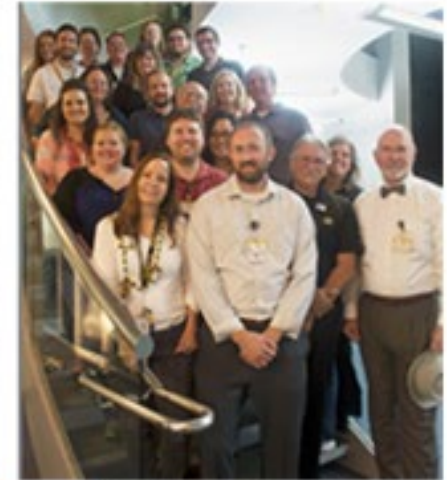


Tiger Institute Update

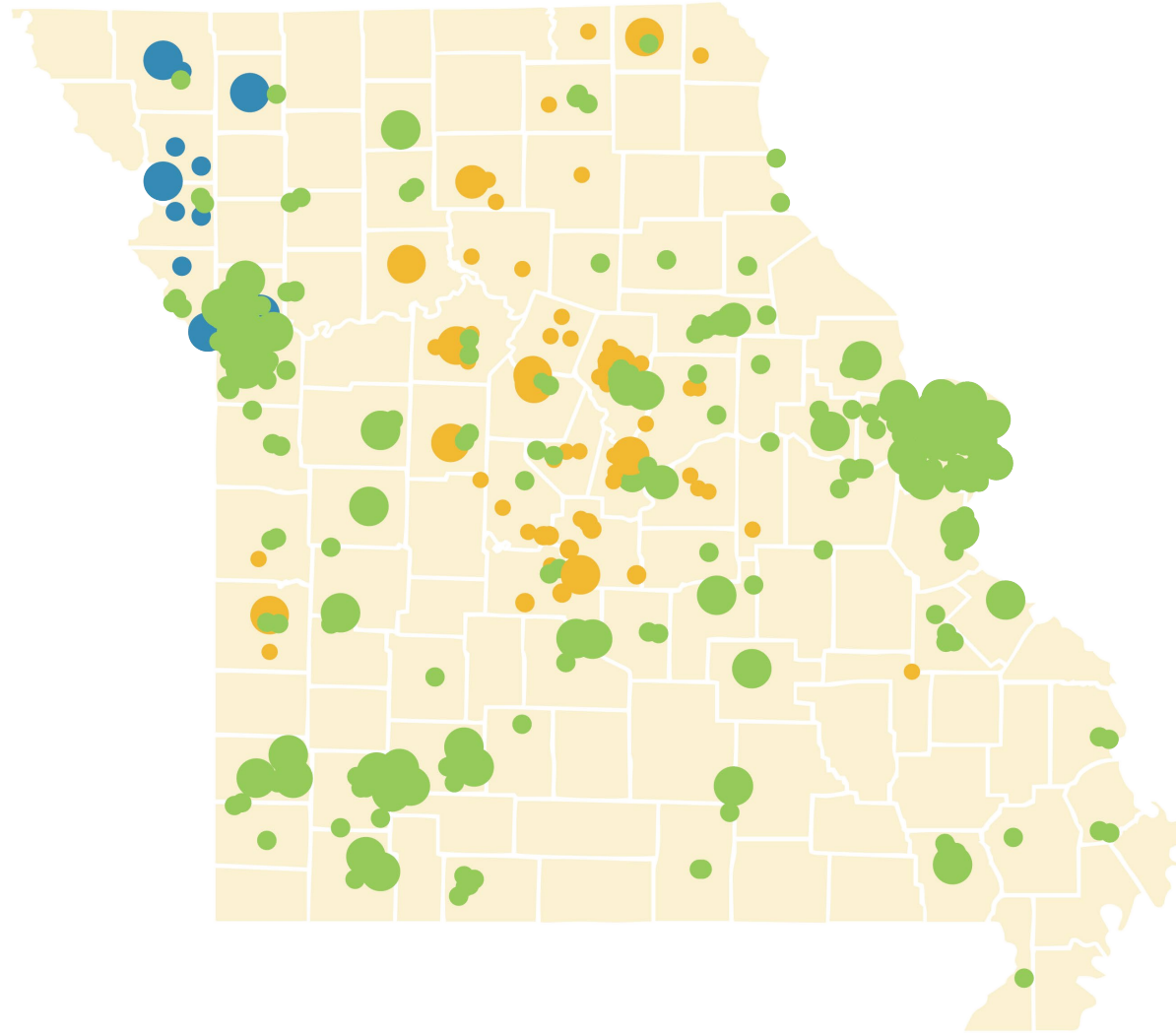
10 Years of Tiger Institute



10 Years of Tiger Institute



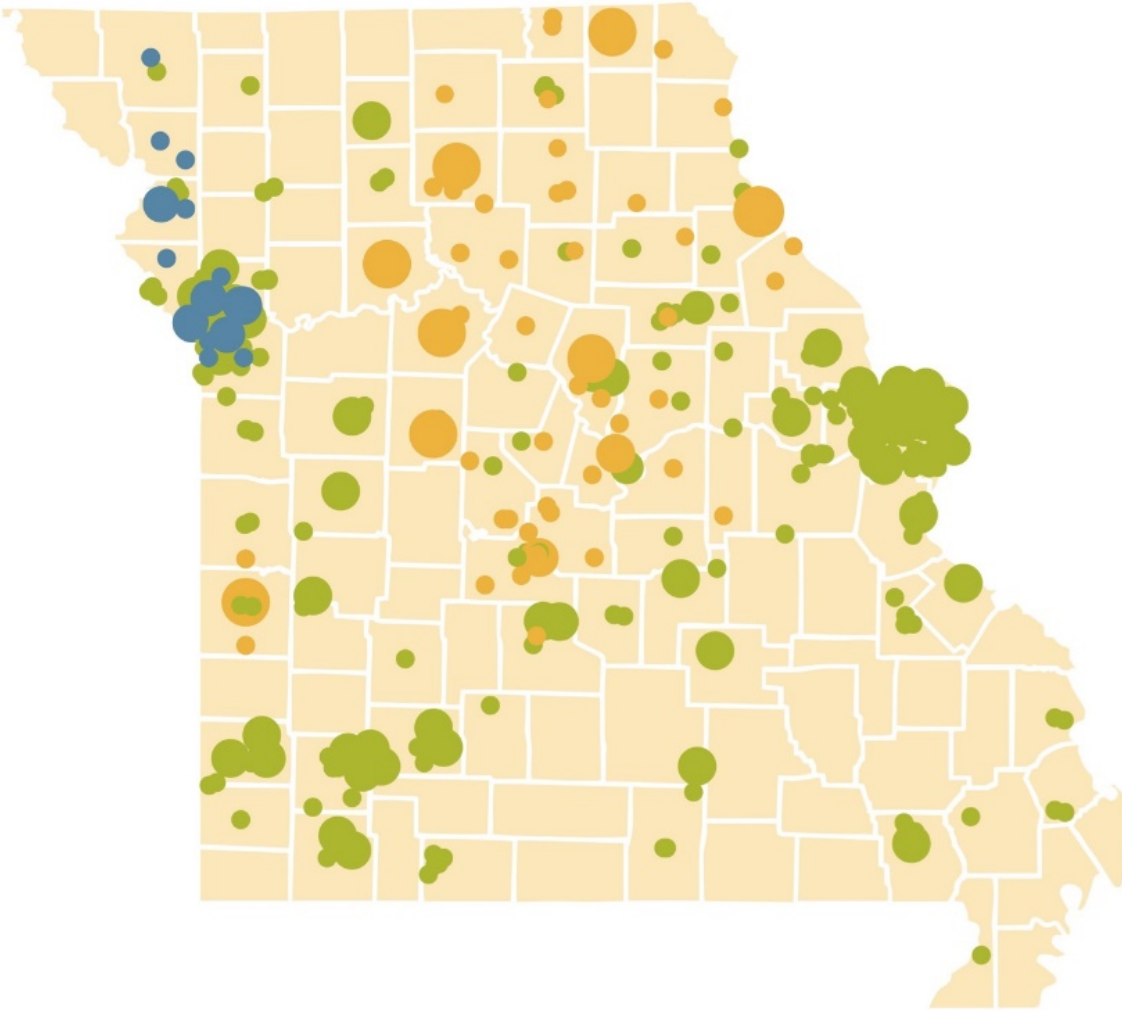
Health Alliance HIE



- 11-12
 - Capital Region Hospital
 - Carroll County Memorial Hospital
 - Community Health Center of Central MO
 - Jefferson City Medical Group
 - Nevada Regional Medical Center
 - Samaritan Hospital
 - Scotland County Hospital
 - University of Missouri Health Care
 - University of Missouri Physicians
- 13-14
 - Cooper County Memorial Hospital
 - Family Health Center
 - Howard A. Rusk Rehabilitation Center
 - Lewis and Clark Information Exchange
 - Robert Sparks
 - The Bluffs
- 15-16
 - Advanced Senior Care
 - Bothwell Regional Health Center
 - Capital Region Medical Clinics
 - Columbia Family Medical Group
