

Center for American Progress Action Fund



For Immediate Release
October 27, 2020

Contact
Colin Seeberger
cseeberger.af@americanprogressaction.org

MEMORANDUM: Cases Are Projected to Surge 82 Percent by Mid-November in Battleground States

TO: Interested Parties
FROM: Center for American Progress Action Fund
SUBJECT: Projections of exponential spread on Election Day
DATE: October 27, 2020

The election will occur in the midst of skyrocketing, exponential spread nationally, and in particular, in Arizona, Florida, Georgia, Iowa, Michigan, North Carolina, Ohio, Pennsylvania, Texas, and Wisconsin.

We used the [Oliver Wyman Navigator](#) model to estimate the percentage increase in daily new cases (7-day average) from October 1 and this past Sunday (October 25) through November 3 and November 15. This model is among the most accurate, with a mean absolute percent error (MAPE) of only [1.5 percent](#) for U.S. projections. Further, we believe this model is well calibrated: applying the summer's epidemic curve to September's baseline yields approximately the same incidence as the model in early November.

Nationally, **the U.S. is projected to hit 125,000 new cases per day in mid-November.** In the states examined, in the month leading up to November 3, new cases are projected to have more than doubled. **From October 25 onward, in these states, new cases are projected to rise by 26 percent by November 3 and to skyrocket by 82 percent by November 15.** Table 1 displays the projections for each state and the Appendix displays charts for each state (the orange line represents new cases per day). Every state examined is projected to experience an astronomical spike between now and November 3 through November 15.

In the month leading up to November 3, new cases are projected to have more than doubled in Arizona, Michigan, North Carolina, Ohio, Pennsylvania, and Wisconsin. From October 25 through November 15, new cases are projected to more than double in Arizona, Florida, Michigan, and Ohio.

For more information or to speak with an expert, please contact Colin Seeberger at cseeberger.af@americanprogress.org or 202.741.6292.

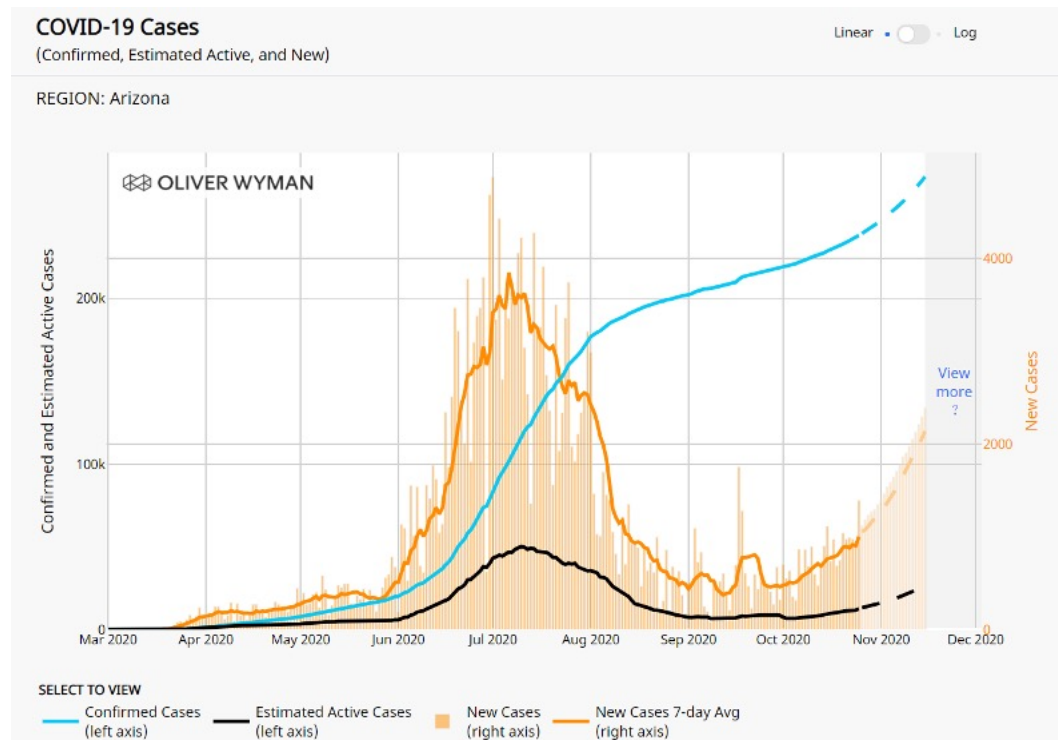
Table 1.

