CUMULATIVE COVID-19 CASES per 100,000 between June 21, 2020 - June 27, 2020

Powered by Bing
© GeoNames, Microsoft, TomTom
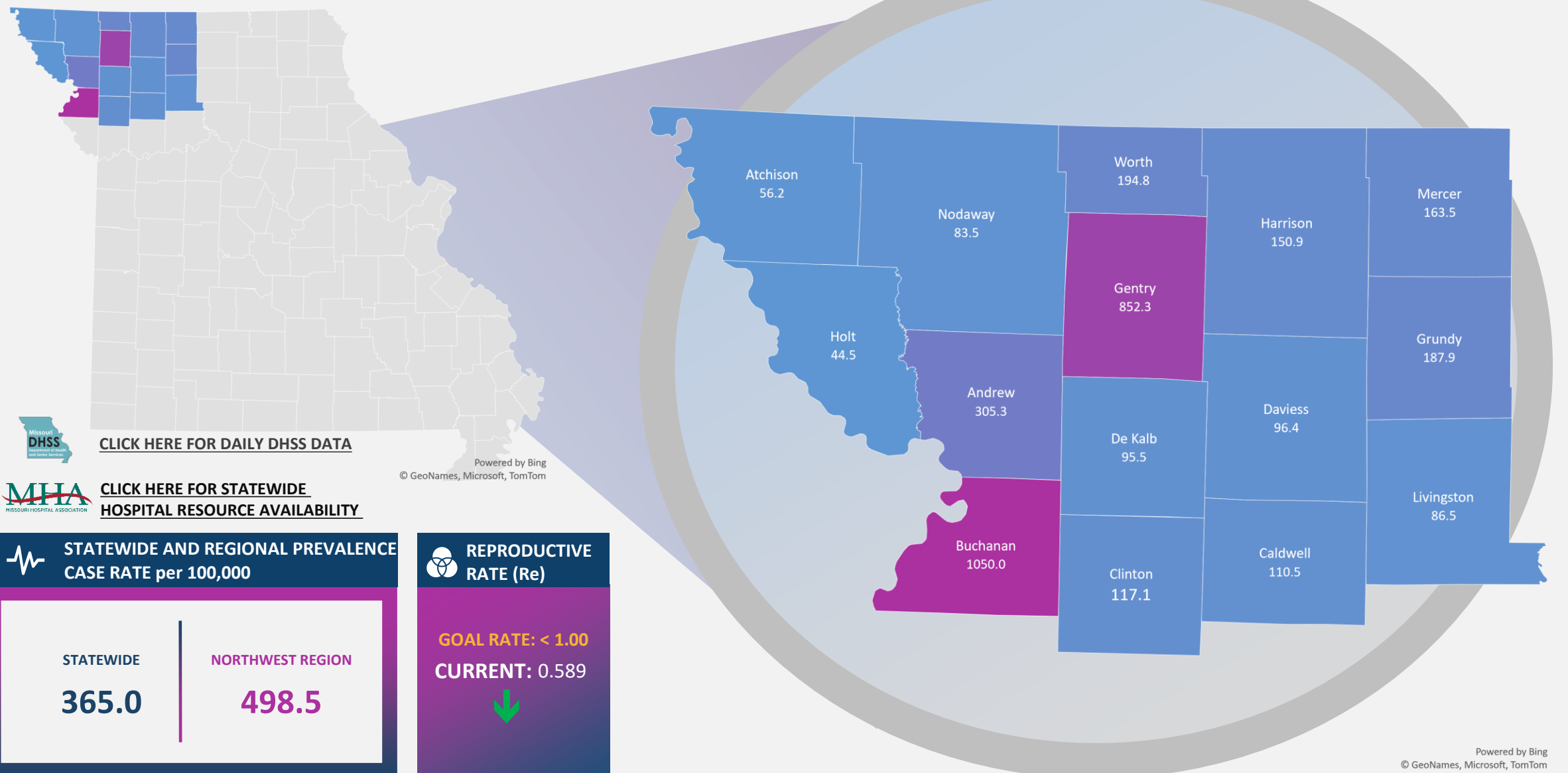
CLICK HERE FOR DAILY DHSS DATA

