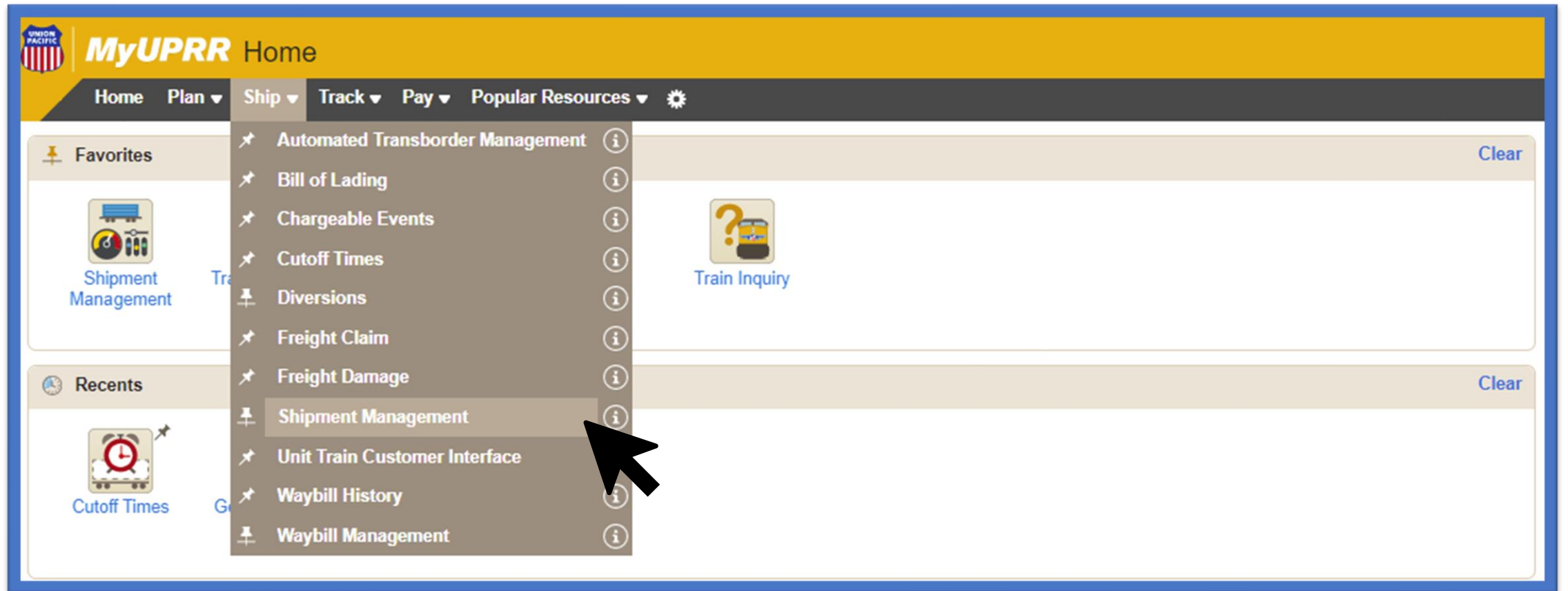




**SHIPMENT MANAGEMENT DASHBOARD -
LOCATION METRICS
INBOUND RAILCAR AND OUTBOUND
PRIVATE LOADED RAILCAR INVENTORY**

Shipment Management Dashboard - Location Metrics

To access Location Metrics, select Shipment Management on the Ship menu.



Creating a New Dashboard View

Select “Add View” from the right-hand side of the dashboard page.

The screenshot shows the MyUPRR dashboard interface. At the top, there is a navigation bar with the MyUPRR logo, a search bar, and user profile icons. The main dashboard area displays data for 'Union Pacific Omaha, Nebraska', including '9 Inbound' and '9 Planned Departures' sections with bar charts. A sidebar on the left contains navigation options like 'TRACK SHIPMENTS', 'DASHBOARD', 'REPORTS', and 'INTERMODAL'. On the right side, an 'ADD VIEW' button is highlighted with an orange box. A pop-up window titled 'ADD LOCATION' is also highlighted with an orange box. This pop-up contains a 'View Type' dropdown menu set to 'Carload', a 'Search My Locations' dropdown, and a 'Select a Location' dropdown. At the bottom of the pop-up are buttons for 'START TOUR', 'CLEAR', and 'CREATE'.

A pop out will display. Choose **Carload** from the **View Type** dropdown, choose the location, and select **Create**.

Creating a New Dashboard View

A new dashboard card will populate with the selected location information.



Viewing Location Metrics

To view Location Metrics, select **Expand Metrics** from inside the dashboard.

