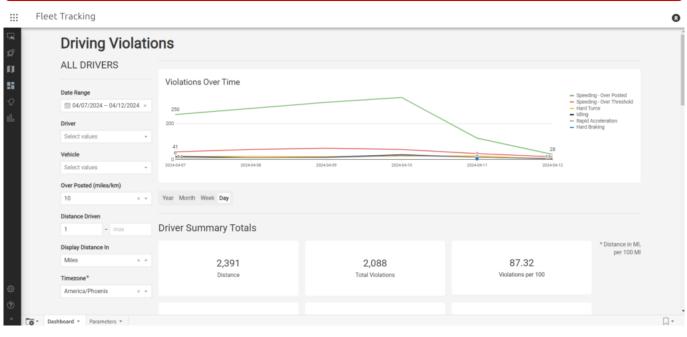


Link: https://help.gpsinsight.com/docs/about-the-reports-page/using-the-driving-violations-report/ Last Updated: October 25th, 2022

The Driving Violations Report provides interactive graphs, summary totals, and detailed data showing driving violation events filtered by vehicles, vehicle groups, vehicle hierarchy, driver, driver groups, and driver hierarchy. You can select a time frame of yesterday, week to date, month to date, last seven days, last 30 days, or a custom time frame. Additionally, you may select a timezone for the report. This report is available to customers with PNP, GPSI-3900, and other supported devices.

**Note.** The Driver feature is available with the Driver Management add-on and the Hierarchy feature is available with the Advanced Administration add-on only. If you are interested in learning more, please contact your Account Manager.



You may adjust your selected report parameters after running the report directly from the report itself in the Portal. This includes setting date range, driver, vehicle, over posted (miles/km), distance driven (min and max), distance display (miles or km), and timezone.

**Note.** If a vehicle exceeds the threshold entered, it will count as a Speeding – Over Posted Speed event on the report.



Link: https://help.gpsinsight.com/docs/about-the-reports-page/using-the-driving-violations-report/ Last Updated: October 25th, 2022

#### **Driving Violations** ALL DRIVERS Violations Over Time Date Range iii 04/07/2024 - 04/12/2024 × 250 Driver 200 Select values 41 0<sup>6</sup> Vehicle 2024-0-2024-04-08 2024-04-09 2024-04-10 2024-04-11 Select values ÷ Q Search 17 × All onth Week Day JRG Car Brandt Geotab Drew Geotab Summary Totals Derek Geotab 2113-01 GeoTab Ford Truck OEM 2,391 87.32 2.088 8802-06 Distance Total Violations Violations per 100 8002-04 8802-02 Josiah Geotab

### **Violation Types**

2266-01

The violation types shown in this report include:

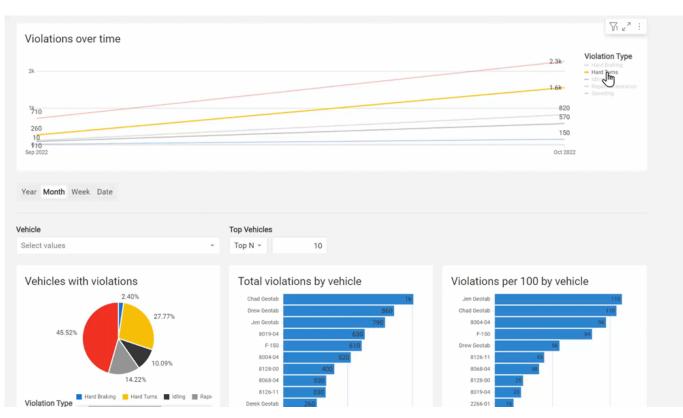
- Speeding Over Posted
- Speeding Over Threshold
- Hard Braking
- Hard Turns
- Idling
- Rapid Acceleration

#### **Interactive Graphs**

There are four interactive graphs offered in the report. All graphs offer filter (except Vehicle with Violations), sort, maximize element, download (CSV, Excel, PNG), and refresh options directly from each graph.



