	143	1	16	1067	2474
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00 PM	39	3	11	0	2	53	9	182	3	0	2	194	20	9	52	0	4	81	53	193	37	0	3	283	611
3:15 PM	57	2	9	0	0	68	12	155	7	0	0	174	14	8	44	0	2	66	61	233	40	0	2	334	642
3:30 PM	52	7	3	0	3	62	2	181	9	0	4	192	16	5	40	0	3	61	54	228	34	0	1	316	631
3:45 PM	39	2	7	0	2	48	10	234	5	0	2	249	18	9	51	0	4	78	56	204	29	0	0	289	694
Hourly Total	187	14	30	0	7	231	33	752	24	0	8	809	68	31	187	0	13	286	224	658	140	0	6	1222	2548
4:00 PM	45	4	6	0	1	55	11	194	6	0	1	211	18	3	37	0	0	58	55	203	39	0	3	297	621
4:15 PM	50	2	4	0	3	58	8	203	3	0	1	214	21	3	44	0	4	68	58	213	42	0	3	313	651
4:30 PM	42	3	1	0	0	46	9	185	5	0	0	199	11	6	39	0	5	56	45	219	49	0	2	313	614
4:45 PM	39	8	5	0	0	52	9	198	7	0	0	214	18	7	43	0	1	68	55	259	53	0	6	367	701
Hourly Total	176	17	16	0	4	209	37	780	21	0	2	838	68	19	163	0	10	250	213	894	183	0	13	1290	2587
5:00 PM	46	6	3	0	0	55	3	200	2	0	1	205	14	9	46	0	1	69	60	241	49	0	4	350	679
5:15 PM	30	3	7	0	0	40	11	213	2	0	0	226	11	2	35	0	3	48	43	241	39	0	8	323	637
5:30 PM	44	5	8	0	1	57	12	185	8	0	0	205	8	4	36	0	2	48	53	233	51	0	2	337	647
5:45 PM	38	1	2	0	0	41	8	199	5	0	0	210	14	11	33	0	1	58	55	276	43	0	3	374	683
Hourly Total	158	15	20	0	1	193	32	797	17	0	1	846	47	26	150	0	7	223	211	691	182	0	17	1384	2948
Grand Total	1221	106	184	0	33	1511	192	4774	195	0	10	5161	398	159	1143	0	63	1700	1459	5059	944	2	62	7484	15636
Approach %	80.8	7.0	12.2	0.0	-	-	3.7	92.5	9.8	0.0	-	-	23.4	9.4	87.2	0.0	-	-	19.5	87.8	12.6	0.0	-	-	-
Total %	7.7	0.7	1.2	0.0	-	9.5	1.2	30.1	1.2	0.0	-	32.6	2.5	1.0	7.2	0.0	-	10.7	9.2	31.9	8.0	0.0	-	47.1	-
All Vehicles (no classification)	1221	106	184	0	-	1511	192	4774	195	0	-	5161	398	159	1143	0	-	1700	1459	5059	944	2	-	7484	15636
% All Vehicles (no classification)	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0	-	-	-	100.0	100.0	100.0	100.0	-	-	100.0	100.0
Bicycles on Crosswalk	-	-	-	-	3	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	3	-	-
% Bicycles on Crosswalk	-	-	-	-	9.1	-	-	-	-	-	0.0	-	-	-	-	-	1.6	-	-	-	-	-	4.8	-	-
Pedestrians	-	-	-	-	30	-	-	-	-	-	19	-	-	-	-	-	82	-	-	-	-	-	59	-	-
% Pedestrians	-	-	-	-	90.9	-	-	-	-	-	100.0	-	-	-	-	-	98.4	-	-	-	-	-	95.2	-	-

## Turning Movement Count Report Example 2

Halifax Regional Municipality (Dartmouth, NS)  
PO Box 1749  
Halifax, Nova Scotia, Canada B3J 3A5

Count Name: 25RQ100  
Site Code: Lacewood Dr at Fairfax Dr  
Start Date: 05/06/2025  
Page No: 3