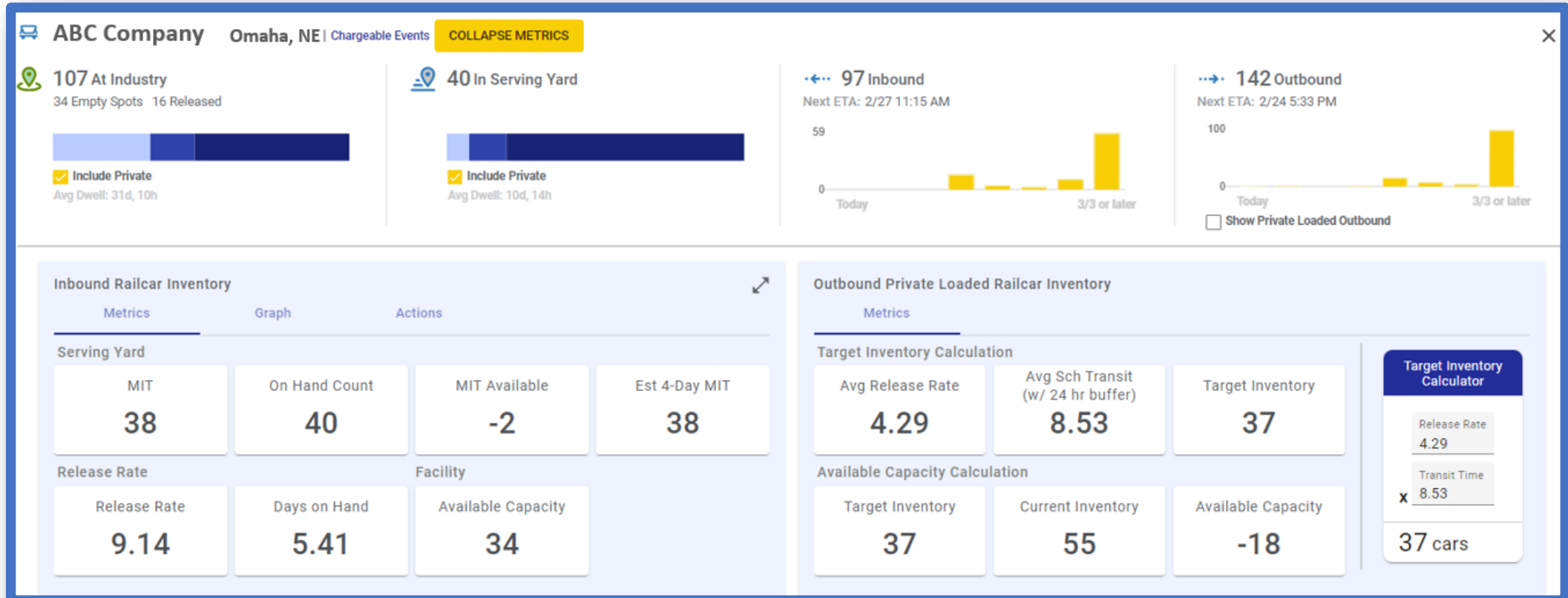


The screenshot displays a dashboard for 'ABC Company' in 'Omaha, NE' with a 'Chargeable Event'. It features four main sections:

- 98 At Industry:** 34 Empty Spots, 15 Released. Includes a bar chart and a checked 'Include Private' checkbox with 'Avg Dwell: 13d, 23h'.
- 15 In Serving Yard:** Includes a bar chart and a checked 'Include Private' checkbox with 'Avg Dwell: 16h'.
- 63 Inbound:** Next ETA: 1/30 3:00 PM. Includes a bar chart showing activity over time.
- 85 Outbound:** Next ETA: 1/27 11:00 AM. Includes a bar chart and an unchecked 'Show Private Loaded Outbound' checkbox.

Understanding Location Metrics

The view will populate with the selected location metrics.



*Metrics will only populate for UP rail served customers. A message will populate for users when metrics are unavailable.

⊗ There are no metrics to show for Union Pacific- Omaha, NE (123456)

Understanding Location Metrics – Inbound Railcar Inventory

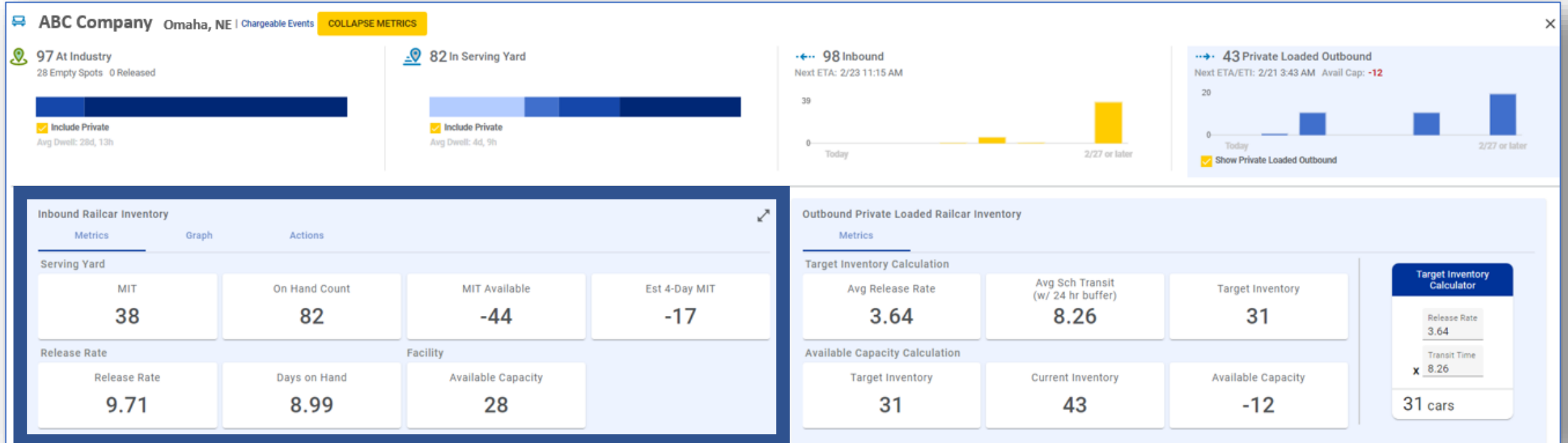
The left-hand side shows **Inbound Railcar Inventory**.

