System Metrics

Contents

System Metrics

Monitor system status and health at a glance on the System Metrics page.

The **System Metrics** page of the Management and Governance Console reports information about users and system usage, as well as tracking data source statistics, system performance, and the status of systems tasks.

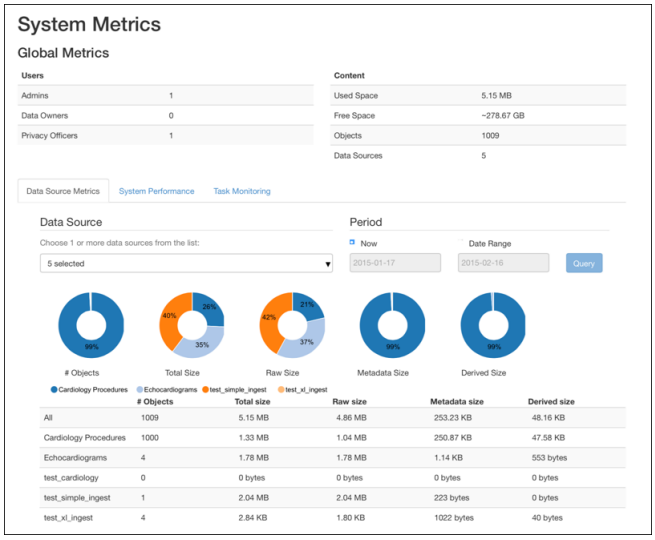
View Global Metrics

View summary information about users and the content residing on your system in the **Global Metrics** pane of the **System Metrics** page.

To view global metrics:

Open the **System Metrics** screen, by clicking the **System Metrics** icon in the left navigation bar.

The **System Metrics** page opens showing the **Global Metrics** pane and the **Data Source Metrics** tab.



In the **Users** column, you can see how many users are currently created for the system, sorted by user role. In the **Content** column, you can see how much used and free space there is on the system, as well as the number of objects the system is currently storing and the number of data sources that have been configured.

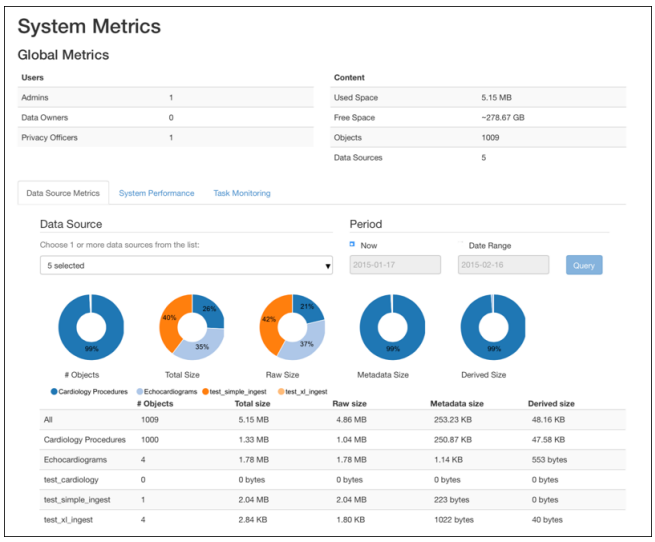
View Data Source Metrics

View statistics about data sources on the **Data Source Metrics** tab of the **System Metrics** page.

To view data source metrics:

1. Open the **System Metrics** screen, by clicking the **System Metrics** icon in the left navigation bar.

   The **System Metrics** page opens showing the **Global Metrics** pane and the **Data Source Metrics** tab.



2. By default, the **Data Source Metrics** pane shows metrics for all data sources. To view information for some other set of data sources, click the drop-down arrow in the **Data Sources** field and check each data source you want included in the metrics. If you want to include all data sources, you can check **All**.
3. Choose the query period: select **Now** to see a current snapshot, or select **Date Range** to specify a range of dates. The format for dates is *yyyy-mm-dd*.
4. Click **Query**.

   The results of your query are displayed below the selection parameters.

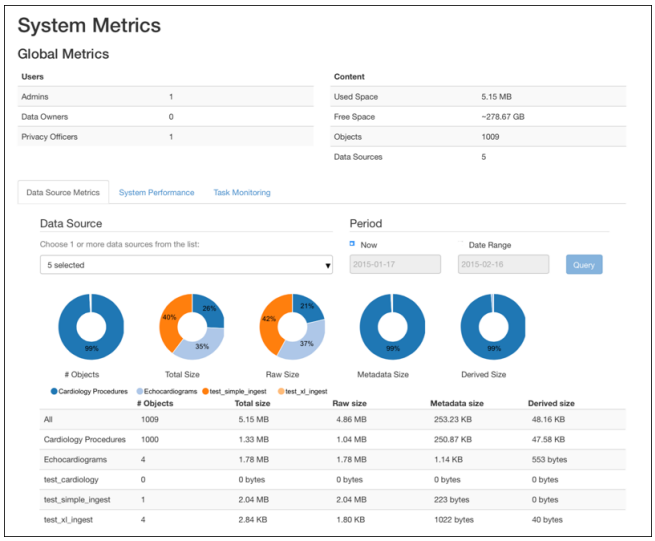
View System Performance

View performance statistics for data ingest and dataset execution on the **System Performance** tab of the **System Metrics** page.

