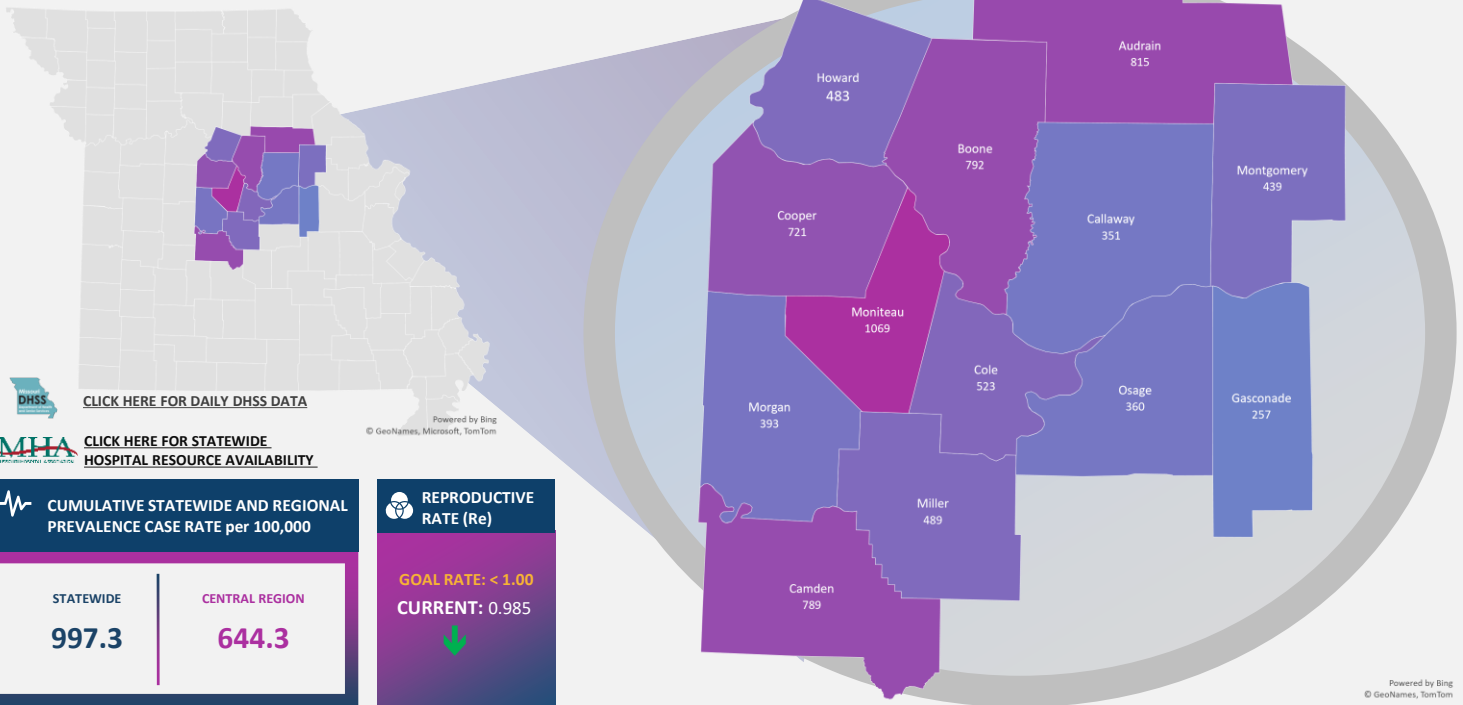
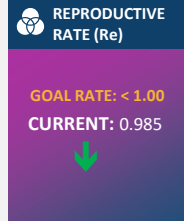
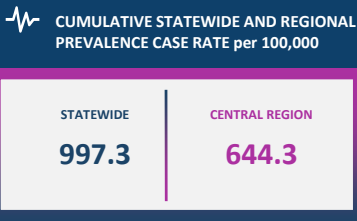