This includes tabs labeled:

Metrics - Contains serving yard datapoints with definitions that can be viewed when you hover over each number.

Graph - Dynamic view which can change to a 30-, 60-, or 90- days by selecting the corresponding number to the right.

Actions - Easily release or order in (if applicable) shipments.



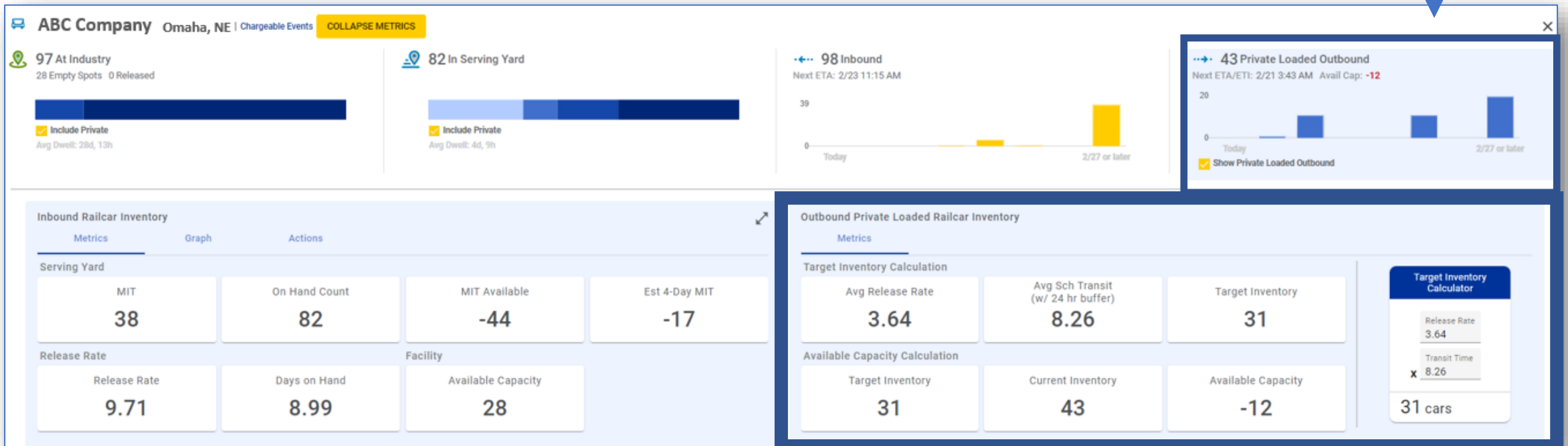
Understanding Location Metrics – Outbound Private Loaded Railcar Inventory

The right-hand side shows **Outbound Private Loaded Railcar Inventory**.

There is a tab labeled **Metrics** which contains datapoints with definitions that can be viewed when you hover over each number.

Select **Show Private Loaded Outbound** on the top chart to filter the outbound chart to private loaded equipment on UP system lines.

Project your Target Inventory by using the **Target Inventory Calculator**.



Expanding a View

Expand one of the views by selecting the expand arrow on the top right of the view.

