

Planning for the Next Phase of the COVID-19 Pandemic

Dr. Lawrence Loh, Interim Medical Officer of Health

Gregory Kujbida, Advisor, Peel Public Health

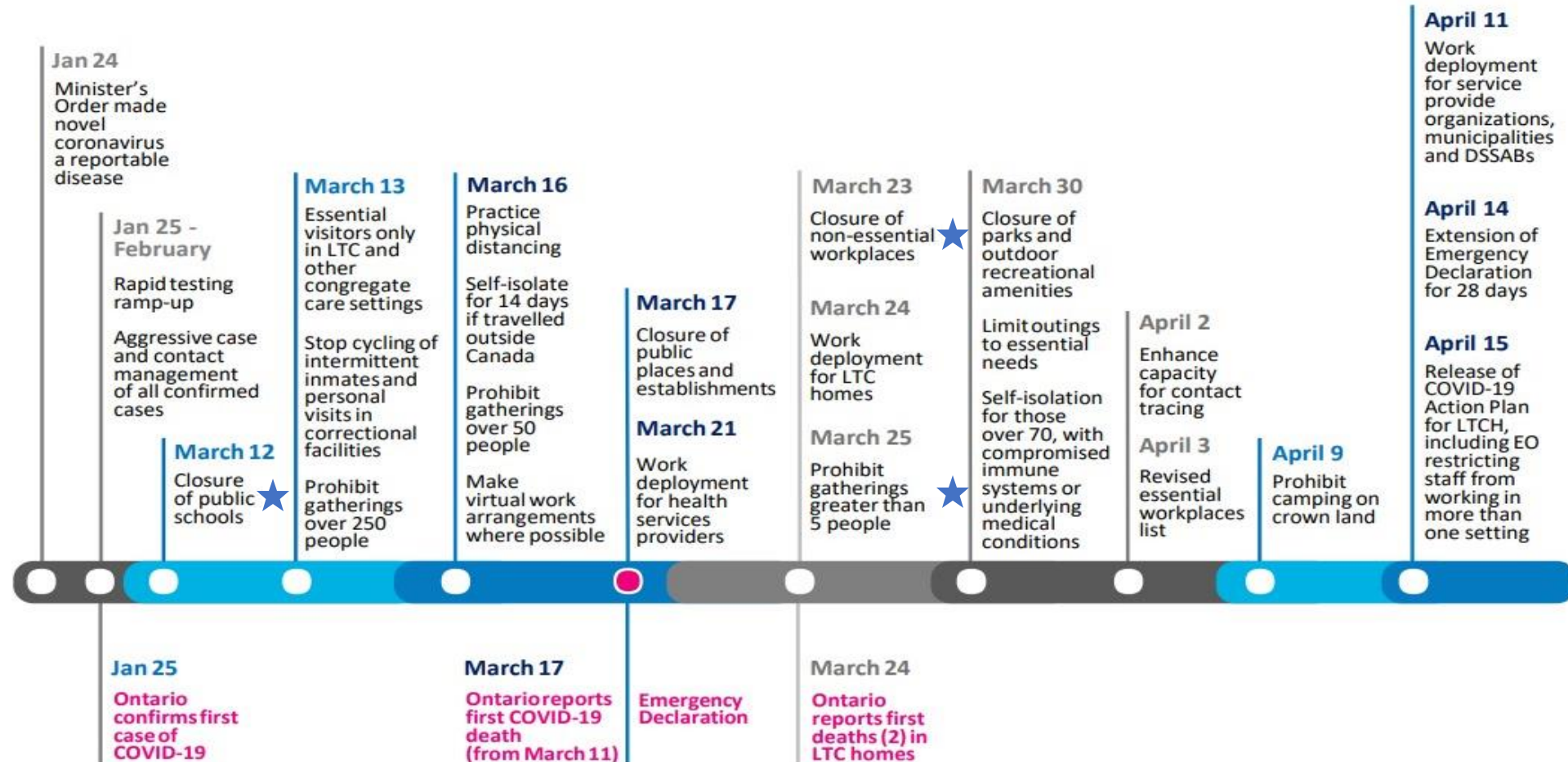
Thursday May 14, 2020



Ontario's Phased Approach to Reopening



Key Public Health Measures Timeline



Requirements for Easing Public Health Measures



Virus spread and containment

Are we seeing consistent decreases in the number of new cases, new cases in hospitals, and cases that can't be traced to a source?