CLICK HERE FOR STATEWIDE HOSPITAL RESOURCE AVAILABILITY

Atchison 56.2
Nodaway 83.5
Worth 194.8
Harrison 150.9
Mercer 163.5
Holt 44.5
Gentry 852.3
Andrew 305.3
De Kalb 95.5
Daviess 96.4
Grundy 187.9
Buchanan 1050.0
Clinton 117.1
Caldwell 110.5
Livingston 86.5

Powered by Bing
© GeoNames, Microsoft, TomTom

STATEWIDE AND REGIONAL PREVALENCE CASE RATE per 100,000

STATEWIDE	NORTHWEST REGION
365.0	498.5

REPRODUCTIVE RATE (Re)

GOAL RATE: < 1.00
CURRENT: 0.589 ↓

PROJECTED COVID-19 HOSPITALIZATIONS IN THE NORTHWEST REGION

Legend:
— Median
— Base Case (95th Percentile)
○ Hospitalized COVID-19 cases (NHSN)
— Base Case (5th Percentile)
○ Hospitalized COVID-19 cases (EMResource)
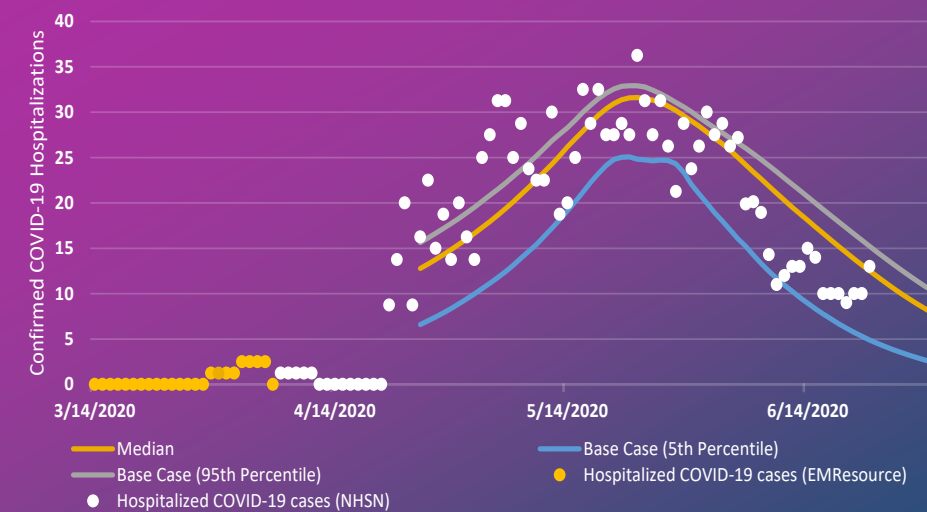
CUMULATIVE COVID-19 CASES AND DEATHS IN THE NORTHWEST REGION