ABC Company Omaha, NE | Chargeable Events **COLLAPSE METRICS**

107 At Industry
34 Empty Spots 16 Released
Avg Dwell: 31d, 10h
 Include Private

40 In Serving Yard
Avg Dwell: 10d, 14h
 Include Private

97 Inbound
Next ETA: 2/27 11:15 AM

142 Outbound
Next ETA: 2/24 5:33 PM
 Show Private Loaded Outbound

Inbound Railcar Inventory **Outbound Private Loaded Railcar Inventory**

Serving Yard

MIT	On Hand Count	MIT Available	Est 4-Day MIT
38	40	-2	38

Release Rate **Facility**

Release Rate	Days on Hand	Available Capacity
9.14	5.41	34

Target Inventory Calculation

Avg Release Rate	Avg Sch Transit (w/ 24 hr buffer)	Target Inventory
4.29	8.53	37

Available Capacity Calculation

Target Inventory	Current Inventory	Available Capacity
37	55	-18

Target Inventory Calculator

Release Rate	Transit Time
4.29	8.53
x	
37 cars	

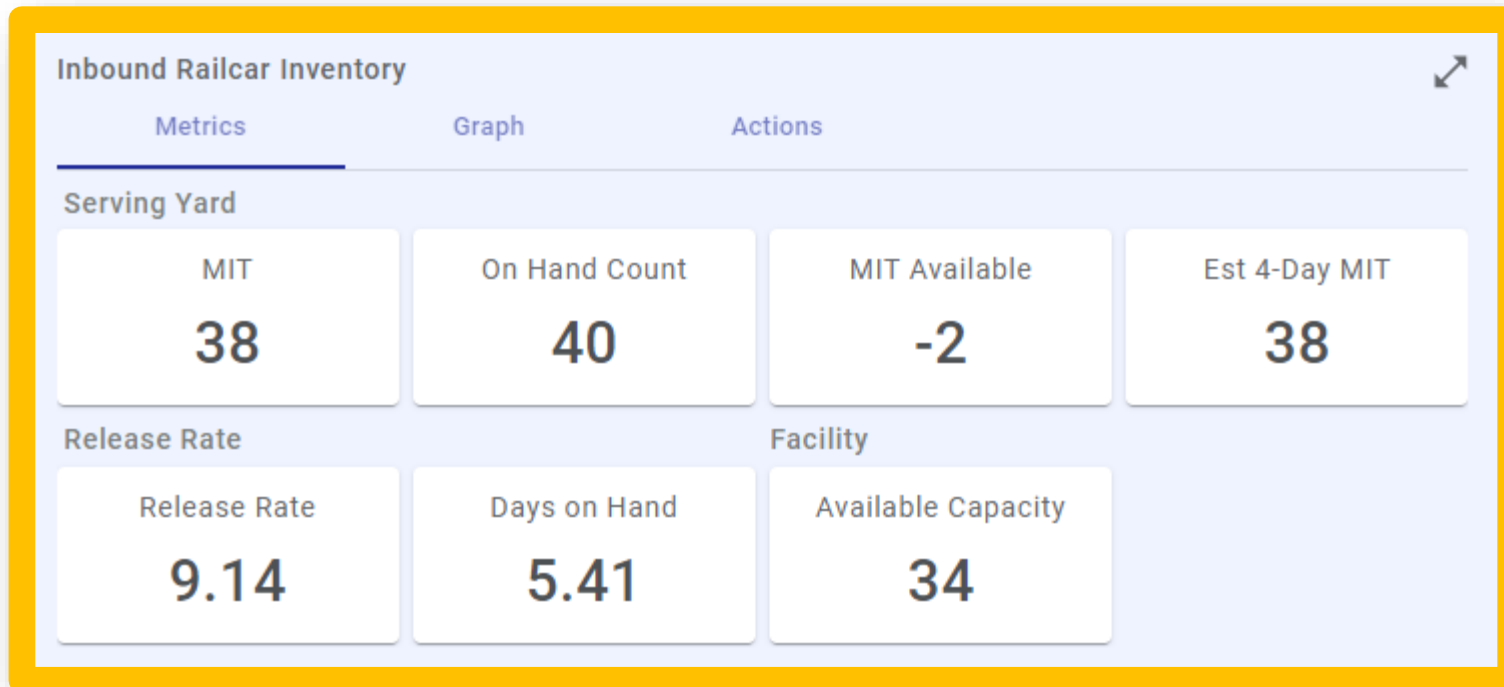
Understanding Inbound Railcar Inventory

The first tab labeled **Metrics** shows:

Serving Yard Parameters - Maximum Inventory Threshold (MIT), on hand count, MIT available, and est. 4-day MIT.

Release Rate - Actual release rate and days on hand.

Facility Capacity - Available capacity.



Closer Look at Metrics

Hover over titles for definitions.

MIT - Maximum inventory threshold (at industry + in serving yard) established for a customer and used to identify inventory issues before adverse impact to the network.

On Hand Count - Rail cars currently in the serving area.

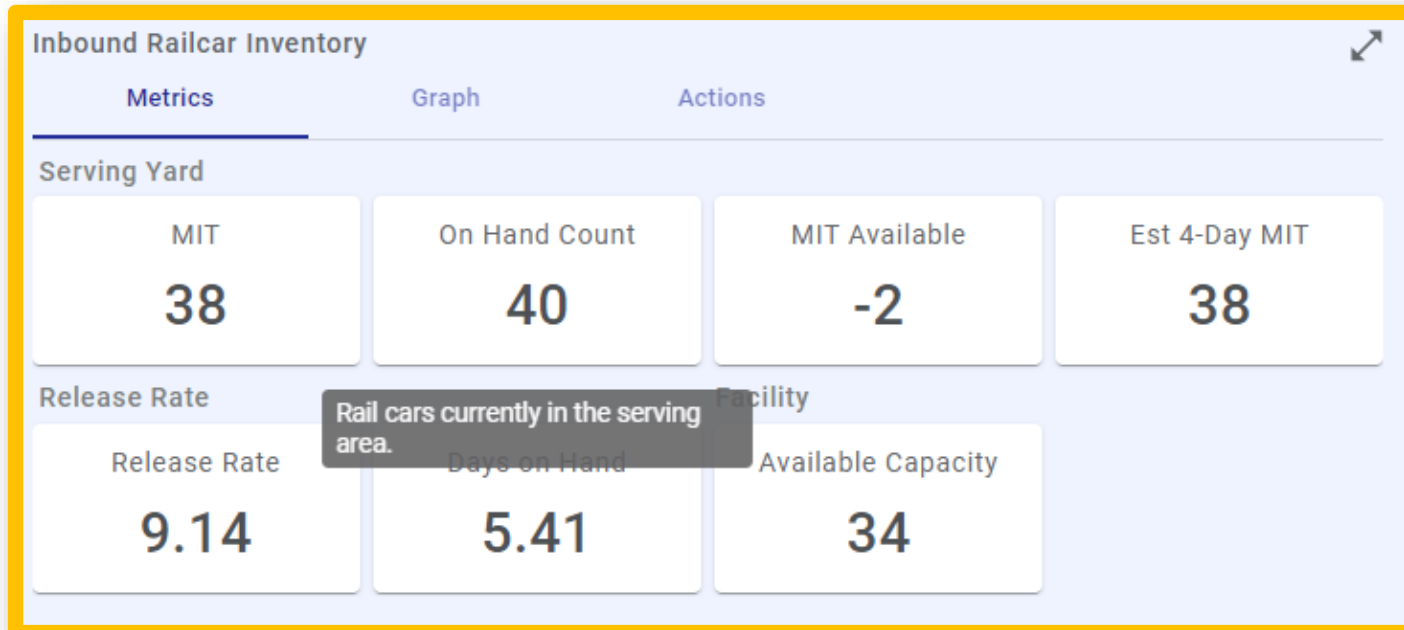
MIT Available - Difference between MIT and estimated on hand count.