 - Columbia Surgical Associates
 - Iron County
 - Namaste Health Center
 - Pyramid Home Health
- 17
 - Fitzgibbon Hospital/The Living Center
 - Hometown Homecare & Hospice
 - Orthopedic Home Health
 - SSM Health
 - Women's Wellness Center
- 18
 - Davita Dialysis
 - G.I. Associates
 - Missouri Health Connections
 - Missouri Heart Center
 - VA Hospitals/ Clinics
- 19
 - Lake Regional Health System
 - Pershing Hospital Center

Health Alliance Today

HIE CONNECTIONS (MISSOURI LOCATIONS)



TIHA Member

- Advanced Senior Care
- Bothwell Regional Health Center
- The Bluffs (SNF)
- Capital Regional Medical Center
- Carroll County Memorial Hospital
- Columbia Family Medical Group
- Columbia Surgical Associates
- Community Health Center of Central MO
- Family Health Center
- Fitzgibbon Hospital/The Living Center
- G.I. Associates
- Hannibal Regional Healthcare System
- Hometown Homecare & Hospice
- Howard A. Rusk Rehabilitation Center
- Jefferson City Medical Group
- Lake Regional Health System
- Missouri Heart Center

- Namaste Health Care
- Nevada Regional Medical Center
- The Neighborhoods (SNF)
- Orthopaedic Home Health
- Pershing Health System
- Pyramid Home Health
- Scotland County Hospital
- University of Missouri Health Care
- University Physicians
- Women's Wellness Center

Regional and Nationwide HIE Connections

- Lewis and Clark Information Exchange
- SSM Health
- VA Hospitals / Clinics
- DaVita Dialysis
- Missouri Health Connection

**Commonwell Health Alliance connections not included*

Key Initiatives

- Regional care platform
- Revenue cycle transition
- Performance improvement initiatives
- Data infrastructure
- Industry partnerships - NextGen