Health system capacity

Is there sufficient acute and critical care capacity, access to ventilators, and ongoing availability of PPE?



Public health system capacity

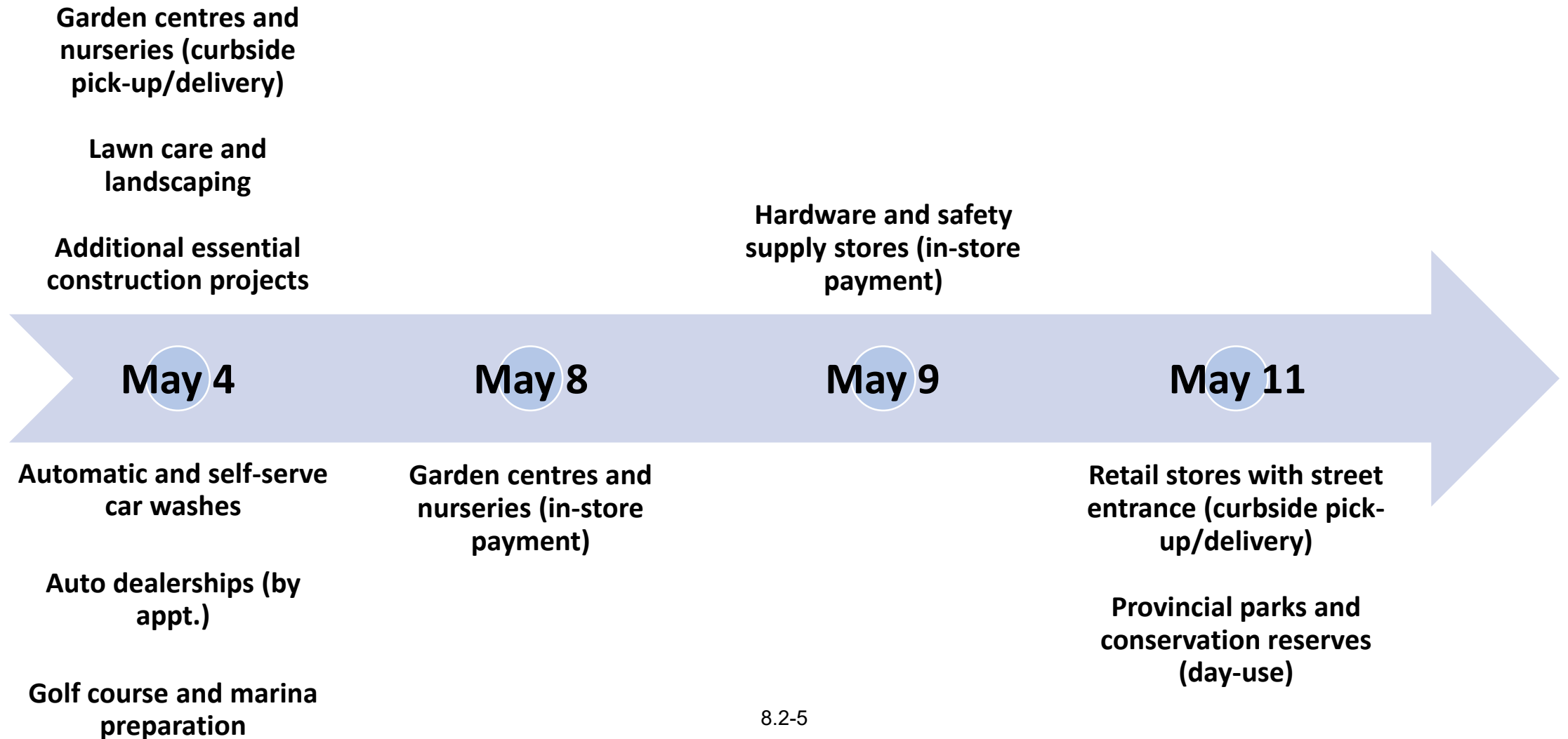
Can we reach newly reported cases and their close contacts quickly to break chains of transmission?



