



MICHIGAN SURGICAL QUALITY
COLLABORATIVE

Tableau Report Guide

2023 Collaborative-Wide Measure



April 2023

2023 Collaborative-Wide Measure Definition

MSQC 2023 Performance Index Scorecard General Measures Monitoring		HOSPITAL INFORMATION		
		Hospital Name:	<Enter your hospital's name here>	
		Project Submitter Name:	<Enter your name here>	
Goal Definition	Variable Requirements	Measurement Period	Goal	Points
Collaborative-Wide Measure (CWM) Reduce the percentage of all MSQC elective procedures* performed on patients who have smoked within the last 30 days prior to surgery *Excludes patients with disseminated cancer	Preop Tab: Tobacco Use within 1 month – Cigarette= Yes ("Less is better" measure)	1/1/2023 - 12/31/2023 (cases in Workstation marked Complete (incl. follow-up) as of 1/16/2024)	"MSQC-All" Goal* ≤ 13.9%: 20 points 14.0% - 14.4%: 15 points 14.5% - 15.0%: 10 points 15.1% - 15.6%: 5 points ≥ 15.7%: 0 points *Goal may be updated when additional 2022 data available	0 - 20 points available, depending on collaborative-wide performance

Denominator:

- All MSQC-eligible cases where *Case Completed?* = **case abstraction complete including 30 day follow up**
AND
- *Surgical Priority* = **Elective**
AND
- *Disseminated Cancer* ≠ **Yes**

Numerator:

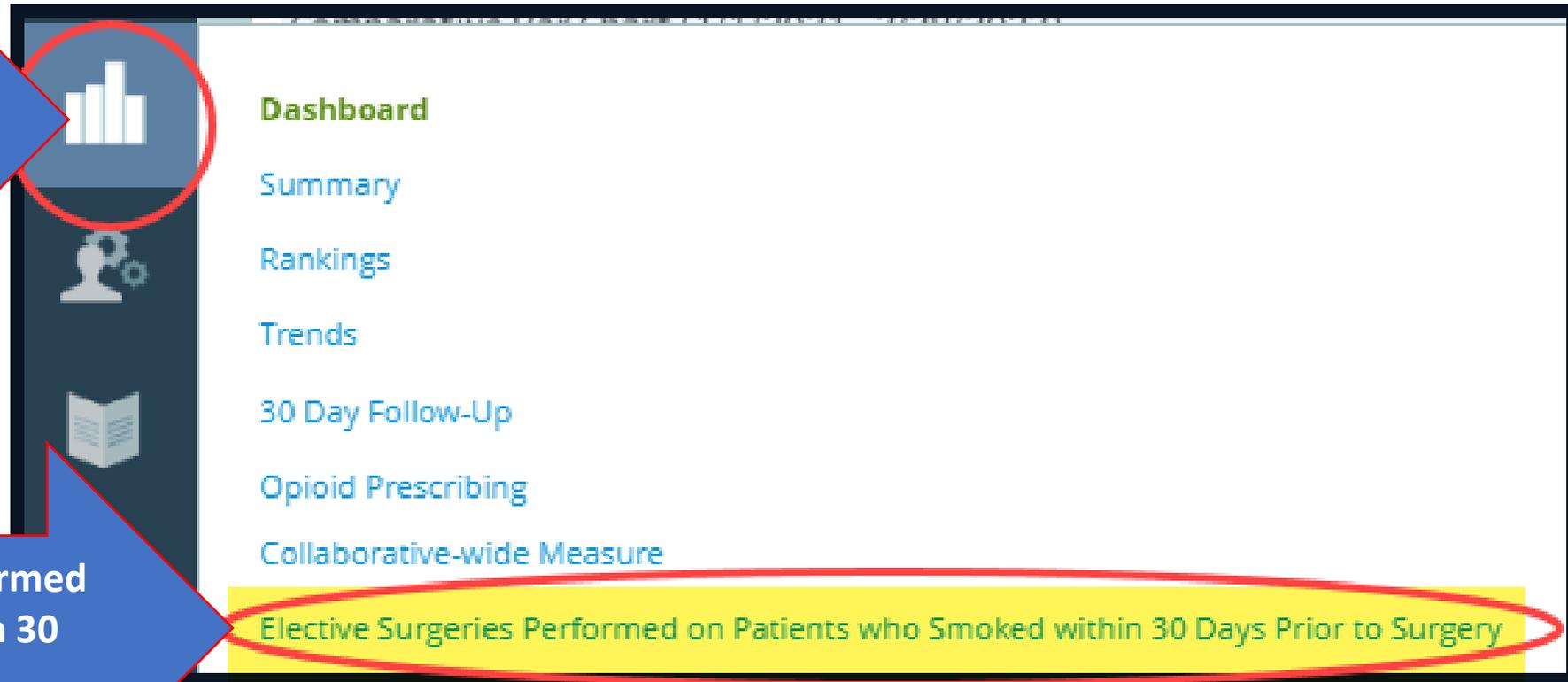
- Denominator cases where *Tobacco use within 1 month – Cigarette* = **Yes**