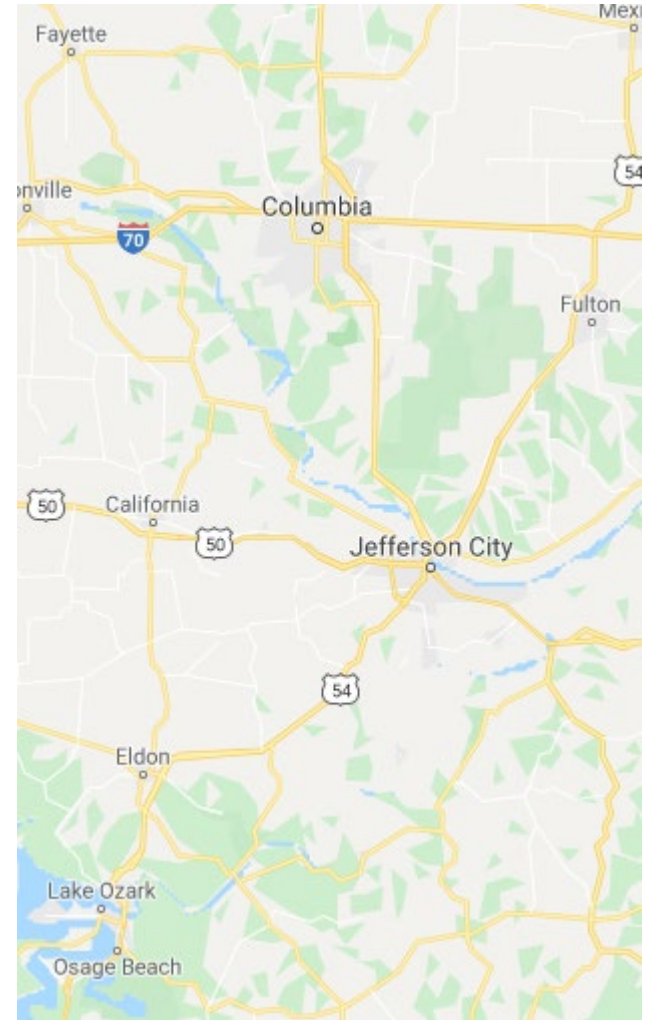


Regional Academic Care Platform



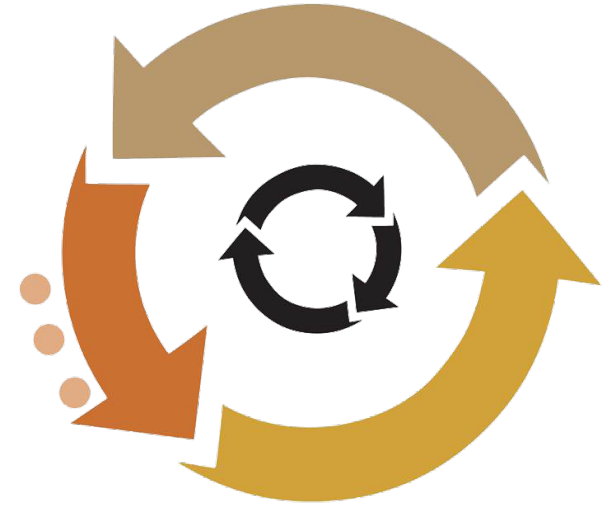
Health Care

- One shared patient record
- Smooth transitions of care
- Coordinated Care



Revenue Cycle Transition

- Integrated clinical and revenue cycle platform
- Scale across the region
- Phased approach
 - Registration and scheduling



Performance Improvement Initiatives

Original Teams

- All-cause readmissions
- Pressure injuries
- Sepsis
- PE/DVT
- Heart failure
- COPD
- AMI/PCI
- CABG/valve
- Hip/femur
- Major bowel
- Spinal fusion
- Post-op respiratory failure

Newest Teams

- Documentation/coding
- Serious illness and advanced disease
- Bariatric surgery (BPCI-advanced)



Data Infrastructure – Analytics

- **Power BI** will be our enterprise Business Intelligence tool
- **Azure** will be utilized as a provider of cloud computing and data storage



- Improve access to information
- Enable self-service analytics
- Scale the impact of analysts



INPATIENT DAYS	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
Hospitals	01/08	01/09	01/10	01/11	01/12	01/13	01/14	01/15	01/16
UH, EXC MOI & MUPC	322	304	284	289	291	341	310	282	287
MOI	20	18	18	16	11	12	18	24	13
MUPC	52	52	42	44	46	41	38	40	44
WCH	109	112	101	98	98	88	96	86	94
Total	503	486	445	447	446	482	462	432	438
Newborn	14	15	14	14	11	10	12	8	7

