



MVC Preoperative Testing Report – BCBSM Payers

Dear MVC member,

MVC's preoperative testing report was developed as part of MVC's Preoperative Testing Value Coalition Campaign (VCC). This VCC aims to reduce the use of unnecessary preoperative testing for surgical procedures to improve quality, reduce cost, and improve the equity of care delivery in Michigan. To extend the reach of this effort and encourage clinical and quality teams to work together to identify patterns and explore new strategies, the MVC Coordinating Center has partnered with the Michigan Surgical Quality Collaborative to distribute these reports more widely. MVC suspects that preoperative testing is overused at the state level such that even hospitals with average or below average rates may still have significant opportunities to safely reduce preoperative testing.

Report Details

- Patients Included
 - ICD-10-CM/PCS and CPT codes were used to identify patients undergoing elective and outpatient laparoscopic cholecystectomy, laparoscopic inguinal hernia repair, and lumpectomy. *For a list of codes, please refer to the Preoperative VCC Code List located on the MVC Registry under the Resources tab.*
 - Hospitals will receive a report if they had 11 or more cases in at least one of the three conditions and at least 11 cases in each year for the three conditions combined.
 - Patients with 90-day episodes having index events 1/1/2019-12/31/2021
- Tests Evaluated
 - Claims were evaluated for the index event as well as the 30 days prior to low-risk surgical procedures for the following common tests: electrocardiogram, echocardiogram, cardiac stress test, complete blood count, basic metabolic panel, coagulation studies, urinalysis, chest x-ray, and pulmonary function test.
 - Tests performed in the emergency department or inpatient setting were not counted.
 - Tests were identified using CPT codes, which do not distinguish between testing for preoperative purposes and testing for other reasons.
- Data Sources
 - Blue Cross Blue Shield of Michigan PPO Commercial and Medicare Advantage Claims
 - Blue Care Network Commercial and Medicare Advantage Claims

For additional information and resources around preoperative testing, please visit the MVC Value Coalition Campaigns page of the MVC website (<https://michiganvalue.org/our-work/mvc-value-coalition-campaigns-vccs>). If you have any questions or would like to see additional preoperative testing data for your hospital, please reach out to the MVC Coordinating Center at michiganvaluecollaborative@gmail.com.

Thank you for your partnership,
The MVC Coordinating Center



Preoperative Testing Report - BCBSM Payers Hospital A

Your Hospital's Patient Population Snapshot*		
	No Preoperative Testing	Preoperative Testing
Percent with 2+ Comorbidities	10.8%	23.6%
Top 3 Comorbidities	Diabetes, COPD, Vascular Disease	Diabetes, COPD, Vascular Disease
Average Age	51.3	57.9
Top 2 Patient Zip Codes	48124, 48101	48180, 48124

Preoperative Testing Rates									
	Cholecystectomy (N=267)			Hernia Repair (N=165)			Lumpectomy (N=61)		
	Your Hospital	Your Region	MVC All	Your Hospital	Your Region	MVC All	Your Hospital	Your Region	MVC All
Any Tests	49%	55%	54%	43%	51%	52%	36%	65%	65%
Electrocardiography	15%	19%	21%	19%	23%	26%	11%	28%	32%
Cardiac Tests	4%	4%	3%	5%	3%	3%	5%	6%	6%
Blood Tests	38%	43%	42%	26%	39%	39%	25%	52%	51%
Urinalysis	9%	10%	9%	8%	9%	8%	3%	8%	6%
Chest X-Ray	4%	3%	4%	3%	2%	3%	7%	13%	13%
Pulmonary Function Tests	2%	2%	1%	2%	1%	1%	2%	1%	1%

N/A indicates that there are no episodes for a particular condition.