2022 Baseline Rate (cases in Workstation marked Complete as of 1/16/2023): 16.37%

2023 Goal to earn maximum P4P points: ≤ 13.9% (equates to a 15% reduction from 2022 baseline)

Accessing Tableau Report for 2023 Collaborative-Wide Measure

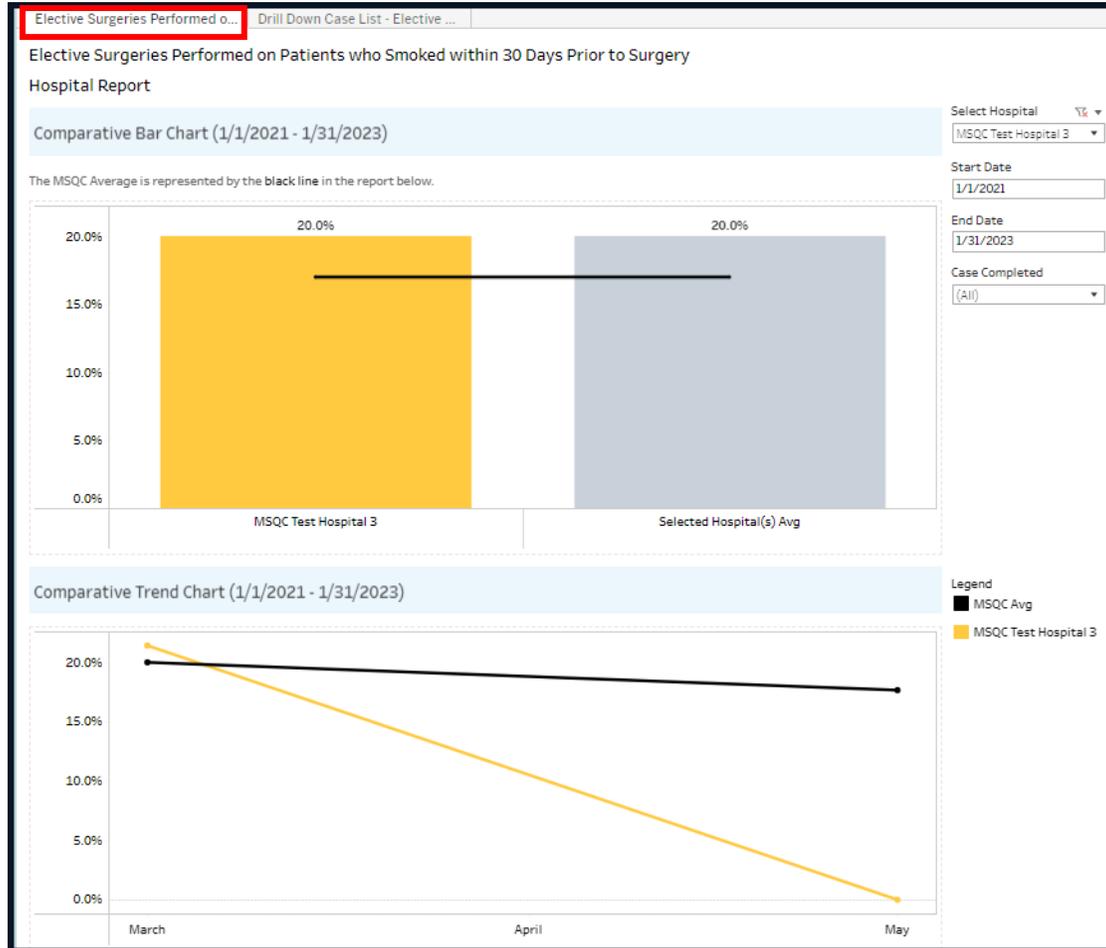
1. Select “Reports” icon in left navigation bar of MSQC Workstation



