

## Michigan Value Collaborative Resource Utilization Report

### Resource Utilization for 17 Common Elective Surgeries at Michigan Hospitals

Procedure	Index Hospitalization										30 Days Post-Op	
	Inpatient	Median IP LOS (days)	ICU/CCU Rate	Ventilator Utilization	Blood Product Utilization	Discharge Dispositions					Readmissions	ED
						Home	HH	SNF	IPR	LTC		
<b>CABG (n=15,786)</b>	100.0%	9	98.9%	10.5%	43.4%	11.8%	61.9%	15.4%	7.4%	1.3%	10.2%	26.5%
<b>Colorectal Cancer (n=6,417)</b>	100.0%	6	20.3%	1.9%	21.4%	56.1%	28.5%	11.5%	1.8%	0.5%	10.7%	20.2%
<b>Disc Herniation (n=10,170)</b>	47.6%	3	3.5%	0.8%	3.1%	84.3%	7.6%	5.0%	2.3%	0.0%	3.5%	11.9%
<b>Endarterectomy (n=10,707)</b>	100.0%	2	76.8%	1.1%	2.6%	89.6%	6.3%	2.1%	1.1%	0.2%	6.9%	16.1%
<b>Esophagectomy (n=154)</b>	100.0%	10	64.9%	9.7%	21.4%	24.0%	59.1%	9.1%	0.6%	5.2%	16.9%	20.8%
<b>Gastrectomy (n=143)</b>	100.0%	10	53.1%	7.0%	34.3%	39.9%	36.4%	11.9%	4.9%	2.1%	16.8%	27.3%
<b>Gastric Bypass (n=2,525)</b>	100.0%	3	9.0%	0.9%	3.6%	93.9%	4.5%	1.0%	0.2%	0.0%	5.1%	15.0%
<b>Heart Valve Repair (n=14,014)</b>	100.0%	7	94.4%	10.5%	39.7%	26.4%	46.9%	16.4%	5.0%	1.7%	11.8%	21.7%
<b>Hernia Repair – Abdominal (n=31,875)</b>	25.7%	5	5.0%	1.0%	1.8%	92.4%	4.3%	2.2%	0.4%	0.2%	4.6%	12.0%
<b>Hernia Repair – Groin (n=34,329)</b>	4.9%	4	1.1%	0.2%	0.6%	97.8%	0.8%	0.8%	0.1%	0.0%	2.2%	8.3%
<b>Hysterectomy (n=29,165)</b>	21.1%	3	1.0%	0.2%	2.2%	98.6%	0.9%	0.3%	0.0%	0.0%	2.4%	10.1%
<b>Joint Replacement (n=118,323)</b>	98.9%	3	1.4%	0.1%	4.3%	27.3%	53.5%	17.5%	1.3%	0.0%	2.8%	10.4%
<b>Kidney Stone Surgery (n=41,464)</b>	9.8%	3	1.4%	0.2%	0.5%	97.3%	0.9%	1.0%	0.1%	0.1%	4.9%	17.9%
<b>Lung Cancer Resection (n=3,984)</b>	100.0%	6	80.4%	4.4%	8.3%	55.4%	33.5%	6.5%	2.1%	0.7%	8.1%	17.2%
<b>Pancreatectomy (n=1,773)</b>	100.0%	9	62.6%	7.4%	33.9%	47.1%	29.3%	13.3%	3.9%	2.3%	19.6%	28.8%
<b>Prostatectomy (n=5,882)</b>	83.1%	2	2.4%	0.2%	3.8%	91.8%	7.3%	0.6%	0.1%	0.0%	4.5%	15.3%
<b>Sleeve (n=13,444)</b>	100.0%	3	3.9%	0.2%	1.3%	93.8%	5.8%	0.1%	0.1%	0.0%	1.9%	9.6%

IP = Inpatient. LOS = Length of Stay. ICU = Intensive Care Unit. HH=Home Health. SNF = Skilled Nursing Facility. IPR = Inpatient Rehab. LTC = Long-term care. ED = Emergency Department.  
 Based on Michigan Value Collaborative administrative claims data from 2014-2Q2019 from the following payers: Medicare FFS, Blue Cross Blue Shield (BCBSM) PPO Commercial, BCBSM Medicare Advantage, Blue Care Network (BCN) Commercial, BCN Medicare Advantage. The Michigan Value Collaborative is a Collaborative Quality Initiative made up of 87 Michigan hospitals that is funded by Blue Cross Blue Shield of Michigan. Report generated 5/7/2020 (Version 2). For more information, visit [www.michiganvalue.org](http://www.michiganvalue.org) or email [michiganvaluecollaborative@gmail.com](mailto:michiganvaluecollaborative@gmail.com).