

METROHEALTH COVID-19 PROJECTIONS

PROGRESSIVE REOPENING MODEL

MAY 18, 2020

2020

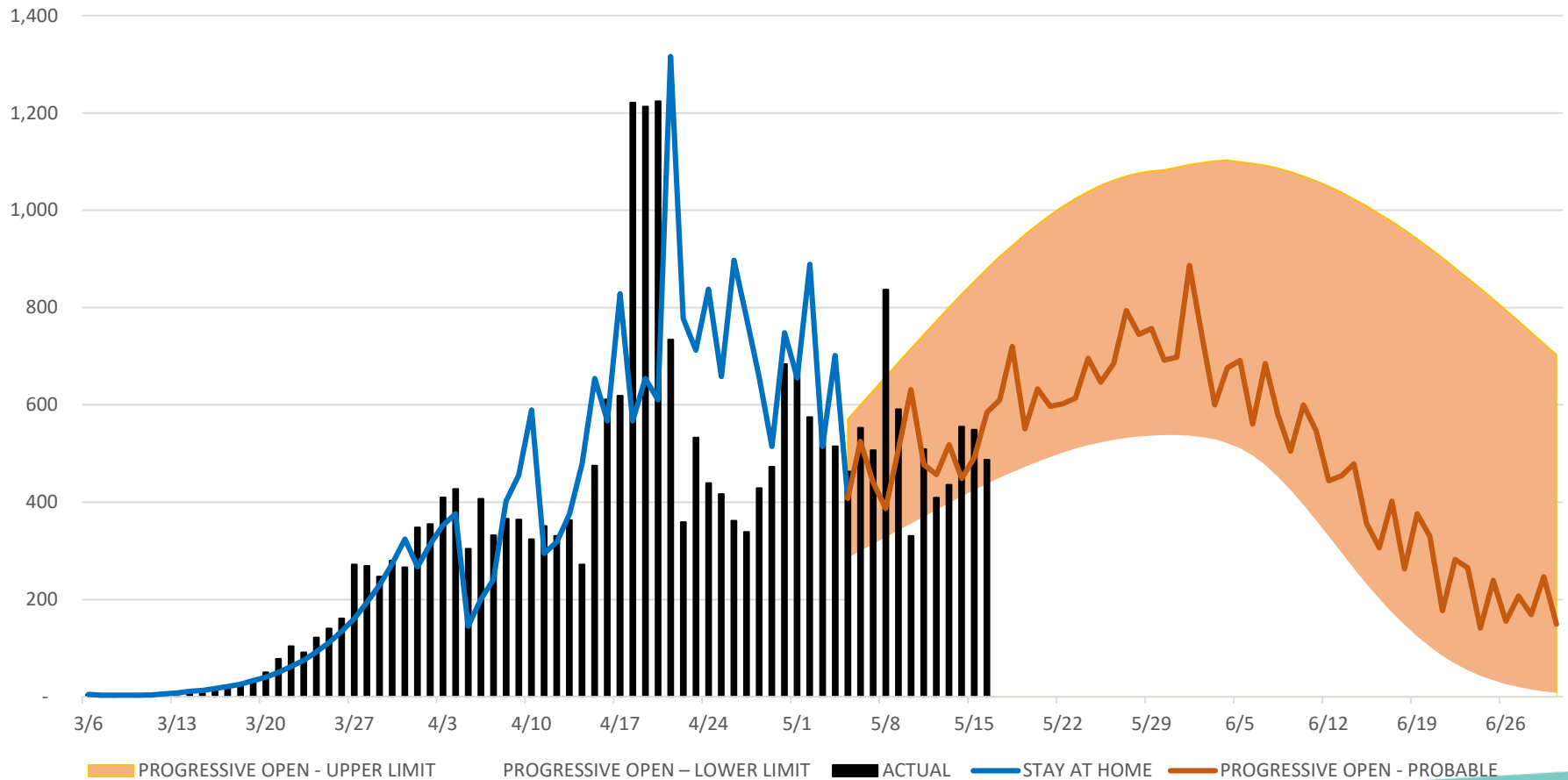


CHANGES IN EPIDEMIOLOGIC CURVE

- Ohioans are estimated to have limited contact by 65 - 80%
- Increasing contact will result in clusters
- Clusters continue to be the predominant driver of new cases
- Doubling time has increased over the past month from 9.6 Days to 30.6 Days for Ohio and from 16.8 days to 27.6 days for Cuyahoga County
- A 10% positivity rate of tests indicates that Ohio has adequate number of tests to manage the crisis. Increased testing capacity is expected to increase confirmed cases, and reduce the positivity rate
- Hospitalizations, ICU admissions, and Death are trending lower over past 21 days
- Reopening is expected to increase contacts between individuals by 200% to 350%
- Over the next 45 days, doubling time will continue to increase despite the increase in number of new cases
- Fall resurgence may or may not occur. Modeling is not helpful at this time