Link: https://help.gpsinsight.com/docs/about-the-reports-page/using-the-driving-violations-report/ Last Updated: October 25th, 2022



Interactive graphs present in the report include:

Graph	Description
Violations over time per type	Shows violations by type over the time window selected. Hover over the line graph to see a count of violations per type. Hover over the violation types listed on the right to focus on the selected violation type.
Vehicles with violations	Shows the percentage of occurrences of each violation type from the total count of violations over the time window selected in a pie chart. Hover over the pie chart sections to see the violation type count.
Total violations by vehicle	Shows the top 10 vehicles with the most total violation counts in the report time frame in a bar graph. Hover over a bar to see the vehicle identifier and the total number of violations.
Violations per 100 by vehicle	Shows a normalized overview of the total number of violations for the top 10 vehicles with violations, normalized per 100 miles and listed in order from the most (top) to the least (bottom) in a bar graph. The normalized chart allows you to more accurately compare driving behavior among vehicles and look for trends. Hover over a bar to see the total number of violations per 100 miles reported for that vehicle.

#### **Driver Summary Totals**

This section of the report provides vehicle summary totals for the selected data source and time frame for the following areas:



Link: https://help.gpsinsight.com/docs/about-the-reports-page/using-the-driving-violations-report/ Last Updated: October 25th, 2022

- Distance
- Total Violations
- Violations per 100 miles
- Speeding Over Threshold
- Speeding Over Posted Speed
- Hard Braking
- Hard Turns
- Idling
- Rapid Acceleration

All driver summary total sections offer maximize element, download (CSV or Excel), refresh data and copy to clipboard options.

				V1 K :
	Violations Over Time			Vie :
Date Range				<ul> <li>Speeding - Over Posted</li> </ul>
🛅 04/07/2024 - 04/12 ×	250			<ul> <li>Speeding - Over Threshold</li> <li>Hard Turns</li> </ul>
Driver	200			<ul> <li>Idling</li> <li>Rapid Acceleration</li> <li>Hard Braking</li> </ul>
Select values -	41		2 28	
Vehicle	0 =1.4 ==================================	2024 04 09 2024 04 10	2024 04 11 2024 04 12	
Select values +				
Over Posted (mlies/km)	Year Month Week Day			
10 × •				
Distance Driven	Driver Summary Totals			
1 – max				* Distance in
Display Distance In	2,391	2,088	87.32	MI, per 100 MI
Miles × •	Distance	Total Violations	Violations per 100	
Timezone*				
America/Phoenix × +				
	255	1.82k	62	

### **Report Details**

The report details provides line items for Driver Summary and Driver Events of the total number of violations for each vehicle included in the report.

#### **Driver Summary**

The Driver Summary detail section lists violation events by driver, vehicle displaying vehicle identifier, VIN,



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distance, violations per 100 miles, hard braking, hard left turn, hard right turn, hard turns, idling, rapid acceleration, speeding – over threshold, speeding – over posted, and violation event totals. All columns can be sorted in ascending, descending, or custom order, and offer column details to view high-level data contained in the column.

Driver 🖹	Vehicle *	VIN *	Distance *	Violations per 100 (MI/KM) * Ha	d Braking * Hard Left * Hard Right * Hard Turn			
Anderson, Trent – 927	8019-02		180.3 mi	7 SORT				
Campbell, Josiah	Josiah Geotab	1.100-001-001000-001	40.9 mi	110	n details Ctrl I 0 0			
Frisella, Scott	2266-01	1.409803-041-0071-0071088	133.9 mi	20	2 0			
Gosselin, Joe – drvr_jgosselin	JRG Car	1.10.00	278.3 mi	197.99	0 0 0			
Hogan, Sean	8021-02	1,000,000,000,000,000,000	90.1 mi	1.11				
LeSueur, Aimee – testdriver33	8002-04	1.46, 4031085, 74403	187.5 mi	52.27				
LeSueur, Drew – dl1112	Drew Geotab		423.6 mi	82.39	Column Details			
Little, Zach	Derek Geotab	11.0038231.01088118	138.0 mi	179.71	ABOUT	SUMMARY		
Mars, Joe – jmars	2279-02	1100.000.000.000.000	3.1 mi	0.00	and the second second			
Mortensen, Tyler – tm0703	Ford Truck OEM	1110000-0011-001108	192.5 mi	44.16	123 Violations per 100 (MI/KM)	Values	100.0%	1
Murphy, Elisa	8802-05	1-1000 ( COURSE ) 100	72.9 mi	0.00	$f_{\rm X}$ [Driver Events by Day (grouped)/Violations per 100 Mile	Nulls	0.0%	
Smithson, Lily	8802-06	100.0114-0214-0244	48.9 mi	226.99	s]	Row count	100.0%	1
16 rows - 16 columns								
					TOP VALUES	Distinct values	87.5%	14
					0.00 3	STATISTICS		
					1.11 1	111-1		0.0
					7.76	Minimum		0.0
					20.16	25th percentile		6.1
					44.16	Median		48.5
					44.86 1	75th percentile		119.5
					52.27 1	Maximum		226.9
					82.39	Average		76.3
					105.60	Standard deviation		77.0
					110.02	Standard deviation		11.0