Est. 4-Day MIT - Estimated available MIT space in 4-days, based on enroute rail cars to the serving area, minus average daily release rate.

Release Rate - Amount of rail cars released over a 7-day period (total volume divided by 7).

Days on Hand - Number of days of inventory holding in the serving area, based on the average daily release rate over previous 28 days.

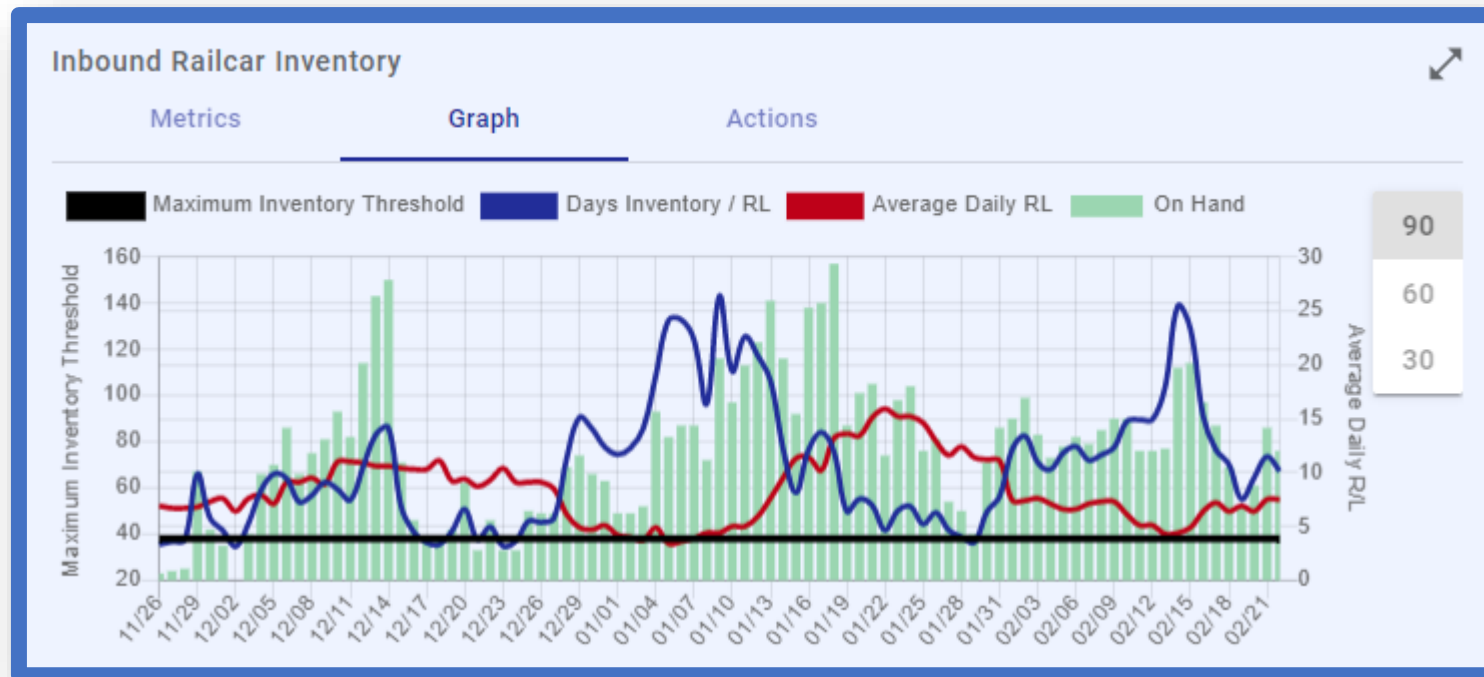
Available Capacity - Number of empty spots at industry-total cars ordered in.



Understanding Inbound Railcar Inventory

The second tab labeled **Graph** shows:

Graph - Displays MIT, days in inventory/release, average daily release and cars on hand. Remove data from the graph by selecting the name of the data point on the key. Change the view from a 90-, 60-, 30- days view on the right-hand side of the graph.

