

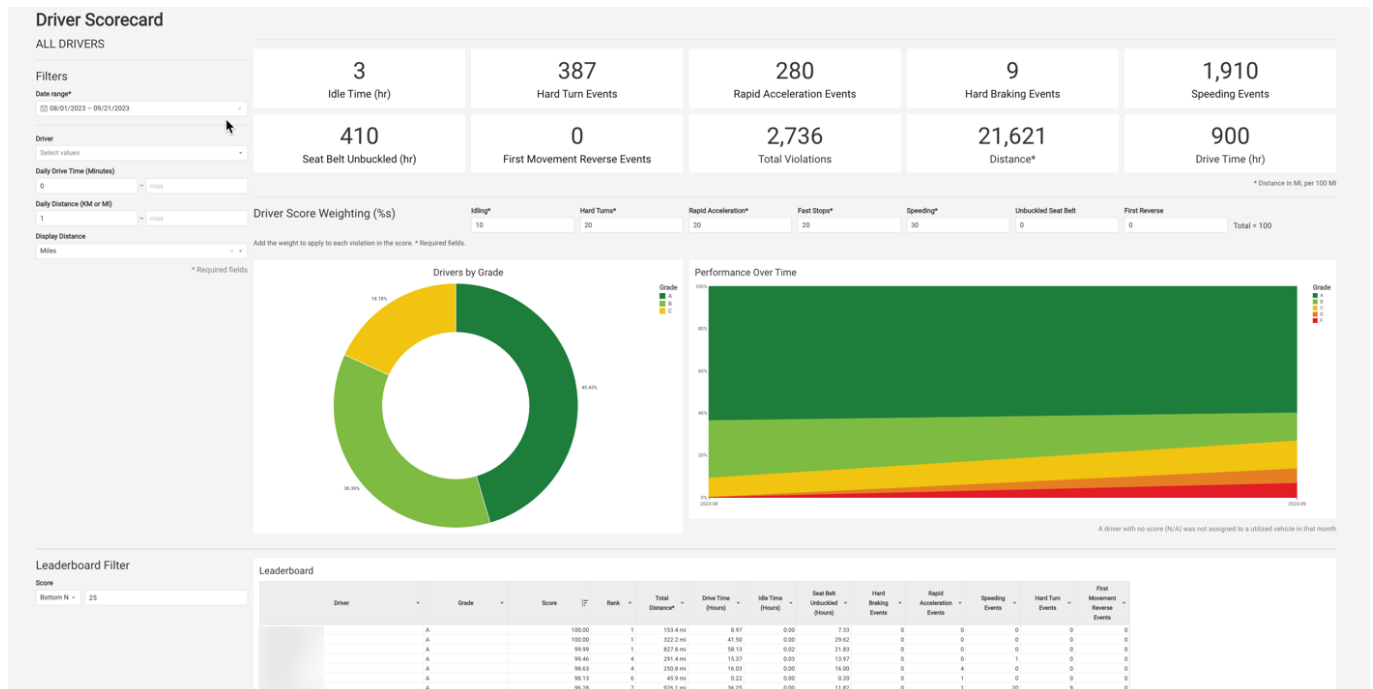
Using the Driver Scorecard Report

Link: <https://help.gpsinsight.com/docs/using-the-driver-scorecard-report/> Last Updated: September 21st, 2023

The Driver Scorecard Report offers interactive graphs, summary totals, and detailed data providing insight into driver behavior from safety events in the form of a weighted score (A-F grade).



Note. Driver feature is available to Enterprise customers only. Please contact your Account Manager to learn more.




You may filter your selected report parameters after running the report directly from the report itself in the Portal. This includes selecting the date range, driver, and setting daily drive time in minutes (min and max), daily distance in miles or KM (min and max), and distance display (miles or KM). Furthermore, each section of the report offers additional filters.

Summary Totals

This section of the report provides violation event summary totals for the selected data source (driver and/or driver group) during the time frame specified for the following areas:

- Idle Time (hr)
- Hard Turn Events
- Rapid Acceleration Events
- Hard Braking Events
- Speeding Events
- Seat Belt Unbuckled (hr)
- First Movement Reverse Events

- Total Violations
- Distance
- Drive Time (hr)



Note. If you have the Advanced Safety package for your account, the Seat Belt Unbuckled and First Movement Reverse Events is included in your scorecard report. If you do not have this package, the values will read as 0 and will not impact driver scores. If you would like to learn more about the Advanced Safety package, please contact your Account Manager.