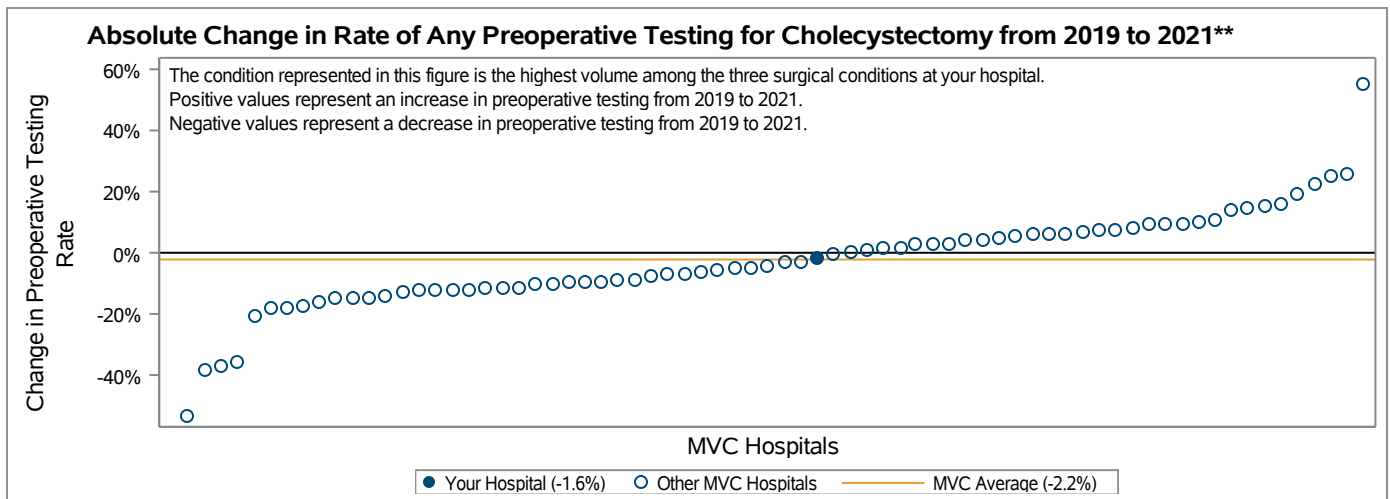
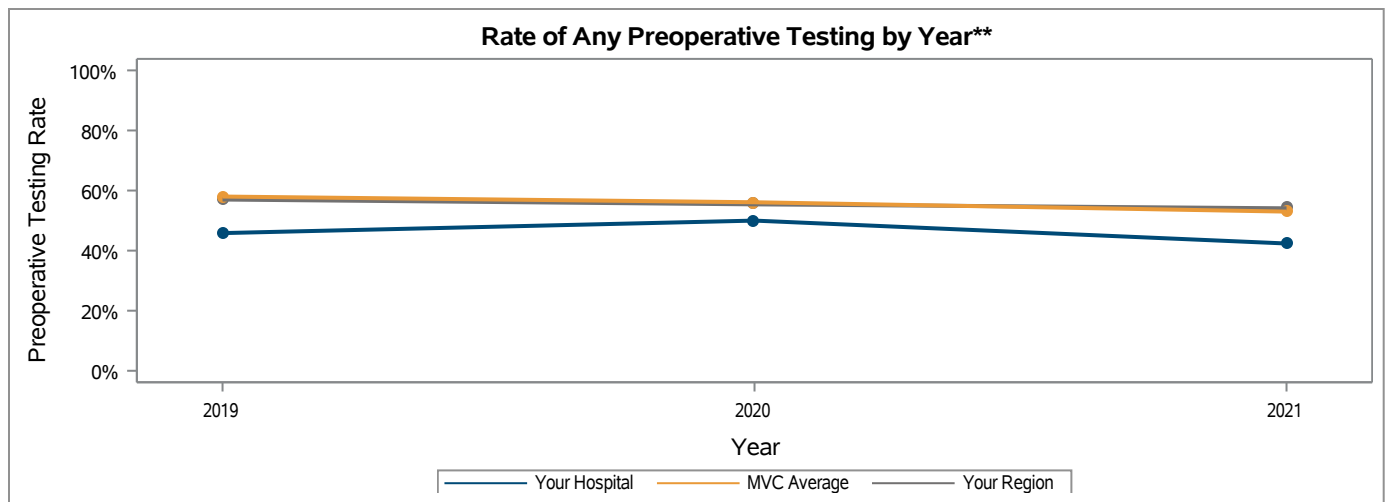
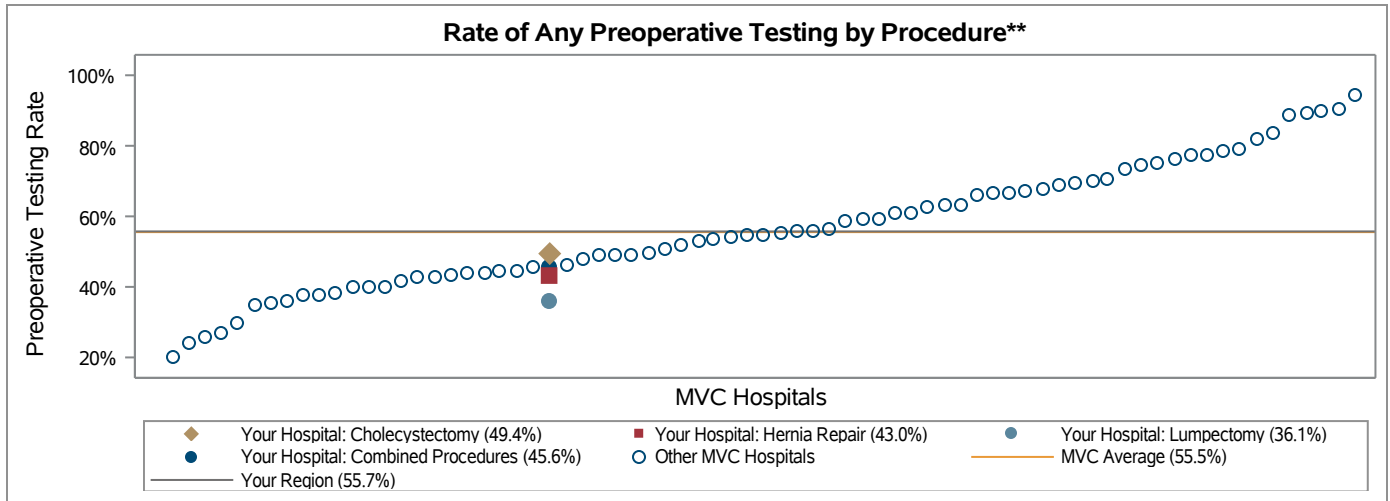
*Comorbidity count is calculated out of 12 common HCC groupings (chronic kidney disease, cerebrovascular accident, cancer, liver disease, COPD, CHF, diabetes, vascular disease, respiratory dysfunction, neurological disorders, drug and alcohol dependence, and psychological disorders). Cancer is not included as a comorbidity for Lumpectomy.