CUMULATIVE COVID-19 CASES per 100,000 between August 02, 2020 - August 08, 2020

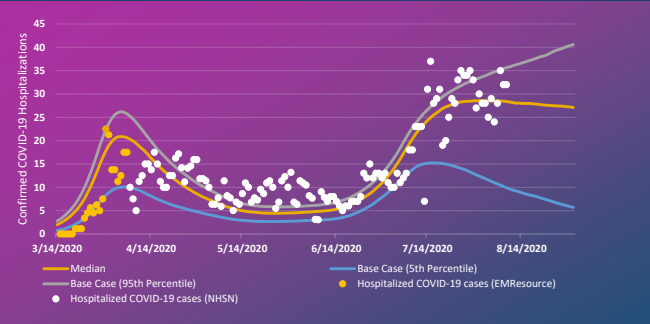


[CLICK HERE FOR DAILY DHSS DATA](#)

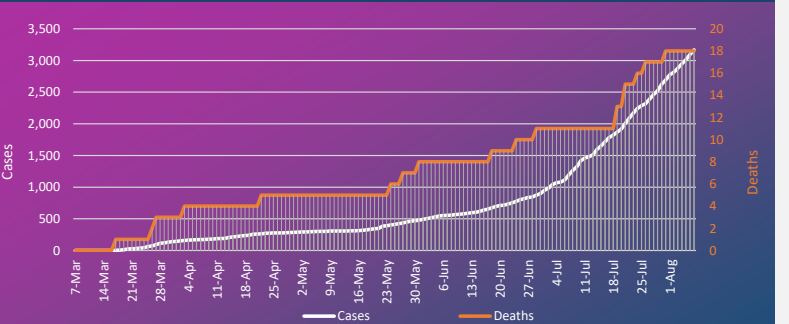
[CLICK HERE FOR STATEWIDE HOSPITAL RESOURCE AVAILABILITY](#)



