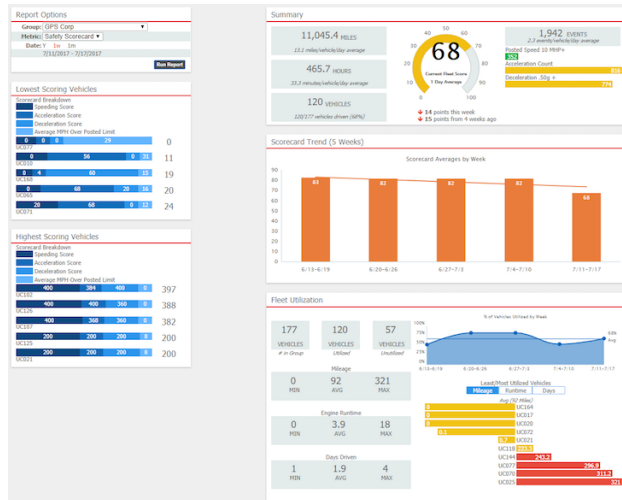


Link: <https://help.gpsinsight.com/docs/about-metrics/> Last Updated: August 3rd, 2016

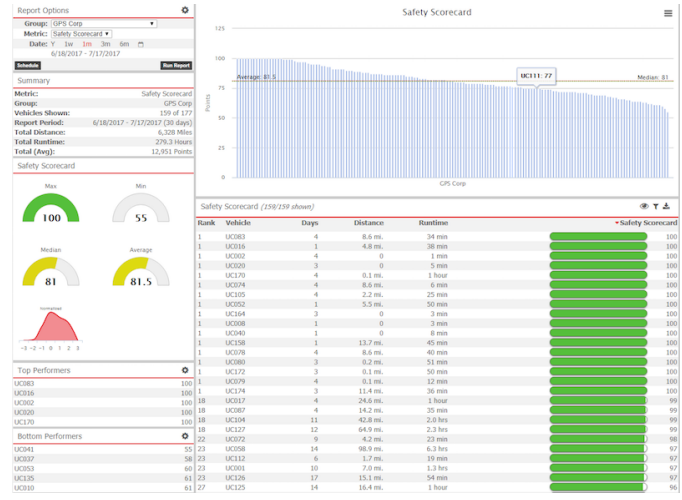
Metrics refers to individual **Custom Metrics**, **Metric Scorecards**, and **Metrics Reports**.

Use Metrics to gain a deeper understanding of your key performance indicators and to help improve fleet utilization. This information is relevant to reducing costs that impact the bottom line.

## Executive Summary



## Scorecard Report



## Scorecard KPIs

- See the number of events
- Add thresholds and weights to events
- See the resulting score for each metric
- Create a final score as a rollup of all metric scores
- Compare vehicle performance and rank drivers

### Deep Dive: How do I create a safety scorecard?

## Custom Metrics

**Custom vehicle metrics** allow you to determine what key performance indicators to count, measure, score, compare, and calculate. In other words, it's a powerful a tool set that is driven entirely by the items you care about most in your fleet—such as the total number of speeding events, the average speed of speed violations, the total hours idled, the total distance traveled, etc.

**Note.** There are three varying permissions that you can give a user (or combination of) related to metrics. 1) In order to create/edit custom metrics and use scorecard configuration tools, a user must have the **Custom Metrics** item enabled in the **User Permission List**. 2) In order to run metrics reports (not *create* metrics), a user must have the **Manage Metrics** item enabled in the **Menu Access List** (Custom category). 3) In order to run a traditional metric report, a user must have the **Metrics Scorecard** item enabled in the **Menu Access List** (Report category).