Reporting period: Index admissions from 1/1/19 - 12/31/21. Report Generated 07/28/22

Data source: Claims from an index event and the 30 days before the start of a qualifying MVC episode from BCBSM PPO Commercial, BCBSM PPO MA, BCN Commercial, and BCN MA



Preoperative Testing Report - BCBSM Payers Hospital A



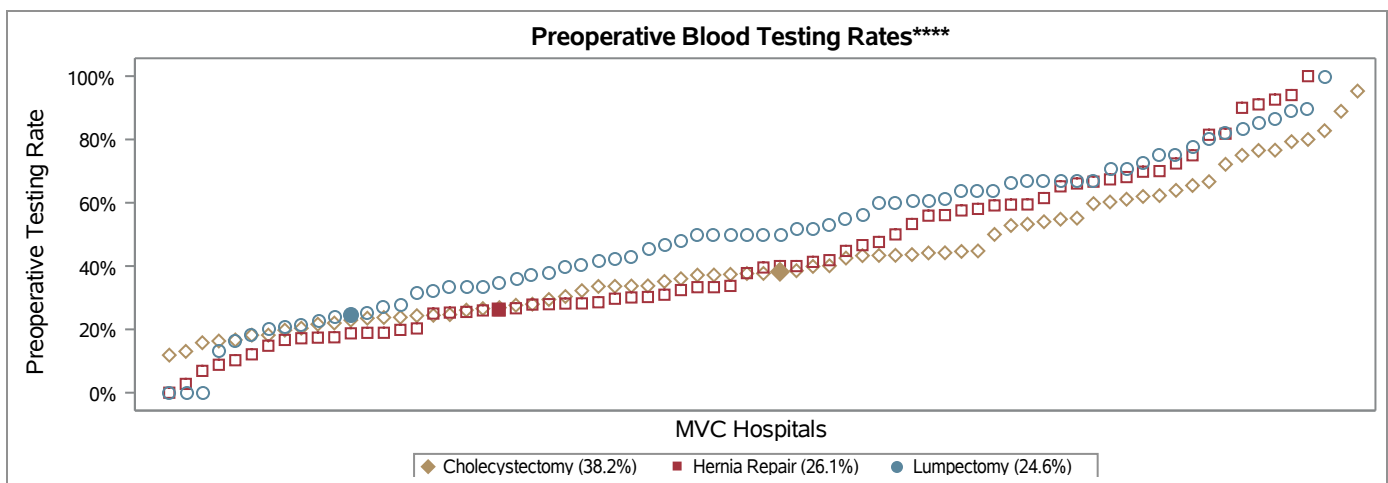
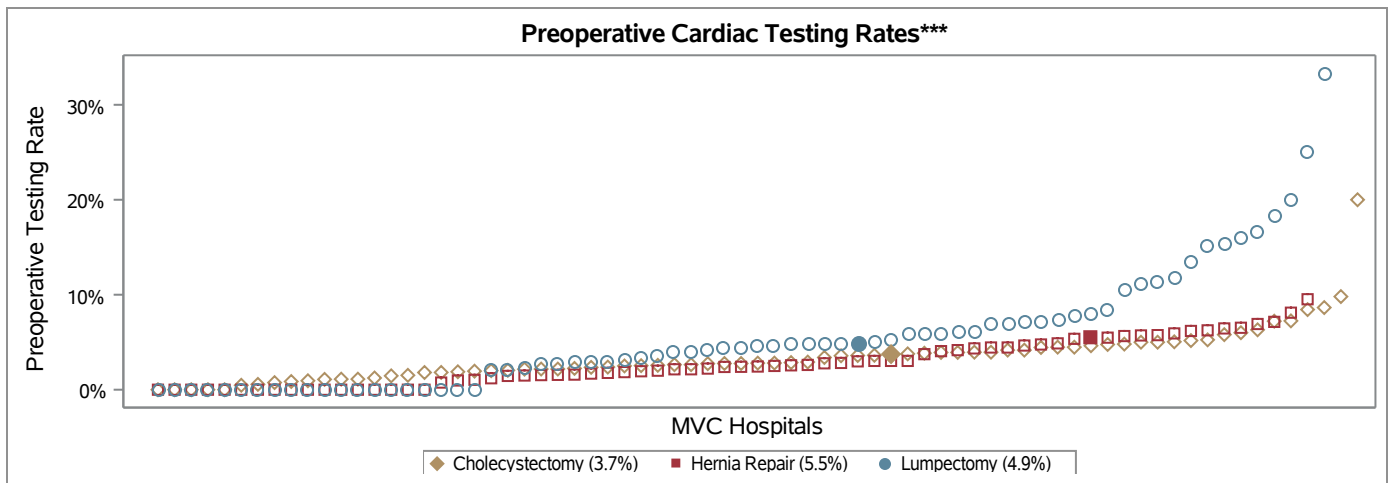
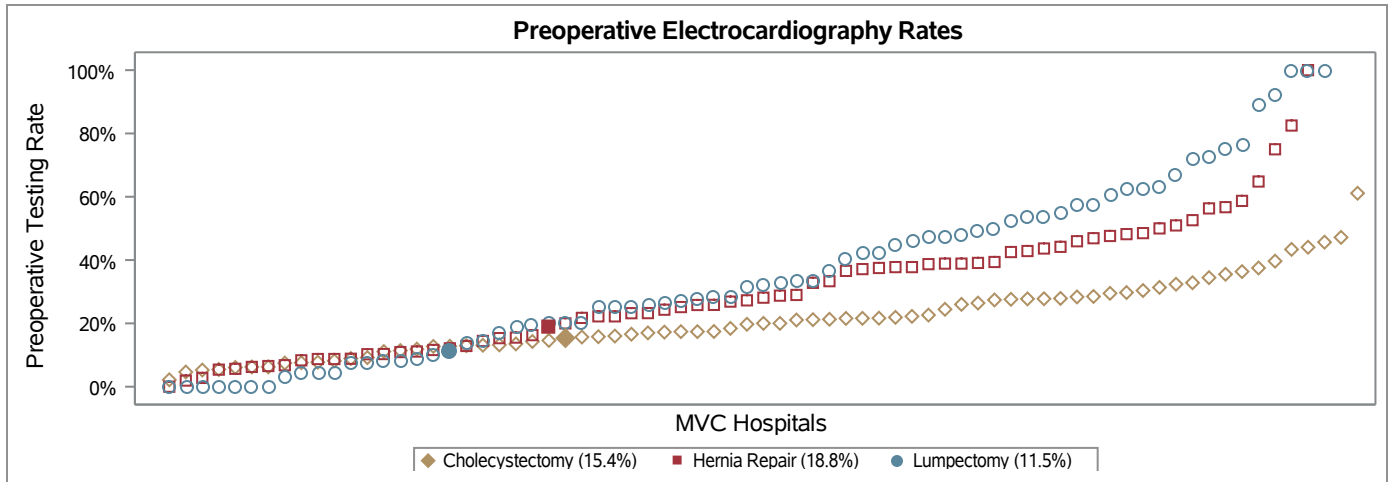
N/A indicates that there are no episodes for a particular condition.

