COVID-19 MODELING

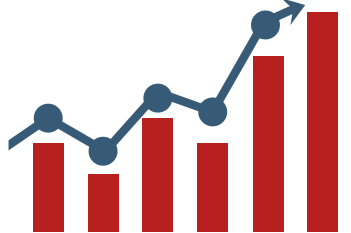Allegan County HEALTH Department

THE DATA

Public Health uses data to help inform decisions. While we continue to learn more about COVID-19, a team of data scientists, engineers, and designers in partnership with epidemiologists, public health officials, and political leaders developed a website called CovidActNow.org to help understand how the COVID-19 pandemic will affect regions. We use data-driven projections to help make real time decisions.
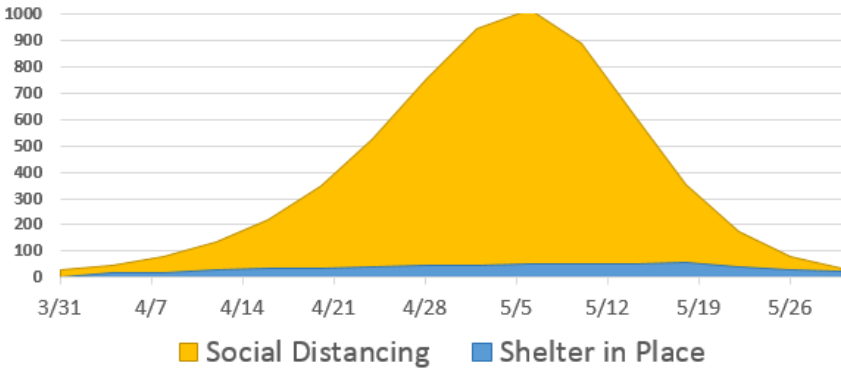
ALLEGAN COUNTY

Allegan County Health Department took these projections from Michigan, and applied it to our county. This extrapolation assumes that Allegan County will follow the pattern of the state as a whole. This is only a model; however it is informed by current epidemiological research on COVID-19. **These projections are not to predict the future, but show how important it is to follow the shelter in place orders**. Everyone needs to do their part to beat this virus.

SHELTERING IN PLACE MAKES A DIFFERENCE

COVID-19 Allegan County Projected Hospitalizations

Legend: Social Distancing, Shelter in Place

COVID-19 Allegan County Projected Deaths

	Allegan County	Michigan
Population (2017)	116,447	9,976,000
Percent	1.17%	100%
3 months social distancing		
Deaths (3 month total)	1,739	149,000
Deaths (per week on average)*	145	12,417
3 months shelter in place		
Deaths (3 month total)	105	9,000
Deaths (per week on average)*	9	750

* note that the weekly total would follow a bell curve, being smaller at the beginning, and greater than this average at the peak)

DO YOUR PART

STAY HOME

LIMIT TO ESSENTIAL INTERACTIONS

CONTINUE TO EXERCISE