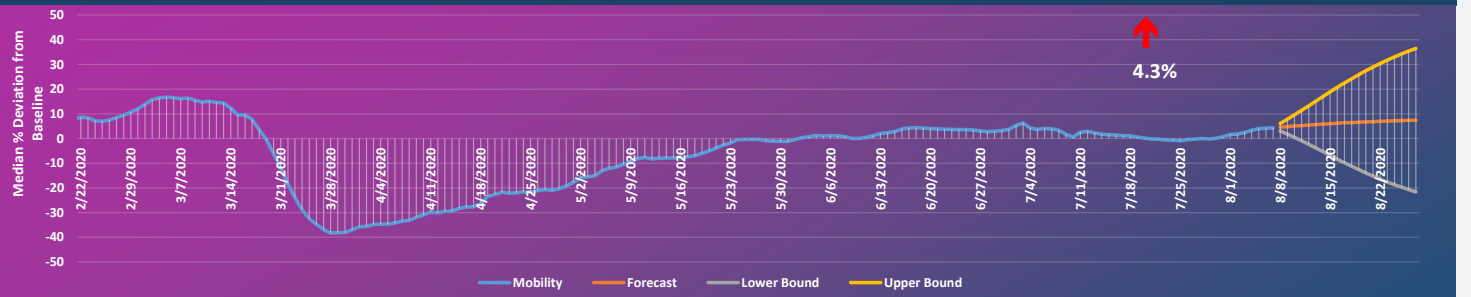
PROJECTED COVID-19 HOSPITALIZATIONS IN THE CENTRAL REGION



CUMULATIVE COVID-19 CASES AND DEATHS IN THE CENTRAL REGION

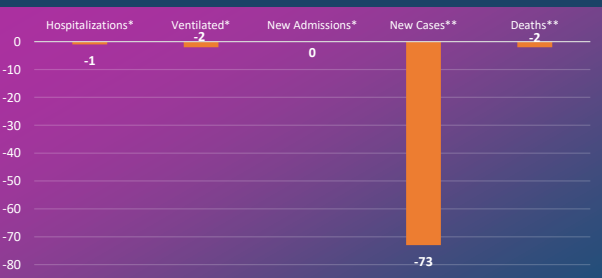


GOOGLE MOBILITY INDEX: RECREATION AND RETAIL TRAVEL IN THE CENTRAL REGION



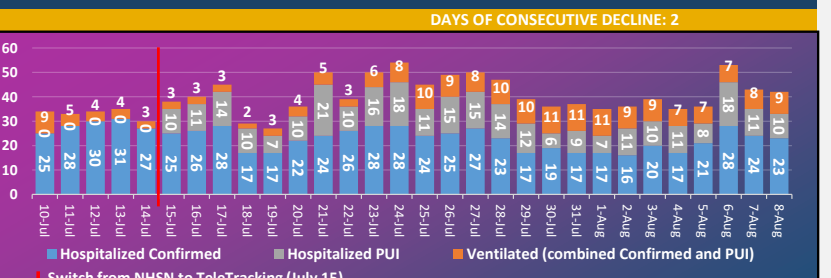
Indicator Label: % increase/decrease in mobility compared to baseline; above baseline = red up arrow; below baseline = green down arrow.

ONE WEEK DIFFERENCE IN THE CENTRAL REGION



Sources: \*TeleTracking; \*\*DHSS. DHSS data shows change in totals; TeleTracking data shows average changes. New admissions is a recently added TeleTracking measure, and the data are not yet available.

COVID-19 HOSPITALIZED AND VENTILATED PATIENTS IN THE CENTRAL REGION



Switch from NHSN to TeleTracking (July 15). Indicator Label: Green arrow if "Days of Consecutive Decline" is greater than or equal to 7; otherwise, no indicator. Note: Definition of consecutive 7-day decline is across the most current 7 days included in the report. Data includes both confirmed and suspected COVID-19 cases.

### STATEWIDE AND REGIONAL VENTILATOR AVAILABILITY

	STATE		REGIONAL	
	% AVAIL	Total	% AVAIL	Total
Mechanical Ventilators	75% ↑	2,148	75% ↑	192

Ventilator availability indicator is based on a published online COVID-19-associated supply target of 22.66 vents per 100,000 population. <https://www.nsmcdicaldevices.com/analysis/coronavirus-ventilators-global-demand/>

### STATEWIDE AND REGIONAL BED AVAILABILITY

	STATE		REGIONAL	
	% AVAIL	Total	% AVAIL	Total
Total Inpatient Capacity	34% ↑	18,498	14% ↓	1,709
Intensive Care Units	34% ↑	2,744	38% ↑	273

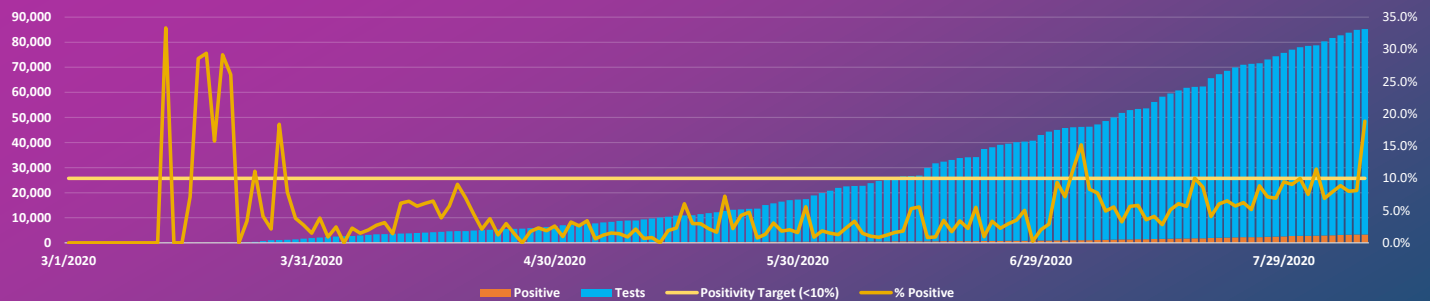
IP and ICU beds indicator is based on CDC Phases. Phase 1 (<80% full), Phase 2 (<75% full), Phase 3 (<70% full) = green up arrow. Red down arrows for everything else.