To view data ingest and dataset execution metrics:

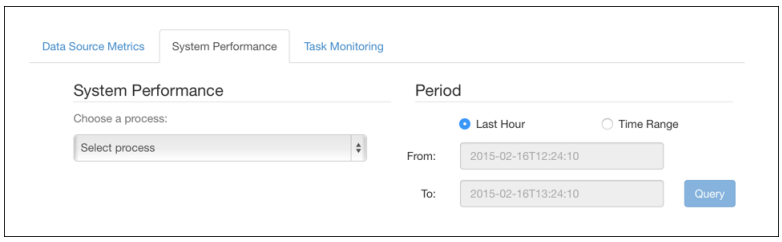
1. Open the **System Metrics** screen, by clicking the **System Metrics** icon in the left navigation bar. 

   The **System Metrics** page opens showing the **Global Metrics** pane and the **Data Source Metrics** tab.



2. Click the **System Performance** tab.

   The **System Performance** tab opens.



3. In the **System Performance** field, choose **Data Ingest** to view performance information for data ingest, or **Data Execution** to view performance information for dataset execution.
4. Choose the query period: select **Last Hour** to see statistics for the previous hour, or select **Time Range** to specify a range of times. The format for time is *yyyy-mm-ddThh:mm:ss*, where hours are specified in 24-hour time format.
5. Click **Query**.

   The results of your query are displayed below the selection parameters.

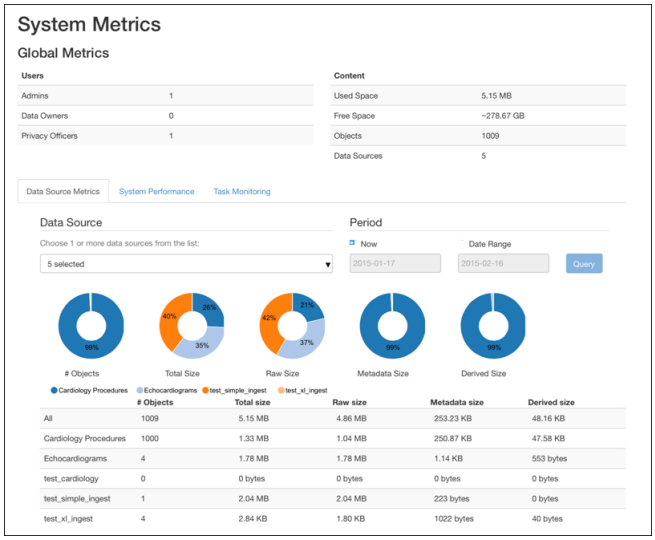
Monitor System Tasks

Monitor PHEMI Central system tasks on the **Task Monitoring** tab of the **System Metrics** page.

To monitor system tasks:

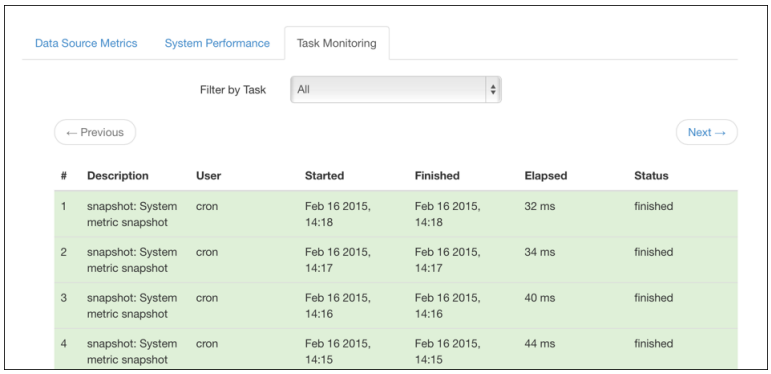
1. Open the **System Metrics** screen, by clicking the **System Metrics** icon in the left navigation bar. 

   The **System Metrics** page opens showing the **Global Metrics** pane and the **Data Source Metrics** tab.



2. Click the **Task Monitoring** tab.

   The **Task Monitoring** tab opens, showing system tasks with most recently executed tasks shown first.



3. By default, the **Task Monitoring** pane shows all task types. You can focus on a single task type by clicking the drop-down arrow in the **Filter by Task** field and checking the task type you want included in the list. If you want to include all task types, you can check **All**.

Option	Description
chained	The system has ingested raw data for which a system DPF exists and executed the DPF in conjunction with ingest.
cleanup	The system has checked retention rules for a data source and deleted data in accordance to the retention policy.
derive	The system has run a custom DPF against raw data.
download	?? *No guess here.*
execute	?? *No guess here.*
ingest	The system has ingested data from the specified data source.
snapshot	The system has taken a snapshot of information for system metrics.

When you make your selection, the results display from most recent to less recent below the selection parameters.