— Cases
— Deaths
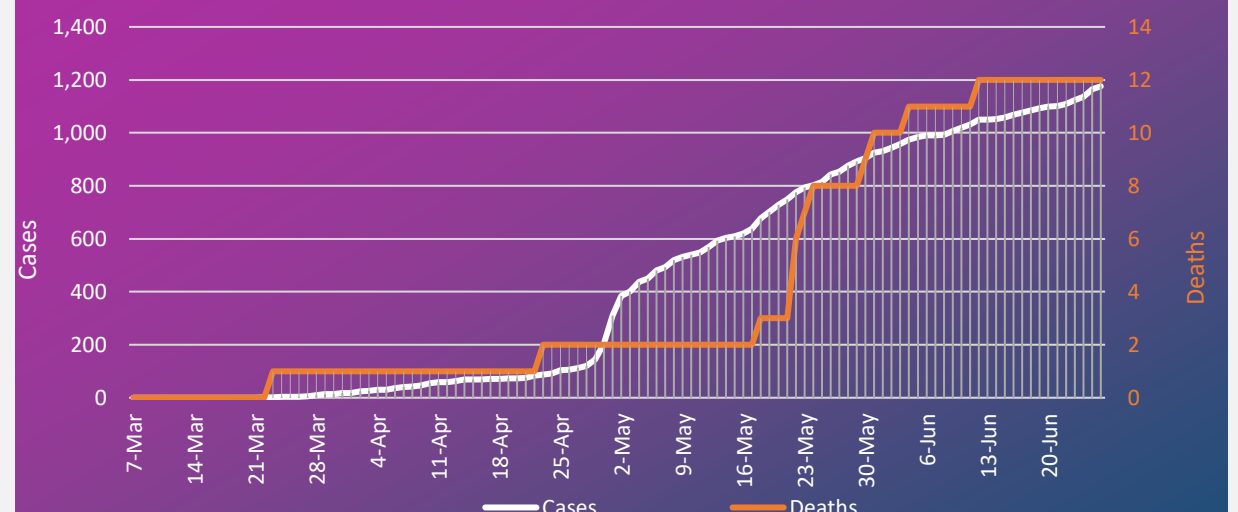
GOOGLE MOBILITY INDEX: RECREATION AND RETAIL TRAVEL IN THE NORTHWEST REGION

↑ 1.1%

— Mobility
— Forecast
— Lower Bound
— Upper Bound
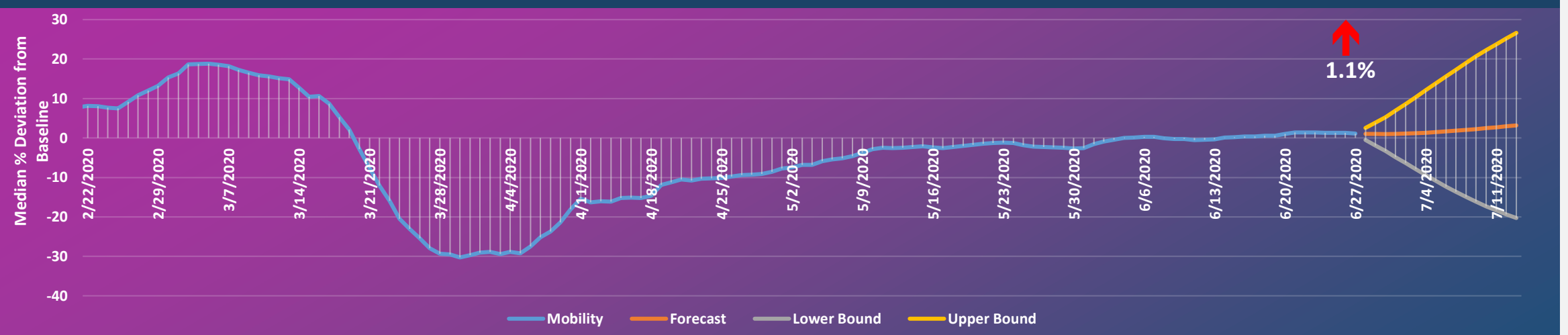
Indicator Label: % increase/decrease in mobility compared to baseline; above baseline = red up arrow; below baseline = green down arrow.