State	New cases per day, 7-day average				Percentage change		
	1-Oct	25-Oct	3-Nov	15-Nov	10/1 - 11/3	10/25 - 11/3	10/25 - 11/15
Arizona	480	1,002	1,365	2,136	184%	36%	113%
Florida	2,301	3,374	4,419	6,640	92%	31%	97%
Georgia	1,094	1,481	1,862	2,687	70%	26%	81%

Iowa	920	1,272	1,559	2,154	69%	23%	69%
Michigan	954	2,072	2,759	4,227	189%	33%	104%
North Carolina	1,146	2,010	2,596	3,528	127%	29%	76%
Ohio	1,081	2,333	3,239	5,102	200%	39%	119%
Pennsylvania	980	1,708	2,200	3,182	124%	29%	86%
Texas	4,196	5,429	6,839	9,402	63%	26%	73%
Wisconsin	2,405	4,051	5,015	6,957	109%	24%	72%
Total, select states	14,577	23,541	29,651	42,833	103%	26%	82%

Appendix.

Arizona



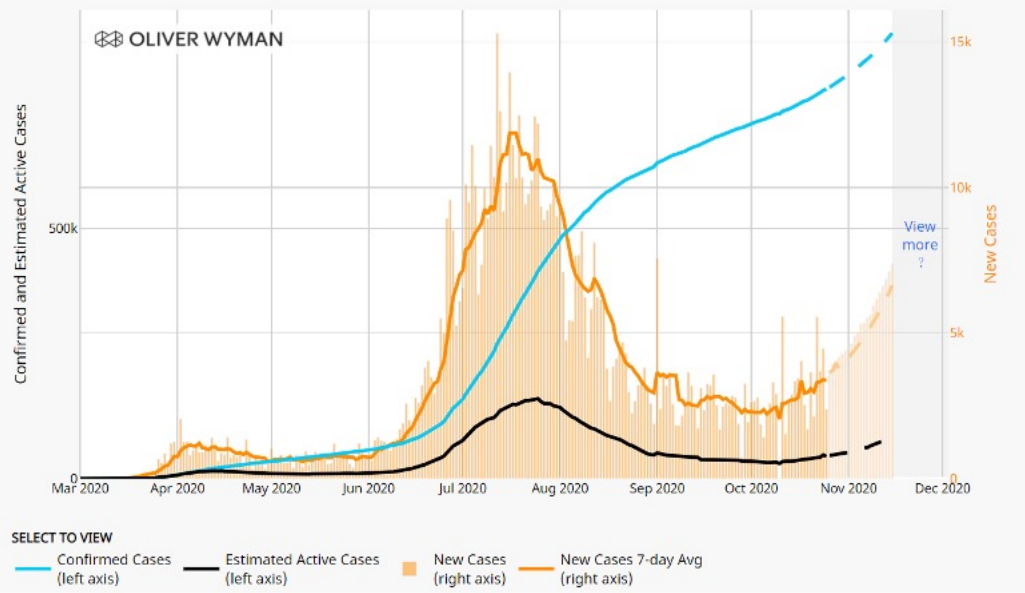
Florida

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Florida