#### **Driver Events**

The Driver Events detail section lists violations by event occurrence displaying date, time, driver, vehicle name, VIN, violation type, speed over limit, speed, vehicle color (if supplied), vehicle make (if supplied), vehicle model (if supplied), model year, and data source. All columns can be sorted in ascending, descending, or custom order, and offer column details to view high-level data contained in the column.

VIN *	Violation Type *	Speed Over	Limit *	Speed *	Speed Limit *	Color *	Make *	Model *	Model Year *	Data Source *	
	Speeding - Ove SORT		12	77	65	White	Ford	C-Max Energ	i 2015	ALL DRIVERS	
1 m - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Speeding - Ove	details Ctrl I	10	50	40	Blue	Toyota	RAV4	2019	ALL DRIVERS	
	Speeding - Ove	details Ctri i	10	50	40	Blue	Toyota	RAV4	2019	ALL DRIVERS	
and the second sec	Speeding - Over Posted		28	68	40	Unknown	Kia	Sedona	2019	ALL DRIVERS	
nenders in the second	Speeding - Over Posted		11	41	30	Unknown	Kia	Sedona	2019	ALL DRIVERS	
Automotive Constants	Speeding - Over Posted		10	75	65	Unknown	Кіа	Sedona	2019	ALL DRIVERS	
ACCESSION AND A	Speeding - Over Posted										
ACAMPAC TALANT	Speeding - Over Posted	Colum	ו Deta	ils							
ACARDON TO AND A	Speeding - Over Posted										
acades: have a	Speeding - Over Posted	ABOUT						5	UMMARY		
and a second	Speeding - Over Posted	abe Violatio							/alues	100.0%	1,603
NUMBER OF STREET	Speeding - Over Posted									100.0%	1,60,
actuality in the second	Speeding - Over Posted	f <sub>×</sub> [ds Dr	riving V	iolations	+ Posted Sp	ed/Event	1	1	lulls	0.0%	(
NUMBER - NUMBER	Speeding - Over Posted							F	Row count	100.0%	1,603
,602 rows - 14 c	columns	TOP VALUES								0.1%	2
		Speeding -	Over Poste	d				1,347	Distinct values	0.1%	
		Speeding -	Over Thres	hold				255 S	STATISTICS		
								N	Ainimum	Speeding - (	Over Posted
								N	Aaximum	Speeding - Ove	r Threshold



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### **Exporting the Report**

This report can be exported via email in .xls format and attach a PDF in its entirety; however, please note that some of the available columns under the Vehicle Summary and Vehicle Events Report Details sections may be cut off due to the size of the columns.

DRIVERS	Violations Over Time		
Date Range	250 41	2	- Speeding - Over Pi - Speeding - Over Ti - Hard Turns - Idling
iiii 04/07/202 ×	0 ≡1 <sup>-</sup> 4 2024-04-07 2024-04-08	2024-04-09 2024-04-10 2024-0	- Rapid Acceleration
Driver			
Select values 👻	Year Month Week Day		
Vehicle			
Select values *	Driver Summary Tota	als	
Over Posted (miles/ 10 × +	2,391	2,088	87.32
Distance Driven	Distance	Total Violations	Violations per 100
<b>1</b> – max	255	1.82k	62
Dashboard • Parame	eters 🔻		

This report also offers the ability to export sections of the report individually. Each section can be exported in CSV, Excel, JSON, PNG or PDF formats.

Violations Over Time		Sort	>
250	DOWNLOAD (1.00M ROW LIMIT)	Export	>
41 0 =1:4	CSV	Refresh data	
2024-04-07 2024-04-08 2024-04-09 2024-0	Excel	-04-12 – Rapid Acceleration – Hard Braking	
	JSON		
Year Month Week Day	PNG		
rear month week buy	PDF >		
	SEND		
Driver Summary Totals	Send now		