ONE WEEK DIFFERENCE IN THE NORTHWEST REGION

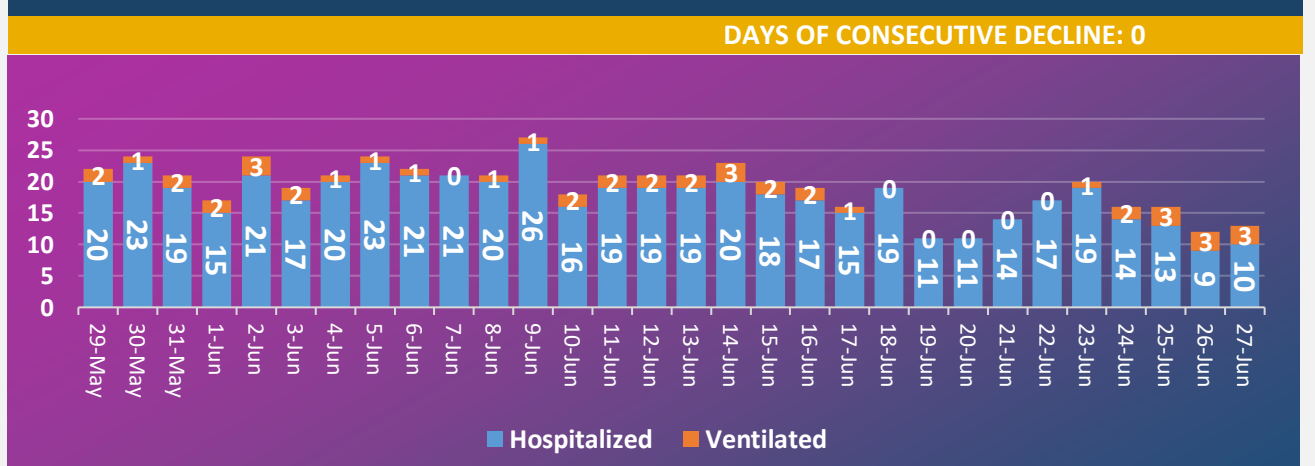| Hospitalizations*	Ventilated*	New Admissions*	New Cases**	Deaths**
-2	0	0	33	-1
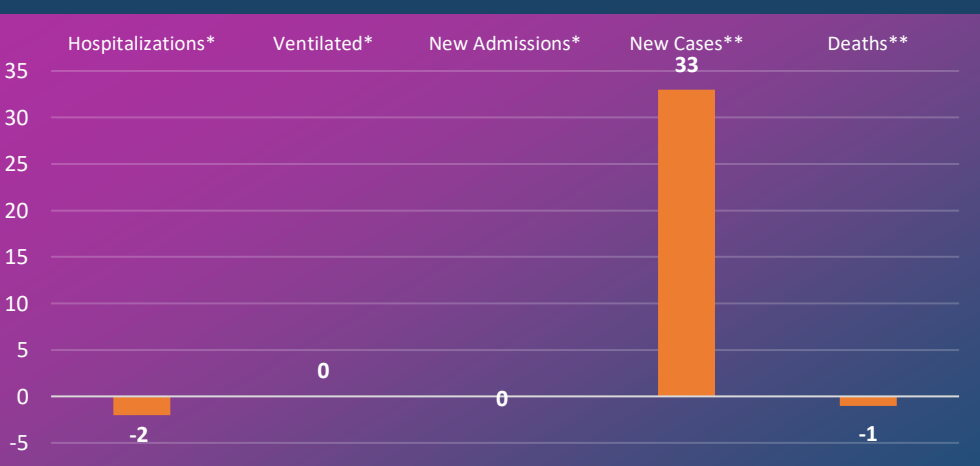
Sources: *NHSN, **DHSS
DHSS data shows change in totals; NHSN data shows average changes.
New admissions is a recently added NHSN measure, and the data are not yet available.

COVID-19 HOSPITALIZED AND VENTILATED PATIENTS IN THE NORTHWEST REGION

DAYS OF CONSECUTIVE DECLINE: 0

Date	Hospitalized	Ventilated
29-May	20	2
30-May	23	1
31-May	19	2
1-Jun	15	2
2-Jun	21	3
3-Jun	17	1
4-Jun	20	1
5-Jun	23	1
6-Jun	21	1
7-Jun	21	0
8-Jun	20	1
9-Jun	26	1
10-Jun	16	1
11-Jun	19	2
12-Jun	19	2
13-Jun	20	2
14-Jun	18	3
15-Jun	17	2
16-Jun	15	1
17-Jun	19	0
18-Jun	11	0
19-Jun	11	0
20-Jun	14	0
21-Jun	17	1
22-Jun	19	0
23-Jun	14	2
24-Jun	13	3
25-Jun	9	3
26-Jun	10	3