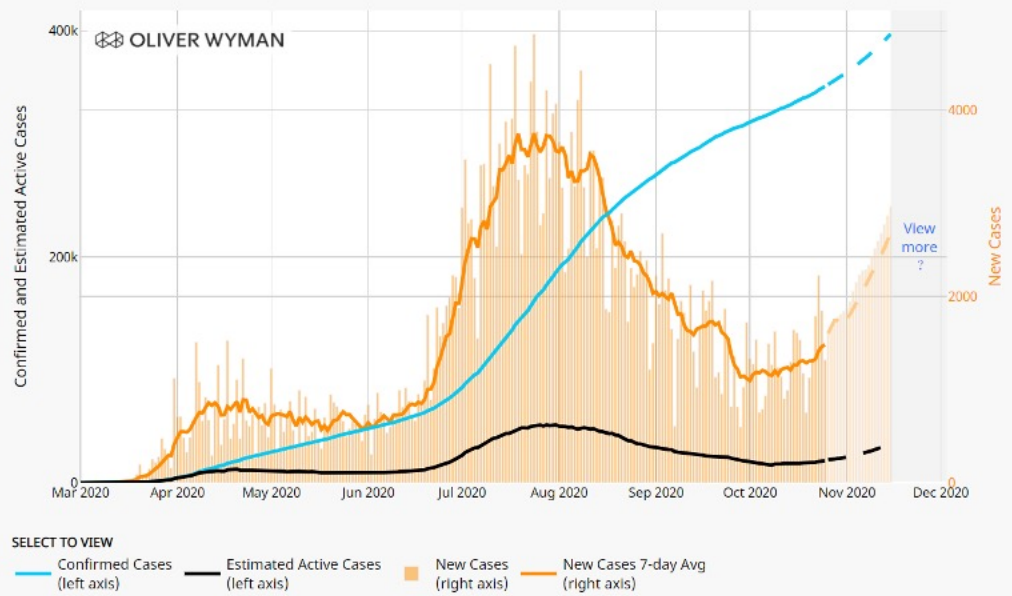
Georgia

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Georgia



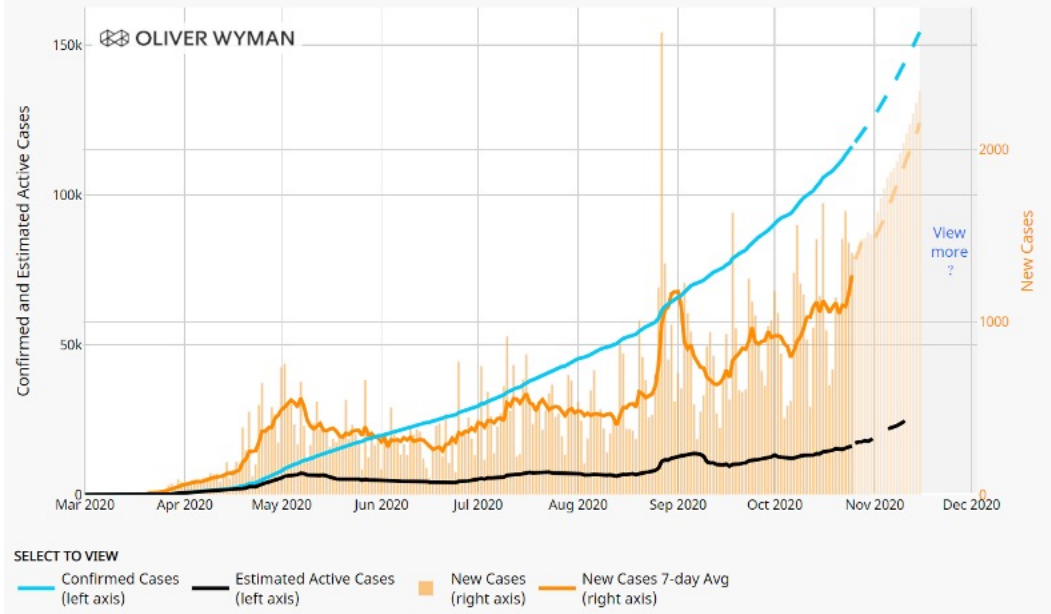
Iowa

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Iowa



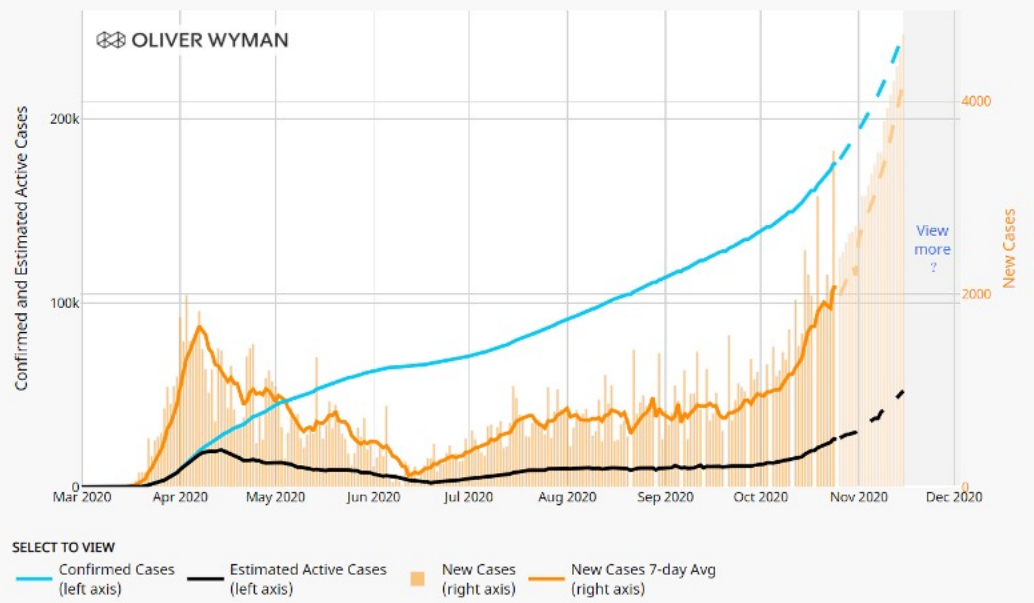
Michigan

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Michigan