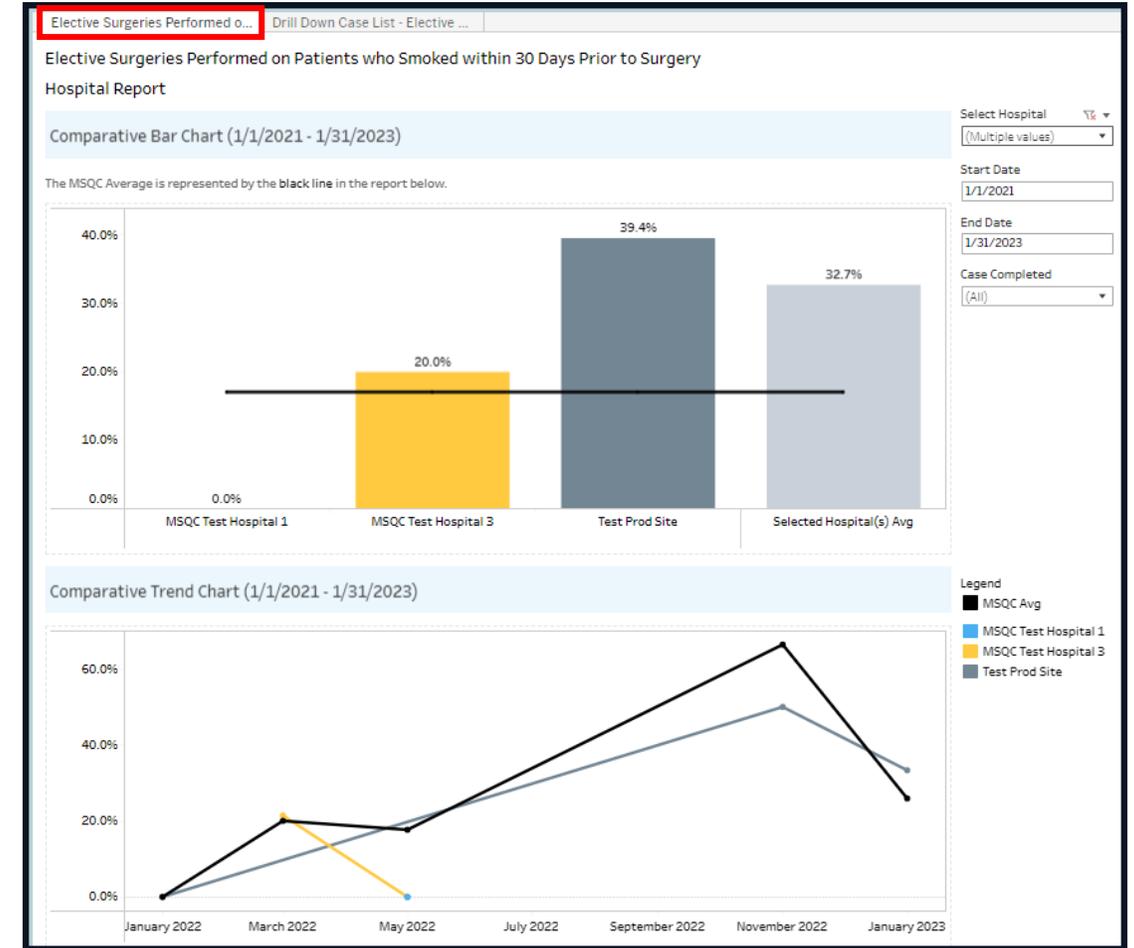
2. Select “Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery”