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

3 Idle Time (hr)	387 Hard Turn Events	280 Rapid Acceleration Events	9 Hard Braking Events	1,910 Speeding Events
410 Seat Belt Unbuckled (hr)	0 First Movement Reverse Events	2,736 Total Violations	21,621 Distance*	900 Drive Time (hr)
* Distance in MI, per 100 MI				

Driver Score

Idling*

Hard Turns*

Rapid Acceler...

Fast Stops*

Speeding*

Unbuckled Se...

First Reverse

Interactive Graphs

There are two interactive graphs offered in the report. Both graphs offer sort, maximize element, download (CSV, Excel, PNG, or PDF), and refresh options directly from each graph. The Drivers by Grade graph offers a filter option as well.

Driver Score Weighting (%)

Idling*

Hard Turns*

Rapid Acceler...

Fast Stops*

Speeding*

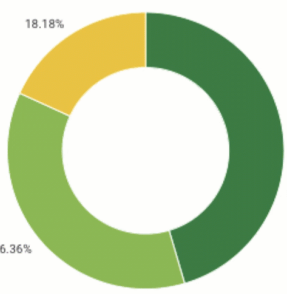
Unbuckled Se...

First Reverse

Total = 100

Adjust the weight to apply to each violation in the score. * Required fields.

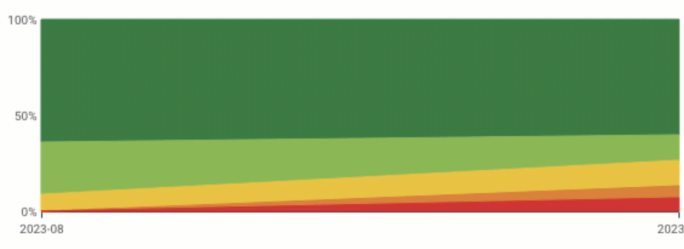
Drivers by Grade



Grade

- A
- B
- C

Performance Over Time



Grade

- A
- B
- C
- D
- F

A driver with no score (N/A) was not assigned to a utilized vehicle in that month

Driver Score Weighting


You can adjust the percentage weight for safety violation events to return results that encapsulate the driving behaviors you deem as risky.

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Driver Score Weighting (%)	Idling*	Hard Turns*	Rapid Acceleration*	Fast Stops*	Speeding*	Unbuckled Seat Belt	First Reverse	Total = 100
	10	20	20	20	30	0	0	


Add the weight to apply to each violation in the score. * Required fields.

**Note.** The percentage weights must equal a total of 100.

If you do not adjust the weight on the report, the following default weights are applied to each event category.

Default Driver Score Weighting

The default weights for violation events and descriptions are as follows:

**Note.** The default weight for many of the violation events (unless specified below) are defined from your set device threshold configurations. To learn more about setting threshold configurations for your device, please refer to [Configuring Device Thresholds](#).

Violation Event	Default Weight & Description
Idling (Idle Time in hr)	Based on the Idling Configuration that is set for the device threshold. If no configuration is set, the default configuration is 300 seconds.
Hard Turns	This is based on the G-Force configuration for the device threshold for Hard Left/Right. If no configuration is set on the GPS device\ the default configuration is 0.35g.
Rapid Acceleration	Based on the G-force configuration for the device threshold for Rapid Acceleration. If no configuration is set on the GPS device, the default configuration is 0.35g.
Fast Stops (Hard Braking)	This is based on the G-force configuration for the device threshold for Hard Braking. If no configuration is set on the GPS device, the default configuration is 0.36g.
Speeding	Based on the speeding configuration/threshold for the device threshold. If no configuration is set, the default configuration is 76mph.
Unbuckled Seat Belt (Seat Belt Unbuckled in hr)	Amount of time the driver is unbuckled while the vehicle is moving.
First Reverse (First Movement Reverse Events)	A First Movement Reverse event is triggered if the first identified transmission gear change on the trip is reverse.