■ Hospitalized   ■ Ventilated

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	80% ⬆	2,819	88% ⬆	64

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

STATEWIDE AND REGIONAL BED AVAILABILITY

	STATE		REGIONAL	
	% AVAIL	Total	% AVAIL	Total
Total Inpatient Capacity	33% ⬆	17,520	32% ⬆	594
Intensive Care Units	41% ⬆	2,720	34% ⬆	32

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	75%	43%	22%	43%	3%	14%	0%	0%	94%	86%	71%	43%	98	7
Surgical Masks	77%	88%	17%	13%	6%	0%	0%	0%	61%	38%	61%	38%	100	8
Face Shields & Goggles	71%	86%	27%	14%	2%	0%	0%	0%	90%	86%	65%	71%	90	7
Gloves	83%	100%	17%	0%	1%	0%	0%	0%	8%	29%	84%	86%	99	7
Single-Use Gowns	56%	57%	34%	29%	9%	14%	1%	0%	37%	71%	65%	57%	99	7

Percent of hospitals reporting.

CUMULATIVE COVID-19 TESTING IN THE NORTHWEST REGION

Legend: Positive | Tests | Positivity Target (<10%) | % Positive
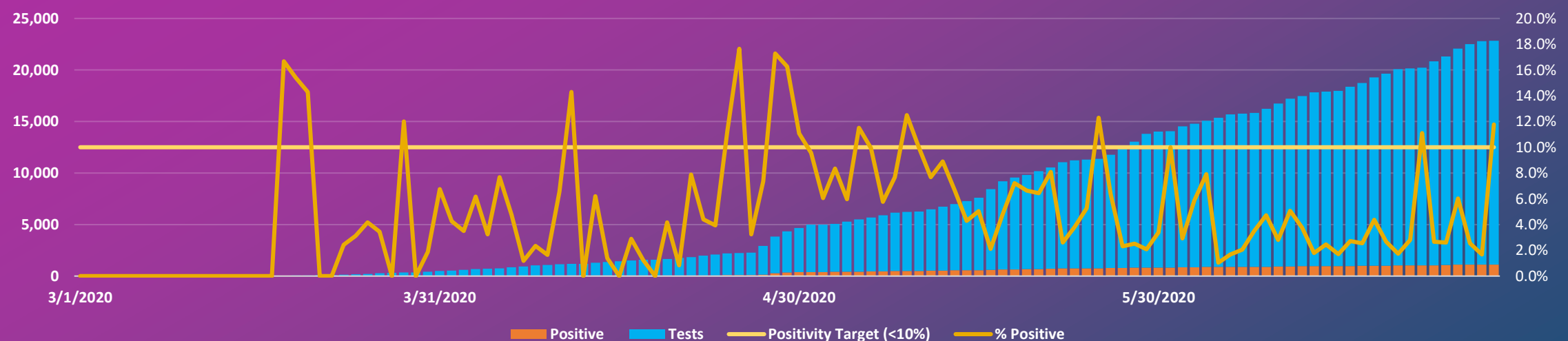
STATEWIDE TESTING TARGETS BY REGION DASHBOARD — June 21, 2020 - June 27, 2020

REGION	TESTS	POSITIVE RATE	AVERAGE DAILY TESTS	RECOMMENDED DAILY TESTS	TESTS OVER/UNDER
Central Region	4,361	⬇ 2.8%	623	791	-168 ⬇
Kansas City, MO Region	13,480	⬇ 5.5%	1,926	2,183	-257 ⬇
Northeast Region	798	⬇ 2.1%	114	286	-172 ⬇
Northwest Region	2,606	⬇ 3.8%	372	374	-2 ⬇
Saint Louis, MO Region	18,232	⬇ 5.2%	2,605	3,538	-933 ⬇
Southeast Region	2,407	⬇ 9.6%	344	584	-240 ⬇
Southwest Region	9,687	⬇ 6.6%	1,384	1,926	-542 ⬇
Missouri	51,571	⬇ 5.4%	7,367	9,682	-2,315 ⬇

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. 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, Re, represents the effective transmission rate for COVID-19. Re 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 National Healthcare Safety Network. NHSN 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."

DATA AND ANALYTICS POWERED BY HIDI