First Tableau Worksheet – Bar Chart and Trend Chart

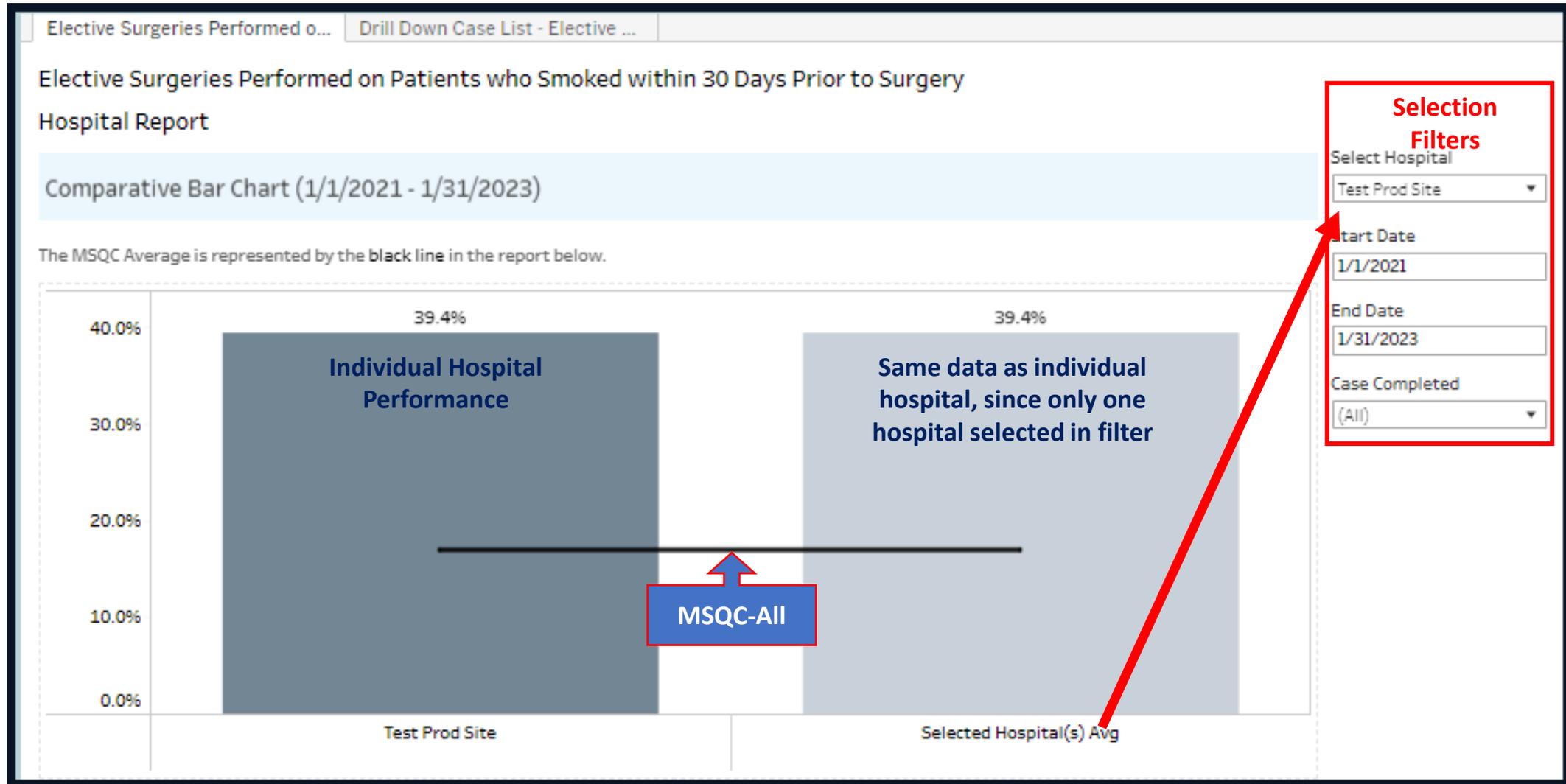
Single Hospital View



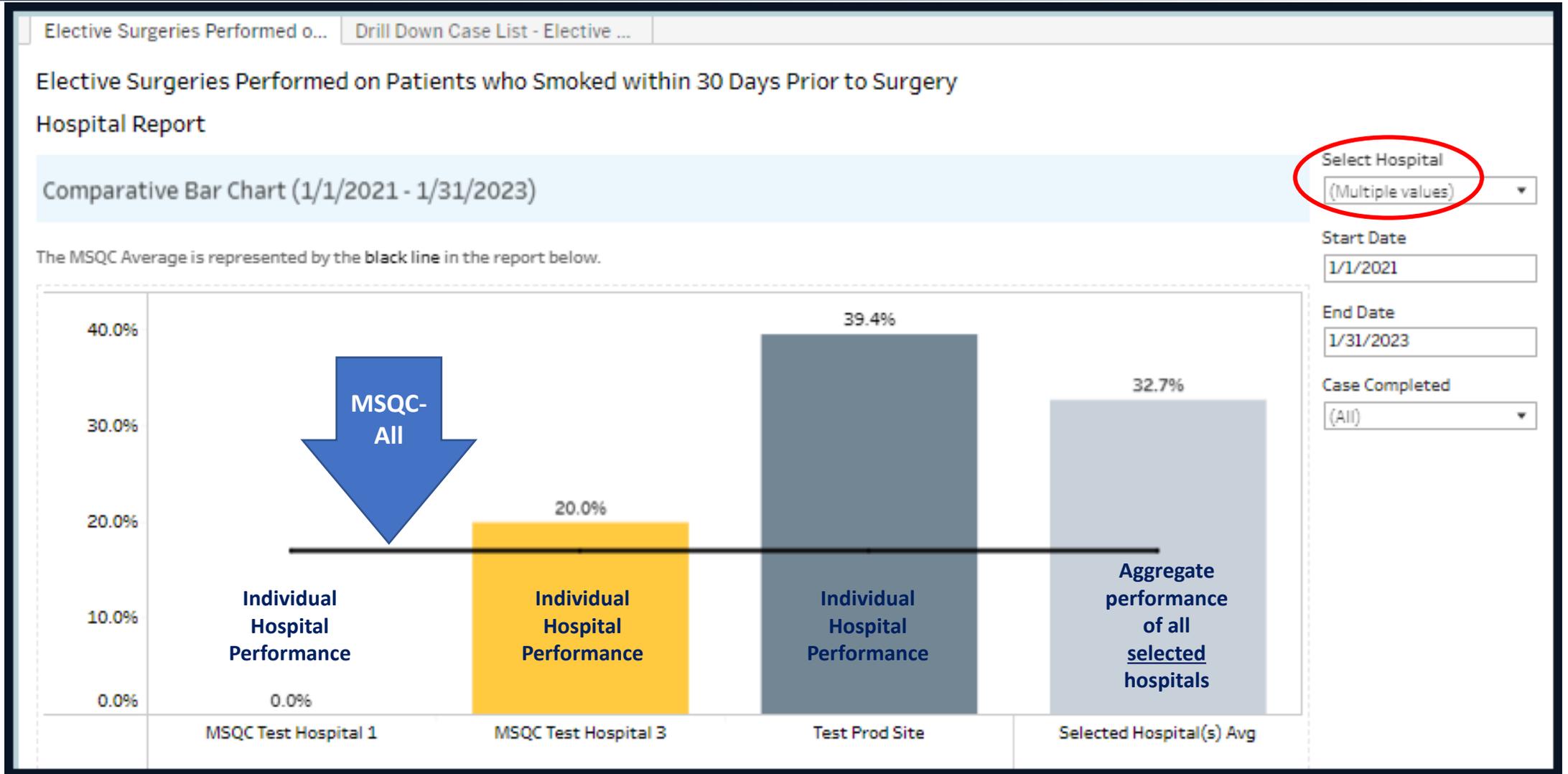
Multi-Hospital View



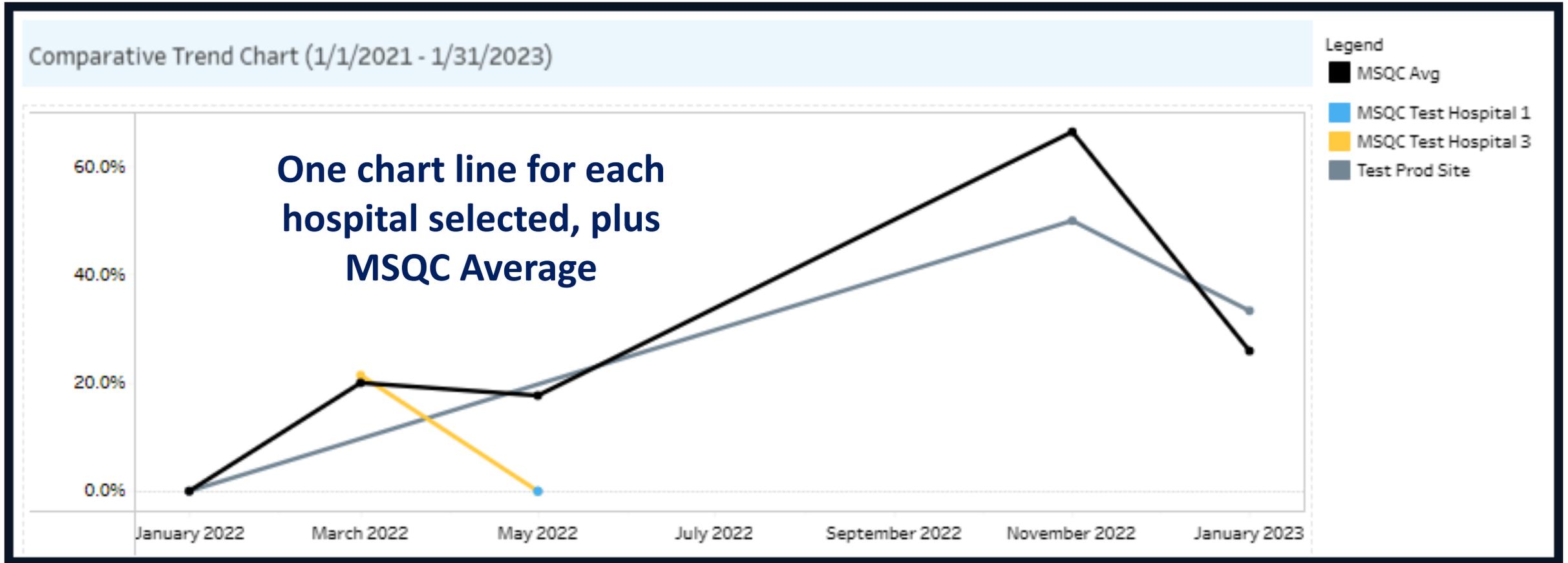
Bar Chart: Single Hospital Report View



Bar Chart: Multi-Hospital Report View



Trend Chart



Drill Down Case List

- Listing of all cases that comprise the measure denominator.
- Use filters to narrow down to numerator list.
- Blue header contains record count in the list. Use this to determine numerator and denominator numbers.
- Sort individual columns by clicking on the column headers.
- Click through to individual case record in the Workstation.

Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery

Drill Down Case List