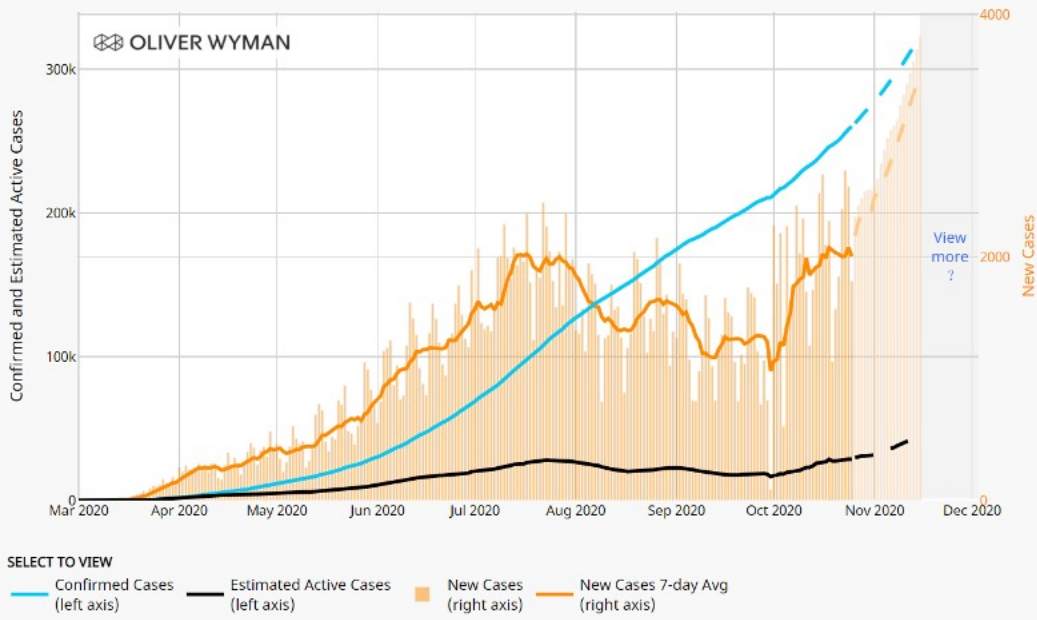
North Carolina

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: North Carolina



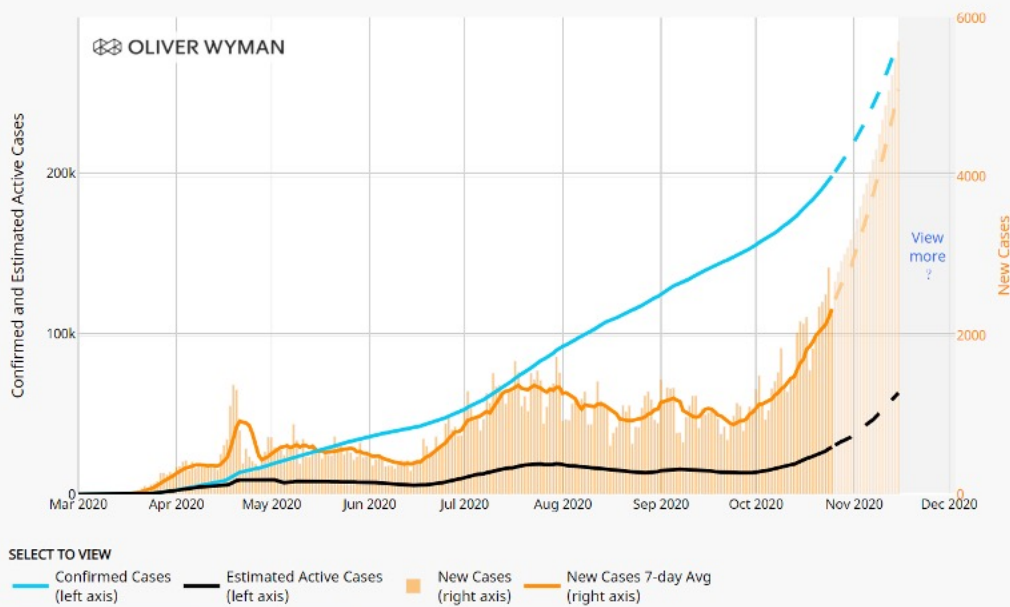
Ohio

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Ohio



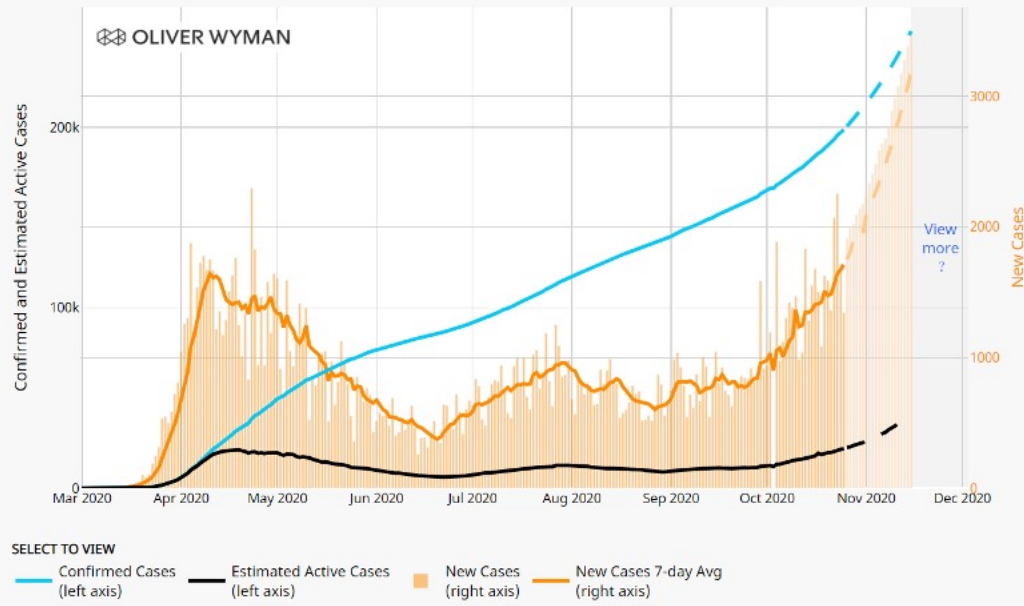
Pennsylvania

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Pennsylvania