### AVERAGE STATEWIDE AND REGIONAL PPE AVAILABILITY

Categories	15+ DAYS ON HAND		4-14 DAYS ON HAND		1-3 DAYS ON HAND		0 DAYS ON HAND		REUSE		ABLE TO OBTAIN		# of Hospitals Reporting	
	STATE	REGIONAL	STATE	REGIONAL	STATE	REGIONAL	STATE	REGIONAL	STATE	REGIONAL	STATE	REGIONAL	STATE	REGIONAL
N95 Particulate Respirators	76%	88%	13%	13%	11%	0%	0%	0%	0%	0%	0%	0%	86	8
Surgical Masks	72%	89%	15%	11%	5%	0%	8%	0%	0%	0%	0%	0%	86	9
Face Shields & Goggles	71%	75%	18%	25%	11%	0%	0%	0%	0%	0%	0%	0%	82	8
Gloves	67%	75%	18%	25%	14%	0%	1%	0%	0%	0%	0%	0%	85	8
Single-Use Gowns	65%	88%	22%	13%	12%	0%	1%	0%	0%	0%	0%	0%	87	8

Percent of hospitals reporting.

### CUMULATIVE COVID-19 TESTING IN THE CENTRAL REGION - March 1, 2020 - August 8, 2020



### STATEWIDE TESTING TARGETS BY REGION DASHBOARD — August 2, 2020 - August 8, 2020

REGION	TESTS	POSITIVE RATE	AVERAGE DAILY TESTS	RECOMMENDED DAILY TESTS	TESTS OVER/UNDER
Central Region	6,294	8.3% ↓	899	791	108 ↑
Kansas City, MO Region	18,422	8.9% ↓	2,632	2,183	449 ↑
Northeast Region	3,826	5.2% ↓	547	286	261 ↑
Northwest Region	3,192	4.7% ↓	456	374	82 ↑
Saint Louis, MO Region	35,989	9.0% ↓	5,141	3,538	1,603 ↑
Southeast Region	3,114	12.5% ↑	445	584	-139 ↓
Southwest Region	11,822	10.2% ↑	1,689	1,926	-237 ↓
Missouri	82,659	9.3% ↓	11,808	9,682	2,126 ↑

Indicators: Positive rate greater than or equal to 10% = red up arrow; all else = green down arrow. Tests Over/Under: 0 and above = green up arrow; all else = red down arrow.

### NOTES AND DATA SOURCES

**Notes:** This dashboard, with a state and regional focus, along with the element of predictive understanding, serves as a tool for better awareness of the COVID-19 pandemic and intends to complement other available information currently used for decision-making. Because the data are reported in near real time, every effort has been made to ensure the completeness and accuracy of this data.

**Sources:**

Cumulative COVID-19 cases per 100,000, cumulative cases and deaths and cumulative COVID-19 testing results sourced from the Missouri Department of Health and Senior Services WebSurv and global testing data. Daily testing per 100,000 and positivity rate targets sourced from the Harvard [Global Health Institute](https://www.gis.harvard.edu/global-health-institute/). Displaying Cumulative COVID-19 Cases per 100,000 allows for the comparison of cases by county, region and state, by removing the population variance.

Reproductive Rates and Projected COVID-19 Hospitalizations are modeled by the Institute for Public Health at Washington University. The effective reproductive rate,  $R_e$ , represents the effective transmission rate for COVID-19.  $R_e$  calculations consider individuals with potential immunity as well as community wide preventative measures such as social distancing policies. Missouri's model uses a standard SEIR (susceptible, exposed, infectious, recovered) compartmental structure that is based upon a tool called LEMMA (Local Epidemiological Modeling for Management & Action), which was developed by experts from UMass Amherst, UC Berkeley, UCSF and WUSTL. The model focuses on COVID-19 hospitalized cases to directly address the question of hospital capacity and provide a more accurate picture of COVID-19's impact on the health care system.

Confirmed or Suspected Hospitalized and Ventilated Patients, New Admissions, Bed and Ventilator Availability, and PPE Availability sourced by the U.S. Department of Health & Human Services. HHS data is manually reported by hospitals and sourced weekly on Tuesday afternoons to reflect the previous week of data (Sun-Sat). Bed, ventilator and PPE data is averaged by reporting hospitals over the most recent seven days.

Google Mobility Index sourced by "Google COVID-19 Community Mobility Reports."