Report Details

The report details provides line items for Leaderboard and Violation Details by Month of the total number of violations for each driver and corresponding scores included in the report. Both sections offer filter, sort, maximize element, export (CSV, Excel, PNG, or PDF), and refresh options directly from each graph.

Leaderboard Section

The Leaderboard section shows your driver(s) as selected with the Data Source Selector by performance offering their corresponding grade, score, rank, drive time (hours), idle time (hours), seat belt unbuckled (hours), hard breaking events, rapid acceleration events, speeding events, hard turn events, and first movement reverse events. All columns can be sorted in ascending, descending, or custom order, and offer column details to view high-level data contained in the column. Additionally, a Leaderboard filter is available to filter by Top N (number), Bottom N (number), Top Percentile and Bottom Percentile.

Leaderboard Filter		Leaderboard												
Score		Driver	Grade	Score	Rank	Total Distance*	Drive Time (Hours)	Idle Time (Hours)	Seat Belt Unbuckled (Hours)	Hard Braking Events	Rapid Acc... Eve...	Speeding Events	Hard Turn Events	First Movement Reverse Event
Top N	10	Anderson, Trent - 927	A	99.46	4	291.4 mi	15.37	0.03	13.97	0	0	1	0	
		Fdz, Don, Antonio - 319	A	100.00	1	322.2 mi	41.50	0.00	29.62	0	0	0	0	
		Dunhill, Cody	A	98.13	6	45.9 mi	0.22	0.00	0.20	0	1	0	0	
		Cheshire, Lisa - lisatest	A	96.28	7	926.1 mi	36.25	0.00	11.82	0	1	20	9	
		Smithson, Lily	A	98.63	4	250.8 mi	16.03	0.00	16.00	0	4	0	0	
		Kosick, Raymond - 1229	A	94.93	9	52.4 mi	3.72	0.02	0.62	0	0	2	0	
		LeSueur, Cristina - c1234	A	95.54	7	1203.8 mi	84.85	0.12	37.97	0	7	27	14	
		Welch, Alex - cpgps_1001	A	94.80	9	41.3 mi	10.03	0.00	0.00	0	1	1	0	
		Smithson, Melissa	A	99.99	1	827.8 mi	58.13	0.02	21.83	0	0	0	0	
		Gabardy, Adam - 516	A	100.00	1	153.4 mi	8.97	0.00	7.33	0	0	0	0	

Violation Details by Month Section

The Violation Details by Month section shows your driver(s) as selected with the Data Source Selector by violation details offering the month, grade, score, total distance, drive time (hours), idle time (hours), seat belt unbuckled (hours), hard breaking events, rapid acceleration events, speeding events, hard turn events, first movement reverse events, total violations, first date, last date, and days driven. Additionally, driver and grade filters are available.

Violation Filters		Violation Details by Month												
Driver	Select values	Driver	Month	Grade	Score	Total Distance*	Drive Time (h)	Idle Time (h)	Seat Belt Unbuckled (h)	Hard Braking Events	Rapid Acceleration Events	Speeding Events		
Grade	Select values	Anderson, Trent - 927	2023-08	A	99.4	272.8 mi	13.93	0.03	13.93	0	0	0	1	
			2023-09	A	100.0	18.6 mi	1.43	0.00	0.13	0	0	0	0	
		BURG, Tom	2023-08	B	86.0	1360.3 mi	50.15	0.63	22.63	1	0	0	147	
			2023-09	A	93.4	318.8 mi	13.82	0.08	4.32	0	0	0	16	
		Campbell, Josiah	2023-09	B	81.6	55.6 mi	2.20	0.02	0.00	0	1	4		
			2023-08	A	91.8	205.3 mi	17.65	0.05	0.73	0	4	9		
		Cheshire, Lisa - lisatest	2023-09	A	95.8	275.6 mi	14.80	0.00	4.02	0	1	7		
			2023-08	A	96.5	650.5 mi	21.45	0.00	7.80	0	0	13		
		Driver, 625	2023-08	B	87.7	13.6 mi	7.78	0.00	7.78	0	1	0		
		Dunhill, Cody	2023-08	A	98.1	45.9 mi	0.22	0.00	0.20	0	1	0		
		Fdz, Don, Antonio - 319	2023-08	A	100.0	235.3 mi	19.03	0.00	19.08	0	0	0		
			2023-09	A	100.0	86.9 mi	22.47	0.00	10.53	0	0	0		
		Gabardy, Adam - 516	2023-08	A	100.0	135.3 mi	6.93	0.00	6.88	0	0	0		
			2023-09	A	100.0	18.1 mi	2.03	0.00	0.45	0	0	0		
		Gosselin, Joe - asdf2	2023-09	D	60.2	754.0 mi	42.40	0.03	16.07	1	81	156		
			2023-08	B	86.8	1785.2 mi	60.52	0.02	16.00	0	71	108		
		Hogan, Alissa	2023-08	B	83.8	2577.5 mi	56.22	0.67	55.45	0	0	329		
			2023-09	A	98.0	103.8 mi	4.50	0.08	3.00	0	0	1		
		Kosick, Raymond - 1229	2023-08	A	94.9	52.4 mi	3.72	0.02	0.62	0	0	2		