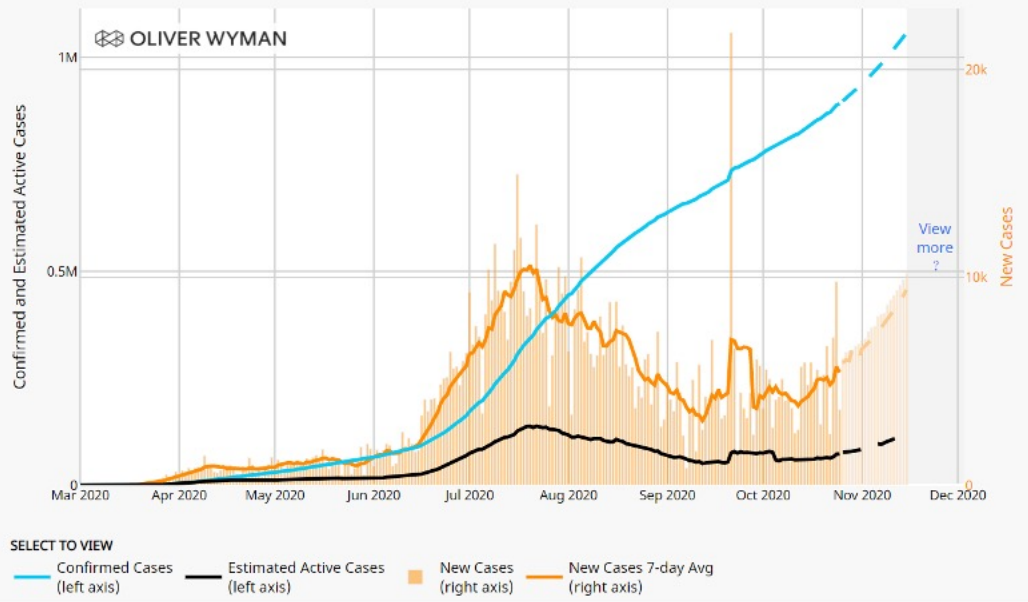
Texas

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Texas



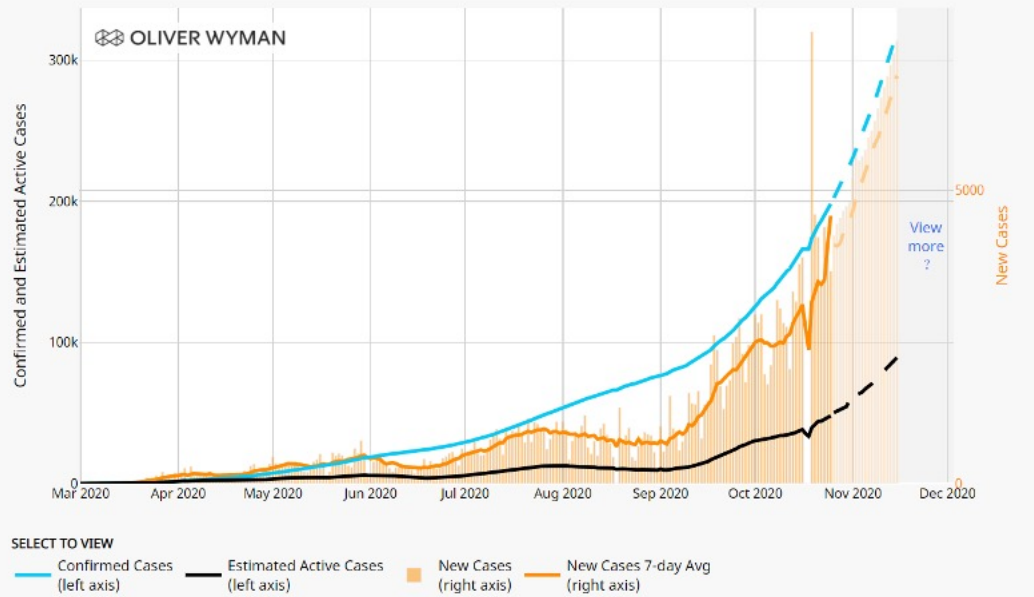
Wisconsin

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Wisconsin



Select States

COVID-19 Cases

(Confirmed, Estimated Active, and New)

Linear Log

REGION: Arizona / Florida / Georgia / Michigan / North Carolina + 4 others