TRENDED TOTAL DISCHARGES (IP)	April	May	June	July	August	September	October	November	December
Hospitals	1,441	1,499	1,416	1,478	1,473	1,442	1,568	1,391	1,620
UH, EXC MOI & MUPC	127	142	146	170	140	148	171	158	160
MOI	226	254	232	260	241	238	272	244	264
MUPC	488	458	431	440	492	429	459	493	522
WCH	2,282	2,353	2,225	2,348	2,346	2,257	2,470	2,286	2,566
Total	161	164	166	171	153	168	195	193	184
Newborn	76.1	75.9	74.2	75.7	75.7	75.2	79.7	76.2	82.8

OCCUPANCY RATE (Based on Inpatient Midnight Census)	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	81.5%	81.5%	80.6%	0.8%	79.2%	75.0%	4.3%	71.1%	8.1%
UH, EXC MOI & MUPC (352 Beds)	47.0%	47.0%	30.1%	16.9%	43.1%	32.2%	11.0%	30.4%	12.8%
MOI (35 Beds)	74.9%	74.9%	85.5%	-10.6%	79.2%	81.9%	-2.7%	81.9%	(2.7%)
MUPC (61 Beds)	67.5%	67.5%	66.7%	0.8%	51.6%	62.0%	-10.4%	66.9%	(15.3%)
WCH (159 Beds)	75.1%	75.1%	74.1%	1.1%	69.9%	69.4%	0.5%	68.3%	1.6%

AVERAGE LENGTH OF STAY	MTD	PM YTD	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	5.91	5.71	6.02	1.7%	5.74	5.58	(2.9%)	5.51	(4.3%)
UH, EXC MOI & MUPC	2.83	3.00	2.80	(1.1%)	2.97	2.80	(6.2%)	2.77	(7.3%)
MOI	5.94	5.92	7.18	17.4%	5.93	6.29	5.8%	6.10	2.8%
MUPC	5.42	5.56	6.56	17.4%	5.53	6.20	10.7%	6.14	9.8%
WCH	5.59	5.53	6.05	7.7%	5.53	5.61	1.4%	5.53	(0.0%)

FTE/AOB	MTD	PM YTD	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	6.28	6.47	6.85	8.3%	6.38	6.96	8.3%	7.10	10.2%
UH, EXC MOI & MUPC	10.45	11.27	13.71	23.8%	11.04	13.57	18.6%	13.00	15.1%
MOI	4.18	3.71	3.77	(11.0%)	3.77	3.84	2.0%	3.63	(3.7%)
MUPC	5.80	5.79	5.52	(5.2%)	5.74	5.60	(2.5%)	5.80	0.9%
WCH	6.00	5.94	6.11	1.7%	5.89	6.21	5.1%	6.27	6.1%

NEWBORN STATS	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Deliveries	104	202	227	(11.0%)	1,550	1,593	(2.7%)	1,543	0.5%
Patient Days	181	351	322	9.0%	2,447	2,646	(7.5%)	2,543	(3.8%)
Discharges	96	186	165	12.7%	1,250	1,291	(3.2%)	1,240	0.8%
ALOS	1.89	1.89	1.95	(3.3%)	1.96	2.05	(4.5%)	2.05	(4.5%)

Variances below -5% are RED and above 5% are GREEN

INPATIENT DAYS	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	4,773	9,249	8,900	3.9%	60,521	57,380	5.5%	54,841	10.4%
UH, EXC MOI & MUPC	266	515	392	31.4%	3,354	2,904	15.5%	2,750	22.0%
MOI	742	1,438	1,616	(11.0%)	10,434	10,747	(2.9%)	10,758	(3.0%)
MUPC	1,604	3,109	3,308	(6.0%)	18,867	21,339	(11.6%)	20,513	(8.0%)
WCH	7,385	14,311	14,216	0.7%	93,176	92,370	0.9%	88,862	4.9%
Total	462	462	459	0.7%	433	430	0.9%	413	4.9%