Location

Date of collection

Volumes moving from/exiting the approach leg

Total volumes per movement on each approach leg

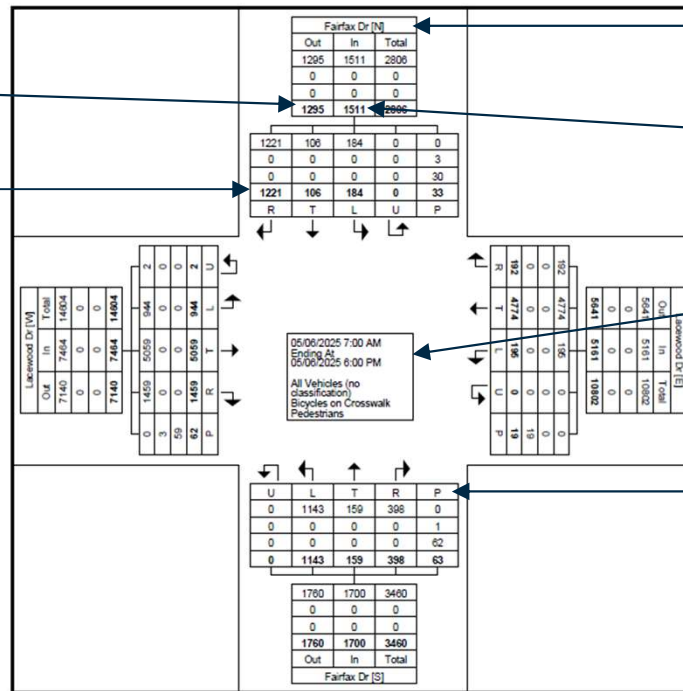
Intersection approach

Volumes moving into approach leg

Time of collection

Directions:  
R = Right Turn  
T = Through  
L = Left Turn  
U = U-Turn  
P = Pedestrian Crossing

Intersection movement volumes are typically used in warrants created by the Transportation Association of Canada to determine the need for traffic control devices (e.g. traffic signals, marked crosswalks).



Turning Movement Data Plot

# Speed Display Sign Reports



Collected over 6 months



Collected by radar



Collects one-way vehicle speeds and volumes



Expressed in weekly reports

14



# Speed Display Sign Report Example

Location: (24110011) 5795 Africville Road  
Address: 5795, Africville Road  
Speed Limit: From schedule 50 km/h

Speed Display Sign Report  
DISPLAY TURNED OFF

Report Period: 2025-01-27 to 2025-02-02  
Total Vehicle Count: 2848

Dates of collection

Hour	ONE-WAY VOLUMES							Weekday Average	Weekend Average	Week Average	Speed Average	85% Speed(km/h)
	Mon	Tue	Wed	Thu	Fri	Sat	Sun					
00:00 - 01:00	5	2	5	3	7	3	10	4	7	5	50	57
01:00 - 02:00	3	12	14	4	21	14	3	11	9	10	48	60
02:00 - 03:00	n/a	3	5	n/a	3	1	2	4	2	3	30	42
03:00 - 04:00	1	n/a	1	2	2	n/a	n/a	2	n/a	2	36	47
04:00 - 05:00	n/a	3	1	2	4	2	1	3	2	2	45	48
05:00 - 06:00	6	7	6	6	n/a	3	n/a	6	3	6	44	52
06:00 - 07:00	9	11	12	9	10	4	5	10	5	9	48	56
07:00 - 08:00	20	25	28	29	32	12	14	27	13	23	54	65
08:00 - 09:00	21	20	34	32	23	10	11	26	11	22	48	55
09:00 - 10:00	29	22	17	26	28	7	8	24	8	20	47	54
10:00 - 11:00	24	35	27	29	28	5	15	29	10	23	47	56
11:00 - 12:00	25	25	37	40	24	8	12	30	10	24	46	55
12:00 - 13:00	34	31	H 52	33	32	13	14	36	14	30	48	58
13:00 - 14:00	38	27	30	22	24	16	11	28	14	24	47	57
14:00 - 15:00	39	33	41	37	39	16	15	38	16	31	49	59
15:00 - 16:00	H 105	H 105	49	H 103	H 86	H 39	H 26	90	33	73	55	67
16:00 - 17:00	59	55	26	59	51	14	10	50	12	39	49	62
17:00 - 18:00	20	29	10	22	10	20	9	18	15	17	48	59
18:00 - 19:00	17	20	13	14	10	19	11	15	15	15	47	60
19:00 - 20:00	10	14	5	10	7	8	10	9	9	9	45	55
20:00 - 21:00	6	3	7	12	9	8	4	7	6	7	46	55
21:00 - 22:00	8	4	1	10	6	4	5	6	5	5	42	53
22:00 - 23:00	7	9	6	9	8	5	5	8	5	7	49	57
23:00 - 24:00	8	3	3	7	7	1	2	6	2	4	45	53
Total	494	498	430	520	471	232	203	487	226	410	AVG: 46	AVG: 56

H - highest value in the column, **H** is highest H value in report

\*\* "n/a" - means the sign did not collect any data at the time stipulated in the report. "n/a" values are NOT included in calculations.

Speed display signs are typically left with the display off for the first week to collect data in "ghost mode."

Reports are typically generated to show data from ghost mode, 1-, 3-, and 6-months post-installation.