**Tests include any of the following: electrocardiography, trans-thoracic echocardiography, cardiac stress tests, chest x-ray, urinalysis, complete blood count, basic metabolic panel, coagulation tests, and pulmonary function tests.

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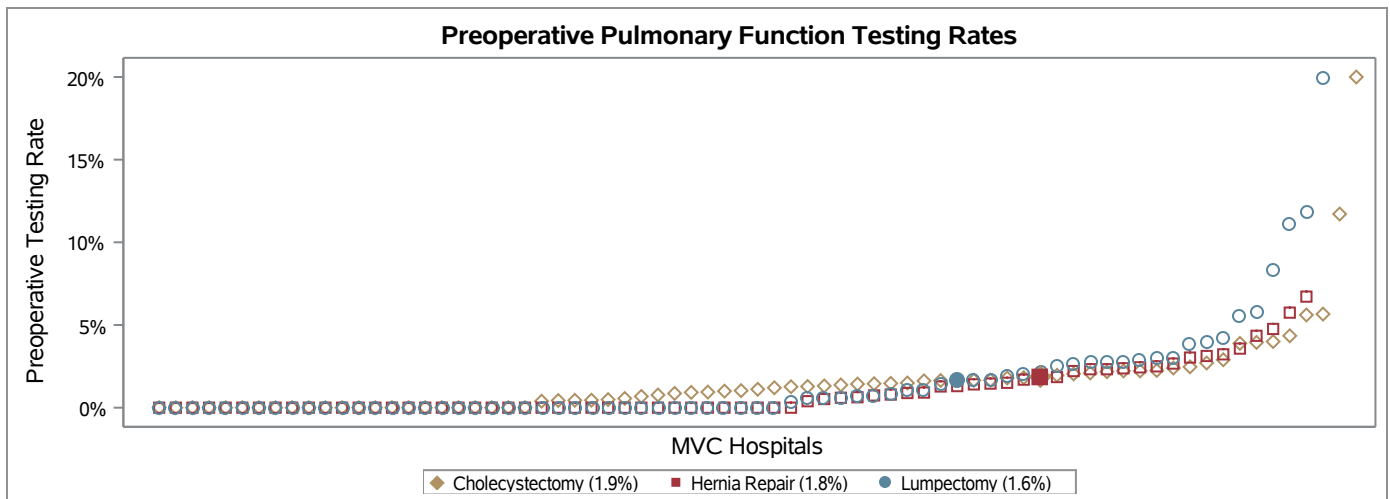