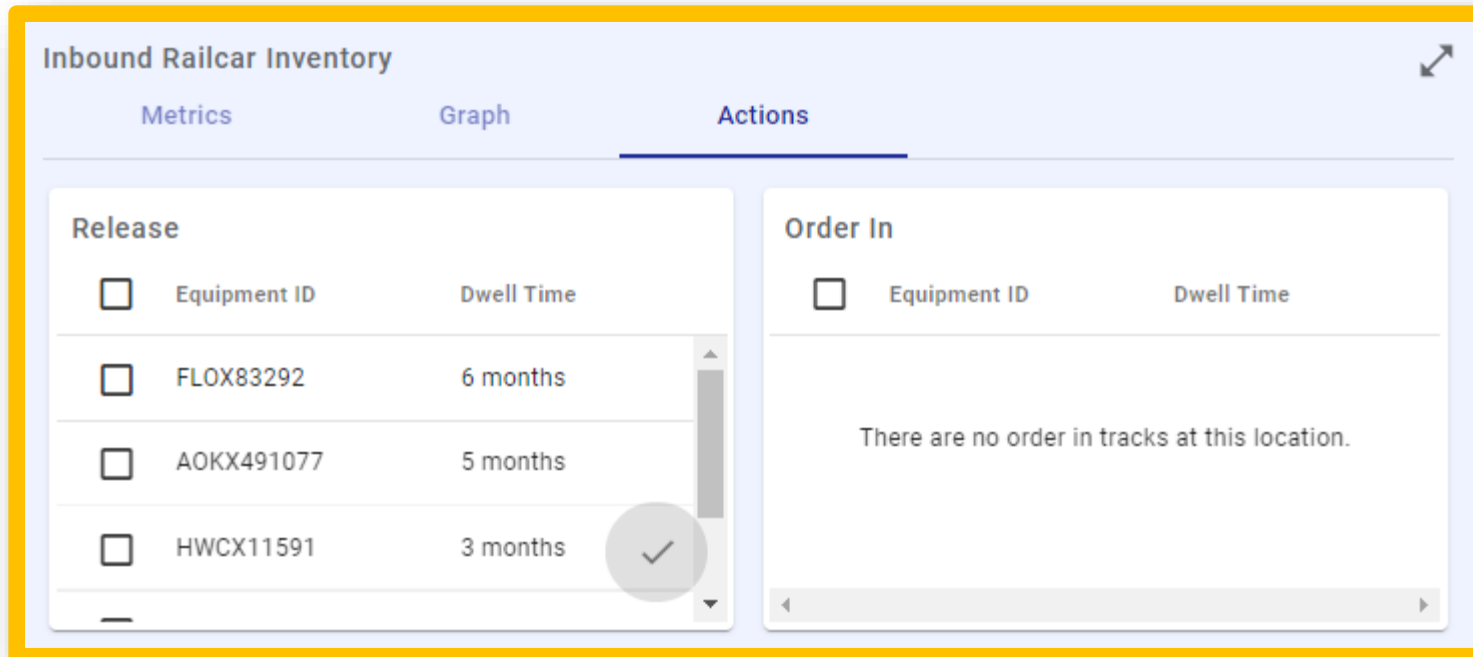


Understanding Actions

The third tab labeled **Actions** allows users to:

Release - Release cars from the dashboard. Choose the cars from the list and select the check mark. This will open the release page within Shipment Management with the cars preselected.

Order In - Order in cars (if applicable) from the serving area. Choose the cars from the list and select the check mark. This will open the order in page within Shipment Management with the cars preselected.



The screenshot displays the 'Inbound Railcar Inventory' dashboard. At the top, there are three tabs: 'Metrics', 'Graph', and 'Actions', with 'Actions' being the active tab. Below the tabs, there are two main sections: 'Release' and 'Order In'. The 'Release' section contains a table with columns for 'Equipment ID' and 'Dwell Time'. The 'Order In' section contains a table with columns for 'Equipment ID' and 'Dwell Time', and a message stating 'There are no order in tracks at this location.' A large checkmark icon is overlaid on the bottom right of the 'Release' table.

Equipment ID	Dwell Time
<input type="checkbox"/>	
<input type="checkbox"/> FLOX83292	6 months
<input type="checkbox"/> AOKX491077	5 months
<input type="checkbox"/> HWCX11591	3 months

Equipment ID	Dwell Time
<input type="checkbox"/>	

There are no order in tracks at this location.

Understanding Outbound Private Loaded Railcar Inventory

The tab labeled **Metrics** shows:

Target Inventory Calculation - Average release rate, average scheduled transit time (w/ 24 hr. buffer) and target inventory.

Available Capacity Calculation - Target inventory, current inventory and available capacity.

Target Inventory Calculator – Functional calculator used to enter projections and determine what your target inventory will be.



Closer Look at Metrics

Hover over titles for definitions.