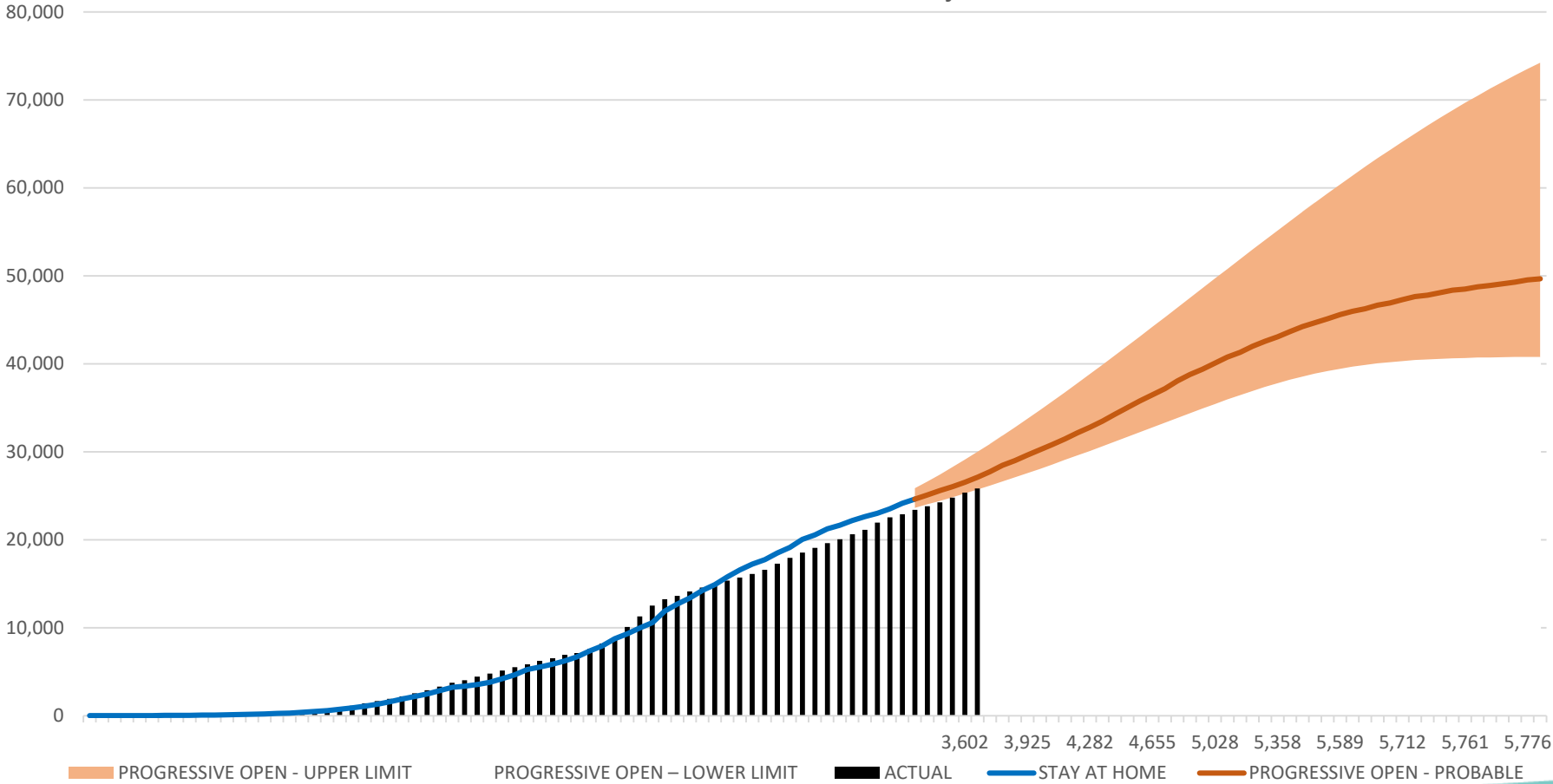
OHIO – 200% TO 350% ↑ IN CONTACTS

Ohio New Confirmed Cases Projections



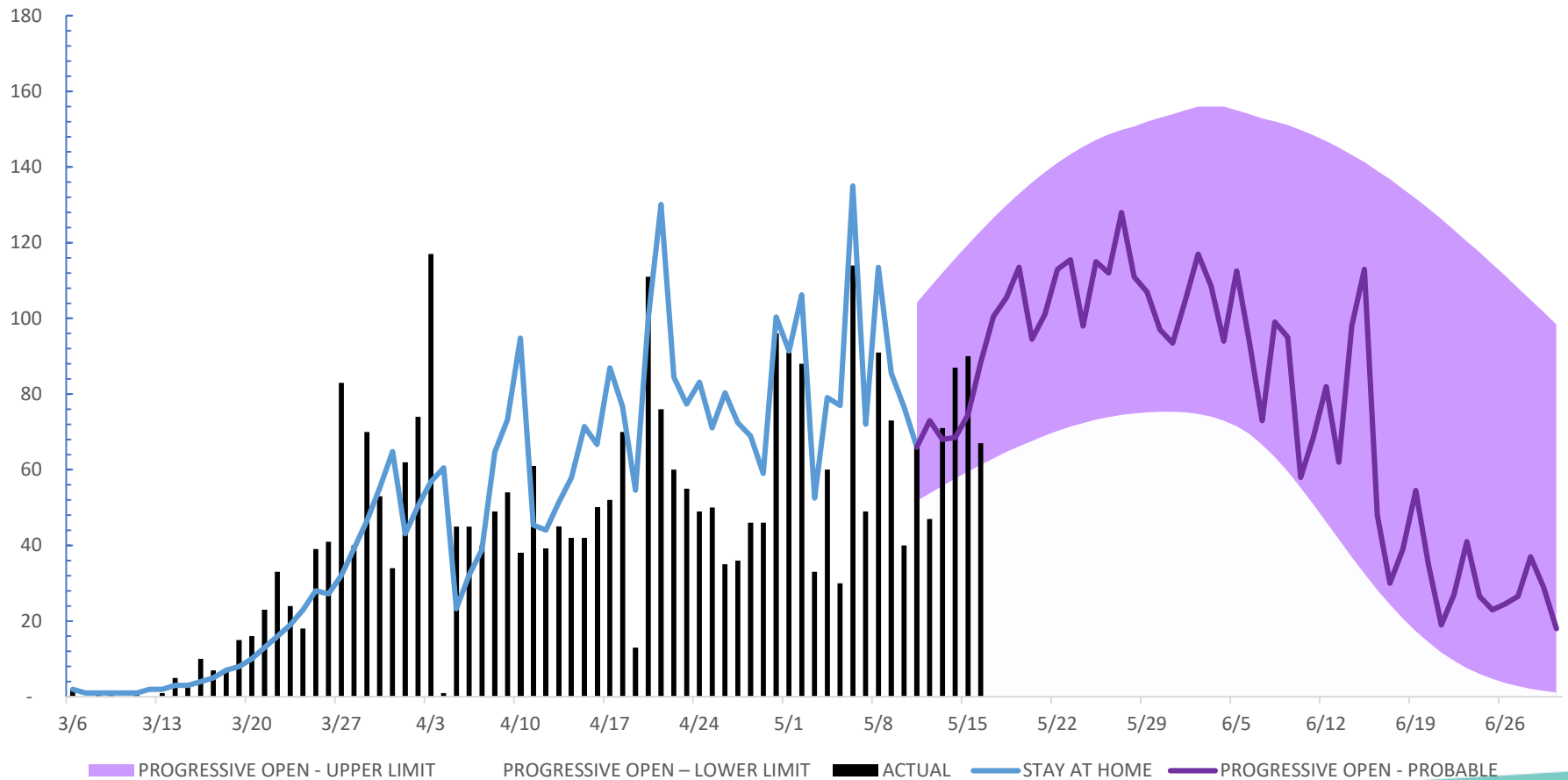
OHIO – 200% TO 350% ↑ IN CONTACTS

Ohio Total Confirmed Cases Projections



CUY CNTY – 200% TO 350% ↑ IN CONTACTS

Cuyahoga County New Cases Confirmed Projections



CUY CNTY – 200% TO 350% ↑ IN CONTACTS

Cuyahoga County Total Confirmed Cases Projections