DISCHARGES	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	807	1,564	1,479	5.7%	10,536	10,274	2.6%	9,956	5.8%
UH, EXC MOI & MUPC	94	182	140	30.0%	1,129	1,038	8.8%	993	13.7%
MOI	125	242	225	7.6%	1,761	1,709	3.0%	1,765	(0.2%)
MUPC	296	574	504	13.9%	3,409	3,442	(1.0%)	3,343	2.0%
WCH	1,322	2,562	2,348	9.1%	16,835	16,463	2.3%	16,057	4.8%
Total	83	83	76	9.1%	78	77	2.3%	75	4.8%

HOSPITAL SURGERIES - CHARGED	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	480	930	819	13.6%	6,356	6,312	0.7%	6,027	5.5%
UH, EXC MOI & MUPC	228	442	411	7.5%	2,868	2,842	0.9%	2,892	(0.8%)
MOI	238	461	483	(4.6%)	3,420	3,589	(4.7%)	3,404	0.5%
L&D OR	36	70	105	(33.3%)	585	737	(20.6%)	715	(18.2%)
MCOS	179	347	355	(2.3%)	2,480	2,632	(5.8%)	2,528	(1.9%)
Total	1,161	2,250	2,173	3.5%	15,709	16,112	(2.5%)	15,566	0.9%
Daily Average	73	73	70	3.5%	73	75	(2.5%)	72	0.9%

ER VISITS - CHARGED	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	2,482	4,809	4,185	14.9%	32,537	30,496	6.7%	29,403	10.7%
UH	1,506	2,918	2,709	7.7%	16,933	16,866	0.4%	16,218	4.4%
WCH	3,988	7,727	6,894	12.1%	49,470	47,362	4.5%	45,621	8.4%
Total	249	249	222	12.1%	230	220	4.5%	212	8.4%

OBSERVATIONS & SHORT STAYS DISCHARGED	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	274	531	309	71.8%	3,616	2,553	41.6%	3,965	(8.8%)
UH, EXC MOI & MUPC	21	41	46	(11.5%)	406	245	65.6%	251	61.6%
MOI	40	78	72	7.6%	641	486	31.8%	456	40.5%
MUPC	405	785	771	1.7%	5,581	5,537	0.8%	5,394	3.5%
WCH	740	1,328	1,198	10.8%	10,243	8,821	16.1%	10,066	1.8%
Total	43	43	39	10.8%	48	41	16.1%	47	1.8%

CLINIC VISITS	MTD	MTD Proj	Bud	Var %	YTD Proj	YTD Bud	Var %	PYTD	Var %
Hospitals	32,024	61,173	56,668	7.9%	410,294	394,214	4.1%	388,053	5.7%
Clinic Visits	1,106	2,112	2,666	(20.8%)	13,837	13,893	(0.4%)	13,347	3.7%
Quick Care Visits	1,354	2,585	2,838	(8.9%)	17,241	15,668	10.0%	15,391	12.0%
Urgent Care Visits	34,484	65,870	62,172	5.9%	441,372	423,775	4.2%	416,791	5.9%
Total	3,137	3,137	2,961	5.9%	2,982	2,863	4.2%	2,816	5.9%

CURRENT MONTH

YEAR TO DATE

Discharges by Service

↑ ↓ ⇓ ⇕ ↗ 🔍 📄 ...