Alerts   Scheduled Reports   **Custom Metrics**
Manage Custom Metrics

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### Active Custom Metrics

*Metrics summarize daily data for each vehicle on your account. Use the summarizations to generate custom reports.*

Metric Type: - ALL TYPES -   Active:    Reportable:

Entity: - ALL ENTITIES -   Subject:  \* for wildcard   filter

Label	First Run	Last Run	
Idle %	12/30/2015	3/7/2016	<span>ⓘ</span> <span>⊞</span> <span>↺</span> <span>⊞</span> <span>⊞</span> <span>⊞</span>
Idle Time	12/30/2015	3/7/2016	<span>ⓘ</span> <span>⊞</span> <span>↺</span> <span>⊞</span> <span>⊞</span> <span>⊞</span>
Vehicle Scorecard	1/1/2016	3/7/2016	<span>ⓘ</span> <span>⊞</span> <span>↺</span> <span>⊞</span> <span>⊞</span> <span>⊞</span>
Scorecard Score	2/1/2016	3/7/2016	<span>ⓘ</span> <span>⊞</span> <span>↺</span> <span>⊞</span> <span>⊞</span> <span>⊞</span>
Speeding Count	1/19/2016	3/7/2016	<span>ⓘ</span> <span>⊞</span> <span>↺</span> <span>⊞</span> <span>⊞</span> <span>⊞</span>
Stop Hours	1/25/2016	3/7/2016	<span>ⓘ</span> <span>⊞</span> <span>↺</span> <span>⊞</span> <span>⊞</span> <span>⊞</span>

*14 Metrics found.*

### Metrics List

Vehicle

- + Vehicle Scorecard
- + Sum Scorecard
- + Hours Vehicle Stopped
- + Hours Vehicle Idled
- + Runtime Hours
- + Distance Vehicle Traveled
- + Count Vehicle Stops
- + Count Vehicle Idle Stops
- + Count Vehicle Landmark Visits
- + Count Driver Assignments
- + Count Speeding Events
- + Count Alerts Triggered
- + Maximum Speed
- + Average Delta for Posted Violations
- + Average Speed for Speed Violations
- + Count Acceleration Events
- + Count Deceleration Events
- + Count Drivers
- + Average Idle Hours

---

### Active Scoring Tools

Metric Type: - ALL TYPES -   Active:    Type: - ALL TYPES -

Subject:  \* for wildcard   filter

Page: 1-20 / 21-28   Show All 28:

Label	
Events Scale 0 and 5	<span>ⓘ</span> <span>⊞</span>
Speed Scale	<span>ⓘ</span> <span>⊞</span>

*1-20 of 28 Metrics found.*

## System Metrics

The summarization data for some device-based events are automatically available to you as a system metric. System metrics are not customizable, but you can report on them using Metrics Reports and dashlets:

Device Type	Description	Metric(s)
Custom Device Inputs	Devices that have been configured to use custom inputs (e.g., snow plow up/down, seatbelt on/off, etc.)	Two metrics per input: •Count of event •On duration of event
PNP-3000	Devices that have the optional buzzer feature for in-cab alerts.	<ul style="list-style-type: none"> <li>•Hard Braking Count</li> <li>•Hard Left Count</li> <li>•Hard Right Count</li> <li>•Idling Count</li> <li>•Rapid Acceleration Count</li> <li>•Speeding Count</li> </ul>

**Note.** The PNP-3000 device has been discontinued as of January 2026.

## Metrics Reporting

Use the **Metrics Reports tool** to view summary, detail, and trend data about an **existing metric** or **scorecard** (collection of metric scores) using various charts and tables.

**Report Options** ⚙️

Group: ALL VEHICLES

Metric: Aggressive Driving XYZ Scorecard

Date: Y 1w 1m 3m 6m 📅

6/15/2016 - 6/21/2016

**Run Report**

**Summary**

Metric: Aggressive Driving XYZ Scorecard

Group: ALL VEHICLES

Vehicles Shown: 79 of 118

Report Period: 6/15/2016 - 6/21/2016 (7 days)

Group Total: 7085 Score

**Aggressive Driving XYZ Scorecard**

Max

100

Min

43

Median

96

Average

89.7

Normalized

Scores

**Top Performers** ⚙️

TS Mex1	100
Trent PNP	100
SP Trailer Tracker	100
SN - Temp 4B	100
SN - Temp 4A	100