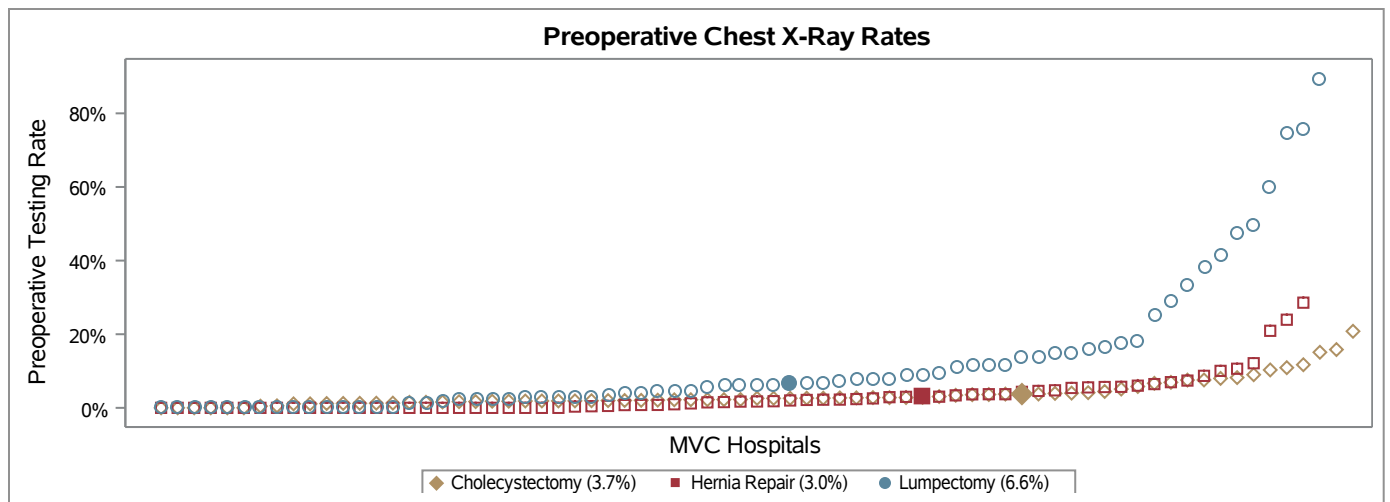
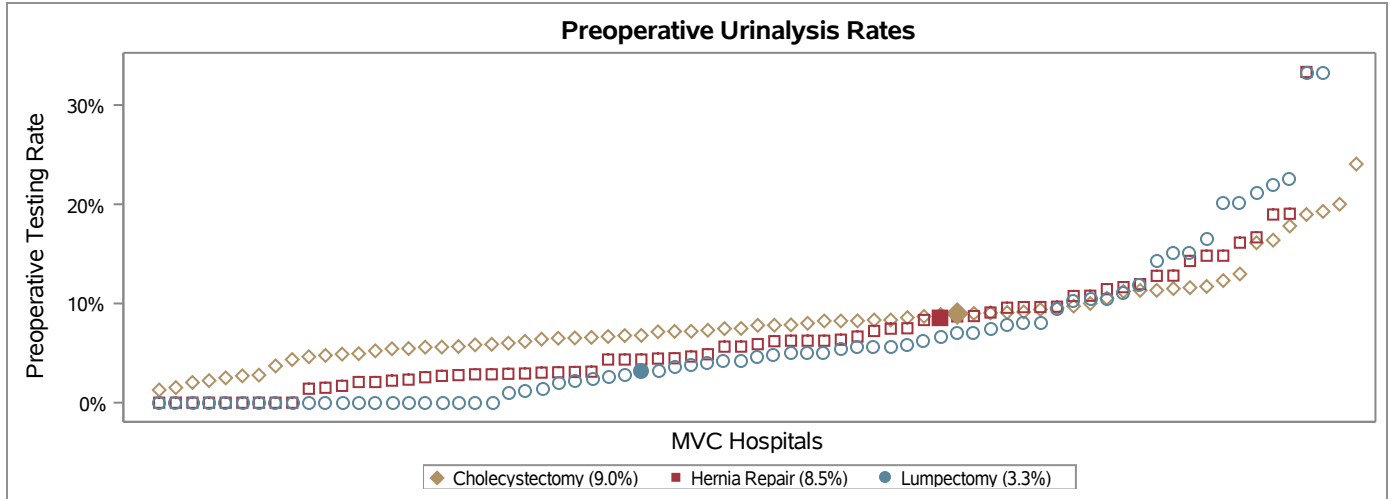
***Cardiac tests include any of the following: trans-thoracic echocardiography and cardiac stress tests

****Blood tests include any of the following: complete blood count, basic metabolic panel, and coagulation tests

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