Service	Daily Avg This Mo	Daily Avg Last Mo	Var	YTD	Prior YTD	YTD Var
CHILD HEALTH	6.3	5.8	0.4	1,140	1,157	-17
EMERGENCY MEDICINE	0.3	0.1	0.1	46	35	11
FAMILY MEDICINE	6.8	6.4	0.3	1,256	1,194	62
GENERAL MEDICINE	28.0	28.1	-0.1	5,669	5,129	540
GENERAL SURGERY	12.9	12.4	0.5	2,702	2,605	97
NEUROLOGY	4.9	4.2	0.8	932	799	133
OBSTETRIC/GYNECOLOGY	7.6	7.5	0.1	1,682	1,726	-44
OPHTHALMOLOGY				1	4	-3
ORTHOPAEDIC SURGERY	6.4	5.7	0.7	1,388	1,518	-130
OTOLARYNGOLOGY	0.1	0.4	-0.3	118	116	2
PHYSICAL MEDICINE REHABILIT				2	4	-2
PSYCHIATRY	7.9	8.2	-0.3	1,752	1,763	-11
RADIOLOGY	0.2	0.0	0.2	10	7	3
Total	81.3	78.9	2.3	16,698	16,057	641

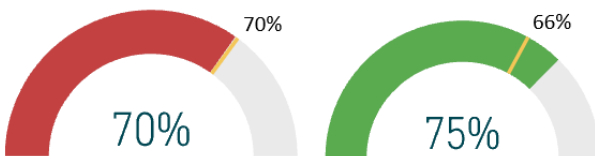
DISCHARGES



MIDNIGHT CENSUS



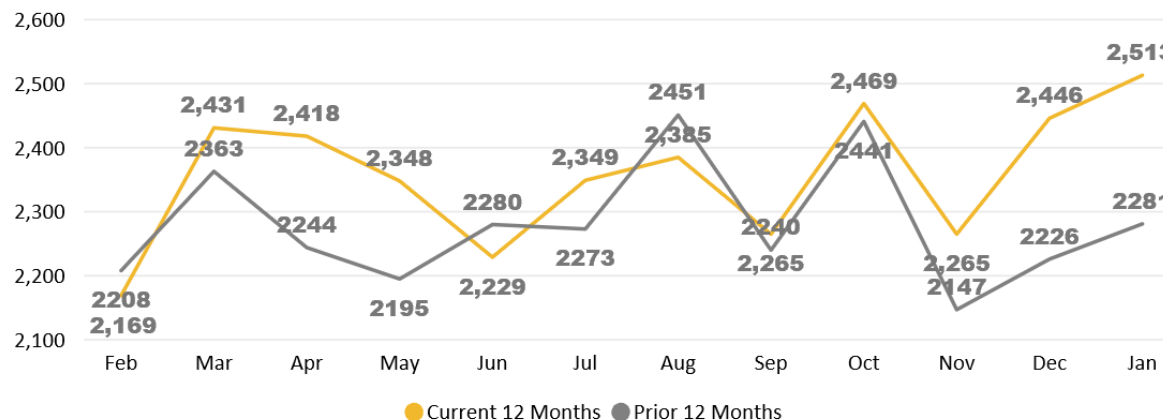
OCCUPANCY RATE



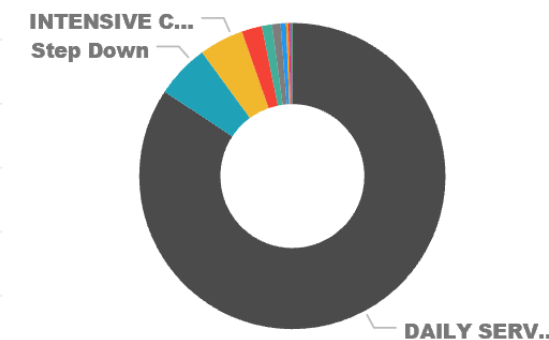
LENGTH OF STAY



RTM Trend



MTD Accomodations



CURRENT MONTH

YEAR TO DATE

Discharges by Service



Service	Daily Avg This Mo	Daily Avg Last Mo	Var	YTD	Prior YTD	YTD Var