Drill Down Case List (1/1/2021 - 1/31/2023) - Number of Records = 49

Case #	Select Hospital	Surgery Date	Procedure Group	Smoker	Smoking Cessation Counseling
	Test Prod Site	4/9/2022	Hernia Repair	No	Yes
	MSQC Test Hospital 1	5/2/2022	Cholecystectomy	No	No
	MSQC Test Hospital 3	5/2/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	Yes	Yes
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	No	No
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	Yes	Yes
	MSQC Test Hospital 3	3/11/2022	Hysterectomy	Yes	No
	Test Prod Site	11/20/2022	Appendectomy	Yes	Yes
	Test Prod Site	11/20/2022	Mastectomy	No	No
	Test Prod Site	11/20/2022	Colectomy	Yes	Yes
	Test Prod Site	11/20/2022	Colectomy	No	No
	Test Prod Site	11/20/2022	Colectomy	Yes	Yes
	Test Prod Site	11/20/2022	Colectomy	No	No
	Test Prod Site	11/20/2022	Colectomy	Yes	Yes
	Test Prod Site	11/1/2022	Cholecystectomy	No	No
	Test Prod Site	11/20/2022	Thyroidectomy	No	No
	Test Prod Site	11/20/2022	Colectomy	Yes	No
	Test Prod Site	11/20/2022	Colectomy	No	No
	Test Prod Site	11/1/2022	Appendectomy	Yes	No
	Test Prod Site	11/1/2022	Hernia Repair	No	No
	Test Prod Site	11/9/2022	Mastectomy	Yes	No
	Test Prod Site	1/13/2023	Proctectomy	Yes	No
	Test Prod Site	1/7/2023	Hernia Repair	No	No
	Test Prod Site	1/12/2023	Thyroidectomy	Yes	Yes
	Test Prod Site	1/8/2023	Hernia Repair	No	Yes

Registry Case List

Select Hospital
(Multiple values)

Start Date
1/1/2021

End Date
1/31/2023

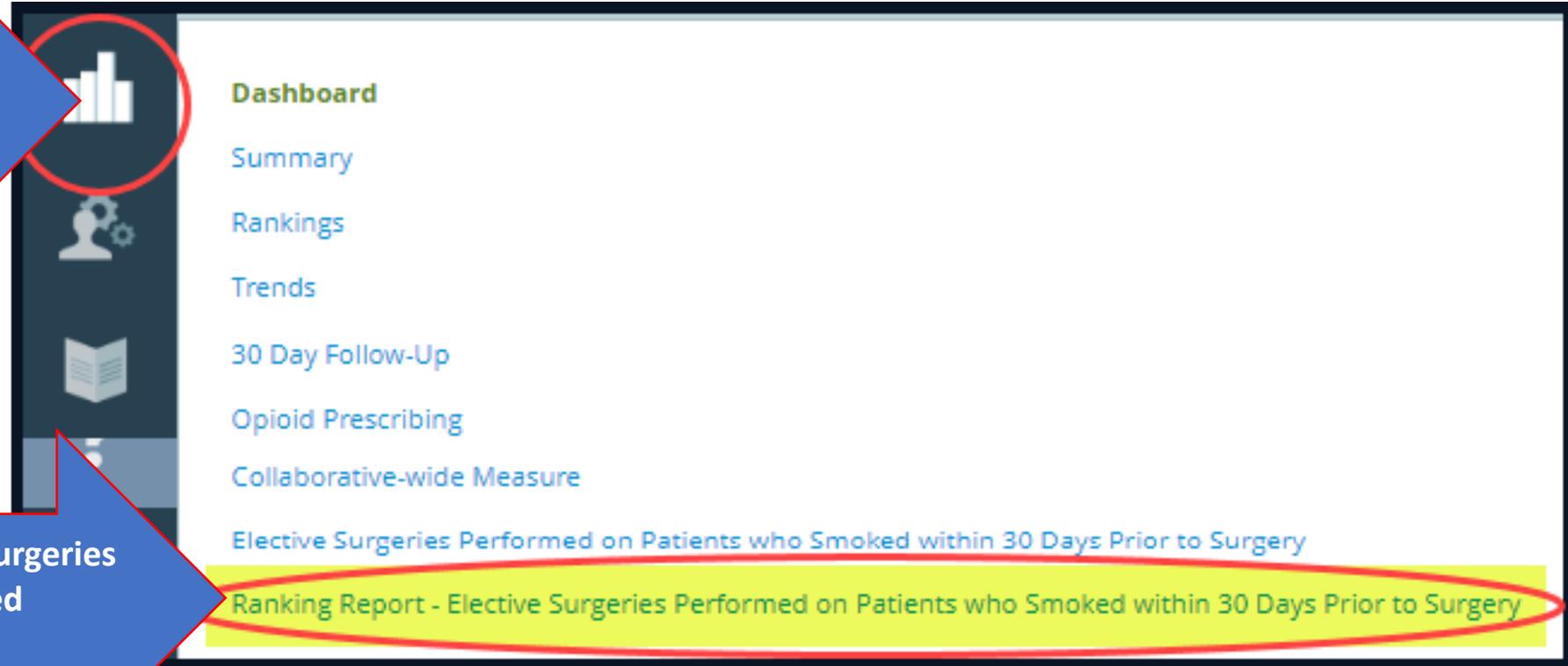
Case Completed
(All)