37 rows - 17 columns

* Distance in MI, per 100 MI

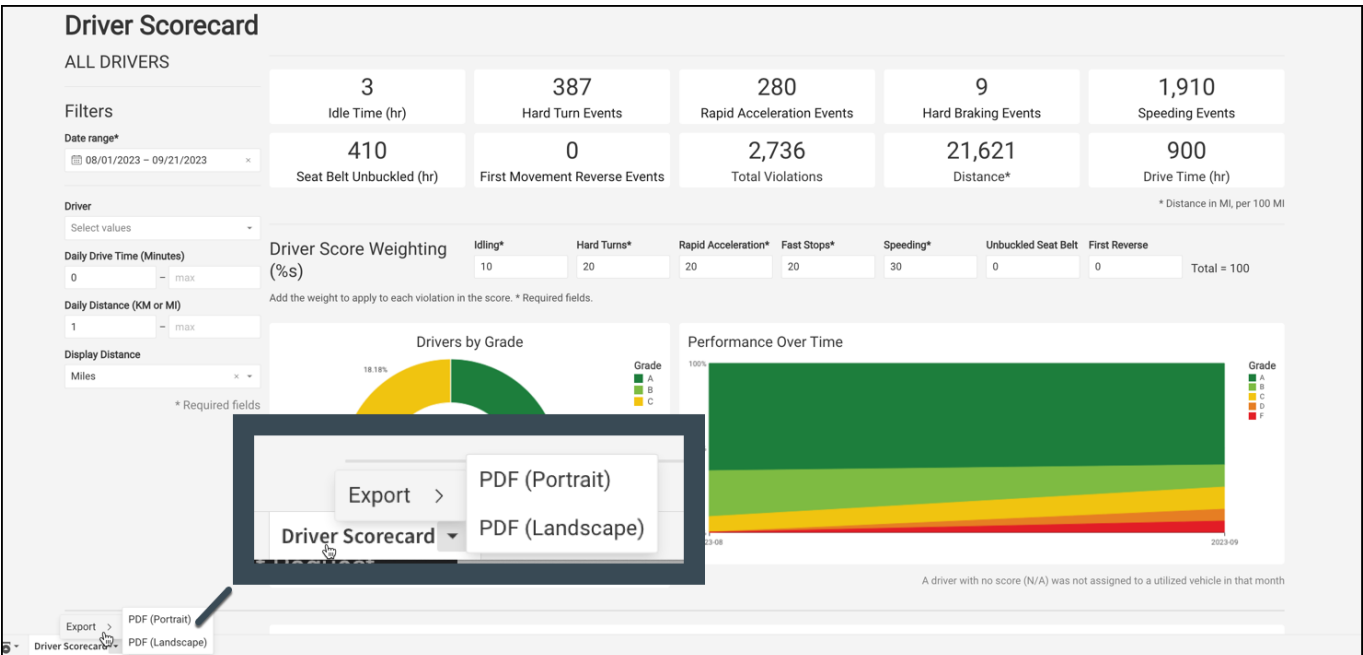
Exporting the Report

This report can be downloaded as a PDF (Portrait or Landscape) 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

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due to the size of the columns.



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