CHILD HEALTH	6.3	5.8	0.4	1,140	1,157	-17
EMERGENCY MEDICINE	0.1	0.1	0.0	42	35	7
FAMILY MEDICINE	6.8	6.4	0.4	1,258	1,194	64
GENERAL MEDICINE	27.7	28.1	-0.4	5,661	5,129	532
CARDIOLOGY	4.7	4.4	0.3	963	870	93
GASTROENTEROLOGY				2	4	-2
GENERAL MEDICINE	21.3	21.4	-0.1	4,197	3,696	501
HEMATOLOGY/ONCOLOGY	0.3	0.2	0.1	55	160	-105
INFECTIOUS DISEASE				7		7
NEPHROLOGY				1	18	-17
PULMONARY DISEASE	1.5	2.2	-0.8	435	381	54
GENERAL SURGERY	13.1	12.4	0.7	2,708	2,605	103
NEUROLOGY	4.7	4.2	0.5	924	799	125
OBSTETRIC/GYNECOLOGY	7.9	7.5	0.4	1,694	1,726	-32
OPHTHALMOLOGY				1	4	-3
Total	81.1	78.9	2.2	16,692	16,057	635

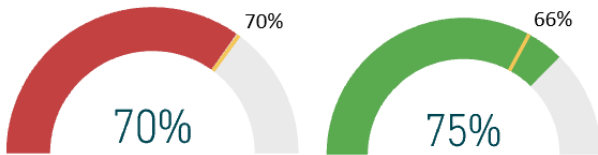
DISCHARGES



MIDNIGHT CENSUS



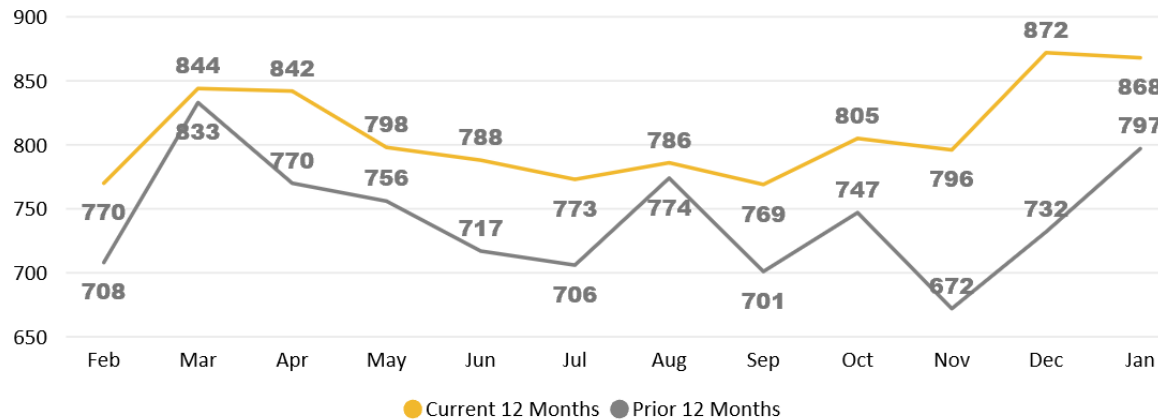
OCCUPANCY RATE



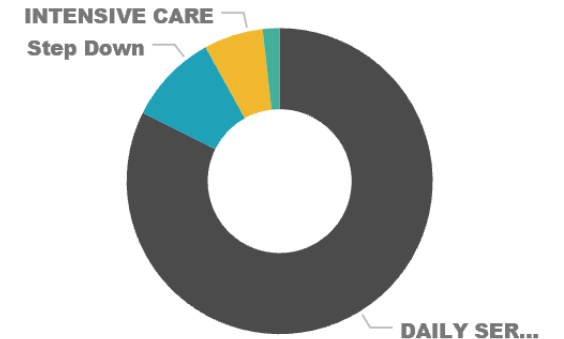
LENGTH OF STAY



GENERAL MEDICINE



MTD Accomodations



Industry Partnerships - NextGen



2020 Topics

- Networks and data use
- Continuous improvement
- Cybersecurity
- Cross-organizational governance





Questions?