**Aggressive Driving XYZ Scorecard** ☰

ALL VEHICLES

**Aggressive Driving XYZ Scorecard (79/79 shown)** 📄 ⬇️

Rank	Vehicle	Days	Aggressive Driving XYZ Scorecard
79	SM ES-330	5	<div style="width: 43%;"></div> 43
78	PNP Durango	6	<div style="width: 52%;"></div> 52
76	Matt K PNP	6	<div style="width: 61%;"></div> 61
76	Smith CAR 003 Cherry	6	<div style="width: 61%;"></div> 61
74	Adam 3900IVB	6	<div style="width: 66%;"></div> 66
74	Mike's Toyota Carolla	6	<div style="width: 66%;"></div> 66
73	Corn Altima	5	<div style="width: 68%;"></div> 68
72	E90 N55	6	<div style="width: 71%;"></div> 71
70	Ray Explorer PNP (3G)	6	<div style="width: 74%;"></div> 74
70	Clint	6	<div style="width: 74%;"></div> 74
69	Truck 3334	6	<div style="width: 75%;"></div> 75
67	Adam G Camry	6	<div style="width: 76%;"></div> 76
67	Ryan Mac	6	<div style="width: 76%;"></div> 76
65	AVG ELD	6	<div style="width: 77%;"></div> 77
65	Danielle's Car	6	<div style="width: 77%;"></div> 77
64	Marks SantaFe	4	<div style="width: 78%;"></div> 78
62	Tundra Scott	6	<div style="width: 81%;"></div> 81
62	Steven Accord	6	<div style="width: 81%;"></div> 81
61	EB-Dora	6	<div style="width: 82%;"></div> 82

You can also view individual metrics from several places on the dashboard and the traditional reporting interface, such as the Vehicle Selector dashlet, Utilization Rollup dashlet, and the Fleet Hierarchy Rollup report.

Link: <https://help.gpsinsight.com/docs/about-metrics/> Last Updated: August 3rd, 2016

### Vehicle Selector [Company XYZ]

Vehicle Group:

Attributes:

Filter:

Select/Deselect All

Label	Speed	Location	Idle %	Speeding Count
<input checked="" type="checkbox"/> AL Liberty	Stopped 10 min	Phoenix, AZ	33 min	35
<input checked="" type="checkbox"/> Adam G Camry	Stopped 53 min	Phoenix, AZ	36 min	50
<input checked="" type="checkbox"/> Adam G Prius	Stopped 3 hrs, 7 min	Scottsdale, AZ	3 min	28
<input checked="" type="checkbox"/> Adam G Sonota	Stopped 7 hrs, 37 min	Scottsdale, AZ	8 min	12
<input checked="" type="checkbox"/> B B 2014	Stopped 2 hrs, 7 min	Tempe, AZ	1 min	0
<input checked="" type="checkbox"/> Corn Altima	0 mph ESE (6 max)	Glendale, AZ	0	0
<input checked="" type="checkbox"/> SN - PNPvb	Stopped 7 hrs, 22 min	Scottsdale, AZ	6 min	27
<input checked="" type="checkbox"/> SN - PNPvb2	Stopped 2 hrs, 53 min	Scottsdale, AZ	14 min	47

### Utilization Rollup

Node	Vehicles	Distance	Engine Hours	Idle Time	Trips	Days
▼ Company XYZ	10	2,267.80 mi.	79.2 hrs	9.6 hrs	306	56
▼ Arizona	10	2,267.80 mi.	79.2 hrs	9.6 hrs	306	56
Phoenix	3	988.70 mi.	25.1 hrs	2.3 hrs	82	17
Scottsdale	3	715.90 mi.	26.7 hrs	1.3 hrs	121	17
Mesa	2	307.90 mi.	12.2 hrs	1.6 hrs	37	10
Globe	2	255.30 mi.	15.1 hrs	4.4 hrs	66	12

**Note.** The Metrics feature is currently available for US customers only.