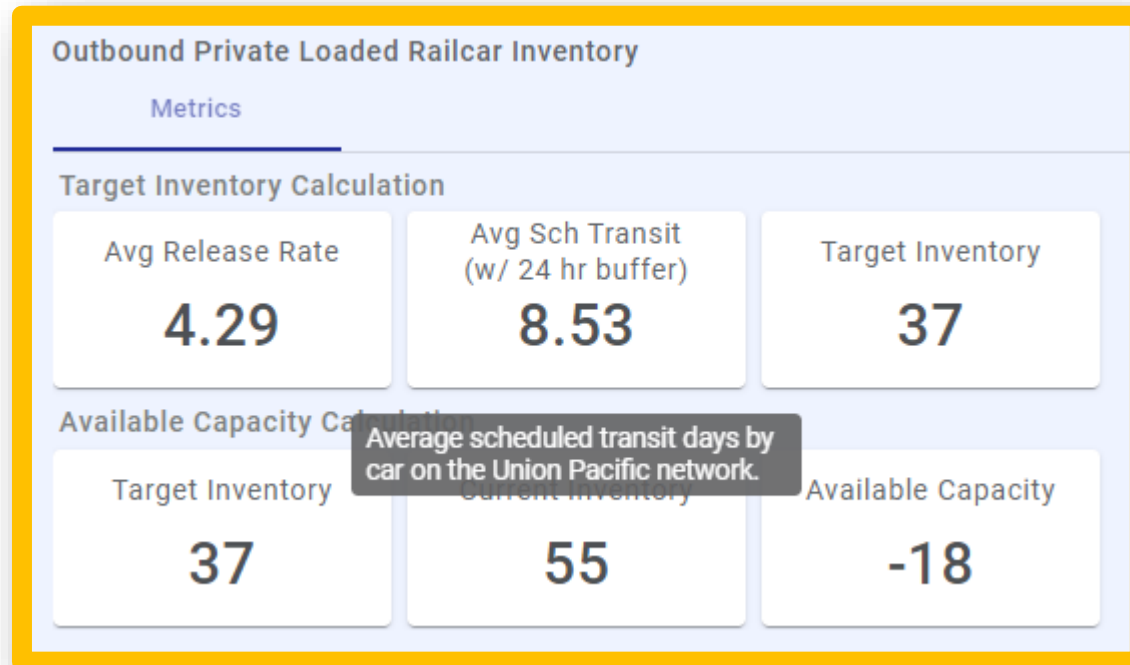
Average Release Rate – Release average based on previous 14 days of loaded cars released to Union Pacific.

Average Scheduled Transit (w/ 24hr buffer) - Average scheduled transit days by car on the Union Pacific Network.

Target Inventory - Average release rate multiplied by the average scheduled transit (including 24hr buffer). Total is rounded up to the nearest whole number.

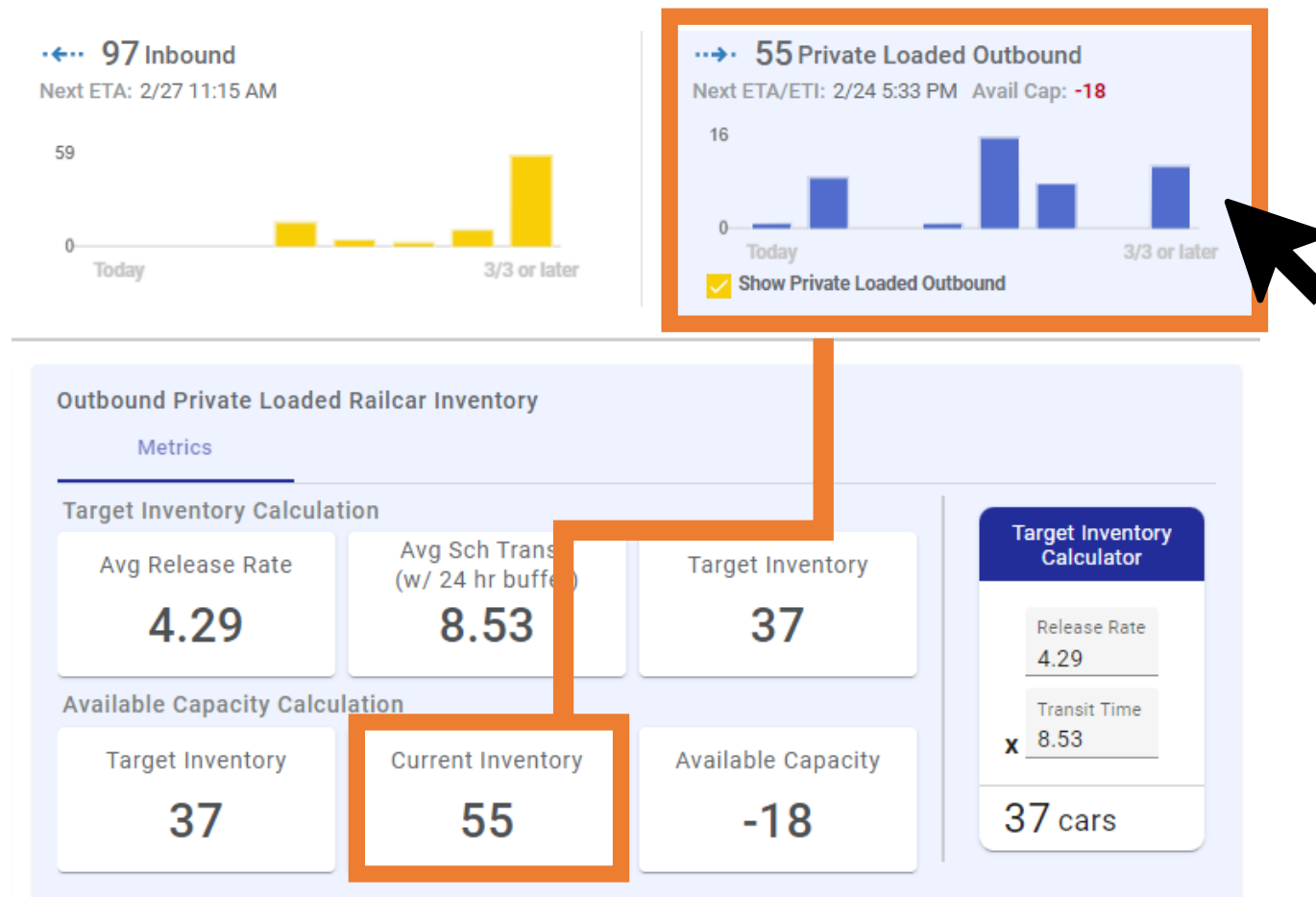
Current Inventory – Total car inventory of private equipment on the Union Pacific network.