Smoker
(All)

Smoking Cessation Coun...
(All)

Accessing Site Ranking Report for 2023 Collaborative-Wide Measure

1. Select "Reports" icon in left navigation bar of MSQC Workstation

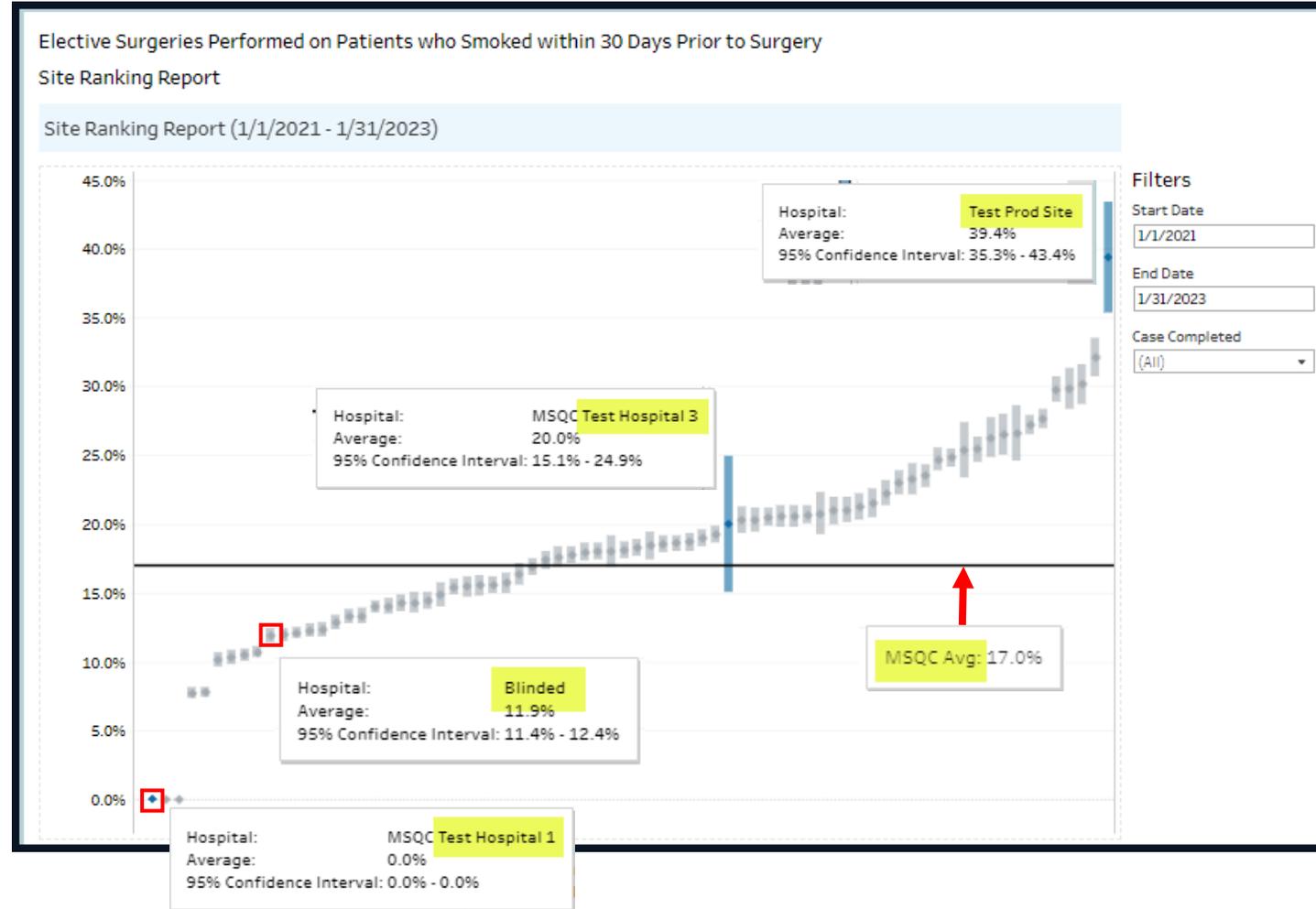
A screenshot of the MSQC Workstation interface. On the left is a dark vertical navigation bar with several icons. The top icon, a bar chart, is circled in red. To the right of the navigation bar is a white menu area with the following items: Dashboard (bold), Summary, Rankings, Trends, 30 Day Follow-Up, Opioid Prescribing, Collaborative-wide Measure, and two blue links: "Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery" and "Ranking Report - Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery". The second link is highlighted with a yellow background and circled in red. A red arrow points from the first instruction to the bar chart icon, and another red arrow points from the second instruction to the highlighted link.

Dashboard
Summary
Rankings
Trends
30 Day Follow-Up
Opioid Prescribing
Collaborative-wide Measure
Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery
Ranking Report - Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery

2. Select "Ranking Report - Elective Surgeries Performed on Patients who Smoked within 30 Days Prior to Surgery"

Site Ranking Report

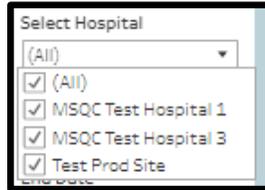
- Displays ranking of every MSQC site.
- Can hover over and see details about hospital site(s) based on your security access (blue highlighted bars).
- Hover over light gray bars for other hospital ranking data with blinded hospital name.
- Hover over light gray bars for other hospital ranking data with blinded hospital name.
- Horizontal gray line is MSQC average.



Filters and Tricks

Filters

Select Hospital: Hospitals appearing in the filter will be based on your User ID security settings. Most SCQRs will see one hospital.

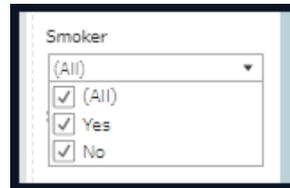


Case Completed:

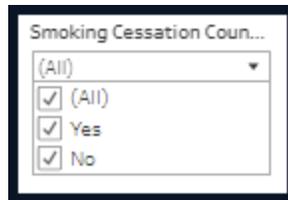
- **Including 30-day follow-up:** everything completed on case; no remaining work left to address.
- **Waiting on 30-day follow-up:** EMR abstraction complete but waiting on PRO information to fully complete the case.
- **2022 and earlier:** only for cases prior to 2023. Same as “including 30-day follow-up”.



Smoker: Use to identify 2023 CWM numerator (Smoker = Yes)
2023 CWM denominator = All smoking status

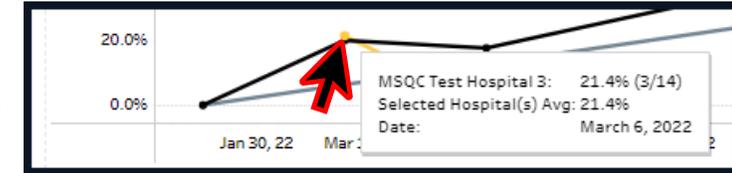


Smoking Cessation Counseling: Use to identify which cases received smoking cessation counseling.



Tricks

Hover mouse pointer over data point/data bar to see detailed data



On trend charts, hover mouse pointer at X-Y axis intersect to adjust X-axis time frames.
+ makes the time intervals smaller
- makes the time intervals larger



Drilldown List: click on Case # to access option to launch the Workstation case record (new window opens)

Case #	Select Hospital	Surgery Date
	MSQC Test Hospital 3	3/11/2022
		022
		022
		2022
		2022
		2022
	Test Prod Site	11/20/2022

Buttons: Keep Only, Exclude, Go to Case Record

Export options available in lower right footer of report window.