Available Capacity – Target Inventory- Current Inventory.



Closer Look at Metrics- Viewing Current Inventory

To view your current inventory, select the chart labeled **Private Loaded Outbound**.



Closer Look at Metrics- Viewing Current Inventory

This will take you to a filtered Track Shipments view of all private loaded equipment counting towards your current inventory grouped by destination.

Carload Locations: ABC Company, NE

Saved Views: Outbound Operating Inventory (De...)

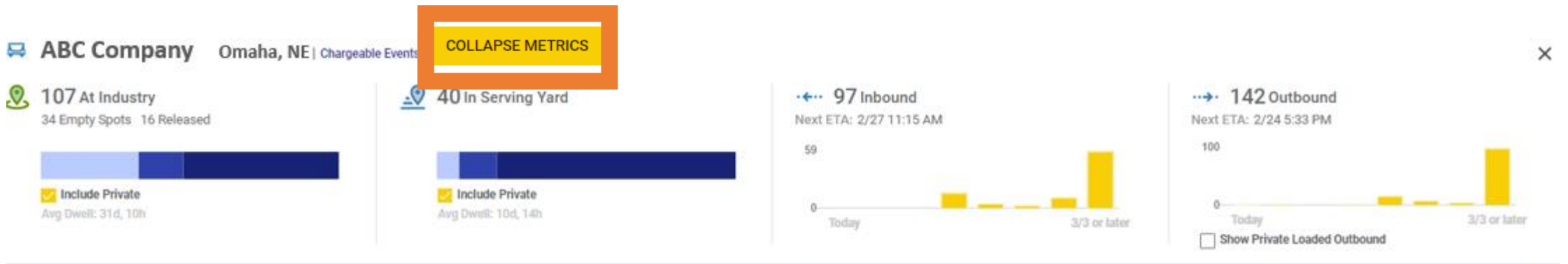
Exceptions / Dwell Only | Load | Empty

Showing 62 Equipments

<input type="checkbox"/>	EQUIPMENT ID	COMMODITY	LAST ACCOMPLISHED	ESTIMATED TIME OF ARRIVAL	ESTIMATED TIME OF INTERCHANGE	CONSIGNEE
Destination City-State - Chicago-IL (2 Equipment)						
<input type="checkbox"/>	ABCD30049 ✓ Load MASYC 23	1441310: Indsnd	Villa Grove, IL Train departure 02/24/2023 01:05		Clearing, IL 02/25/2023 22:20	Union Pacific Chicago, IL
<input type="checkbox"/>	ABCD30048 ✓ Load LSE59 23 ⚠ ⚠	1441310: Indsnd	Lesperance, MO General Hold 02/24/2023 03:09			Union Pacific Chicago, IL
Destination City-State - Dilley-TX (5 Equipment)						
<input type="checkbox"/>	ABCD30047 ✓ Load MDUDU 23	1441313: Indsnd	Gateway Yard, IL Interchange Receipt (ALS) 02/24/2023 09:33	Dilley, TX 03/02/2023 02:37		Union Pacific Dilley, TX

Minimizing Metrics

To minimize metrics, select **Collapse Metrics** from within the dashboard.



Inbound Railcar Inventory			
Metrics	Graph	Actions	
Serving Yard			
MIT	On Hand Count	MIT Available	Est 4-Day MIT
38	40	-2	38
Release Rate		Facility	
Release Rate	Days on Hand	Available Capacity	
9.14	5.41	34	

Outbound Private Loaded Railcar Inventory		
Metrics		
Target Inventory Calculation		
Avg Release Rate	Avg Sch Transit (w/ 24 hr buffer)	Target Inventory
4.29	8.53	37
Available Capacity Calculation		
Target Inventory	Current Inventory	Available Capacity
37	55	-18

Target Inventory Calculator

Release Rate
4.29

Transit Time
x 8.53

37 cars