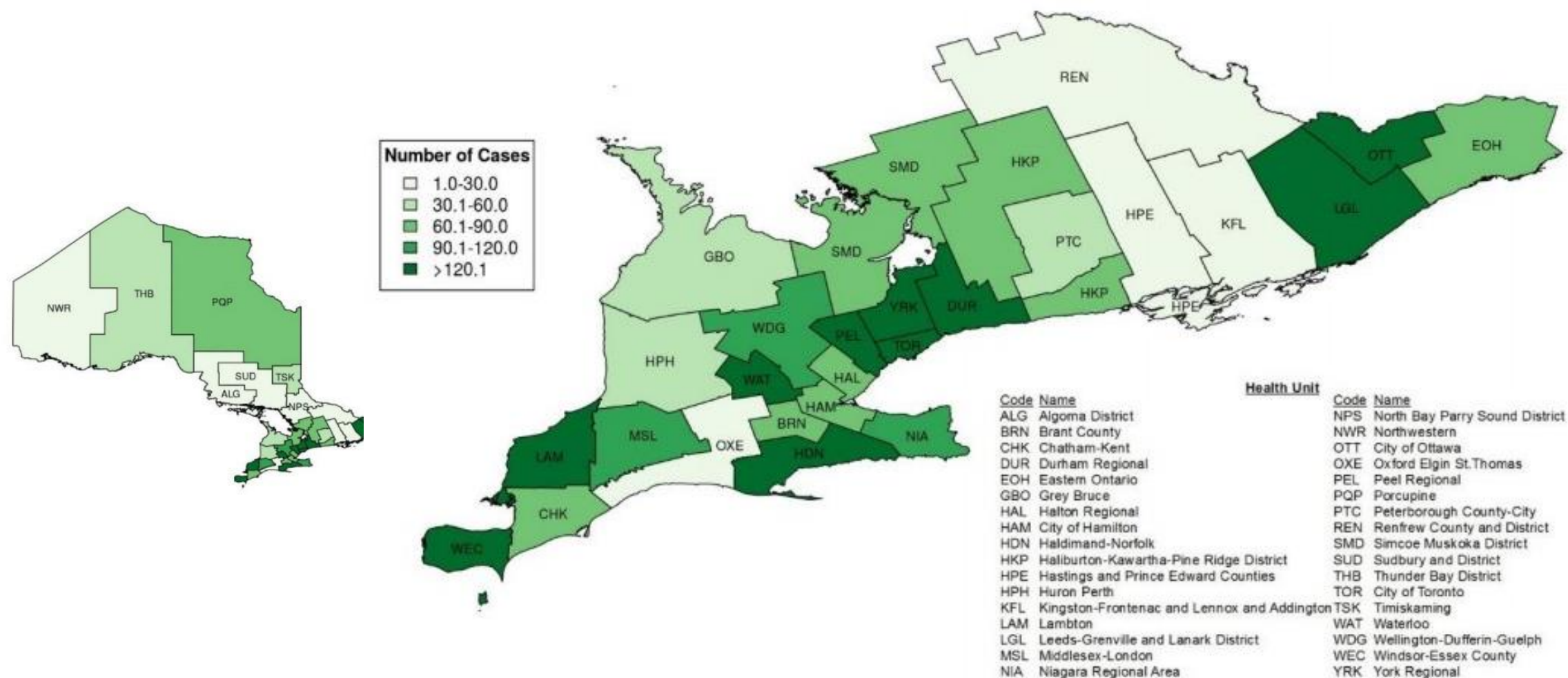
Incidence tracking capacity

Is there sufficient laboratory testing to ensure a resurgence in cases is identified quickly?

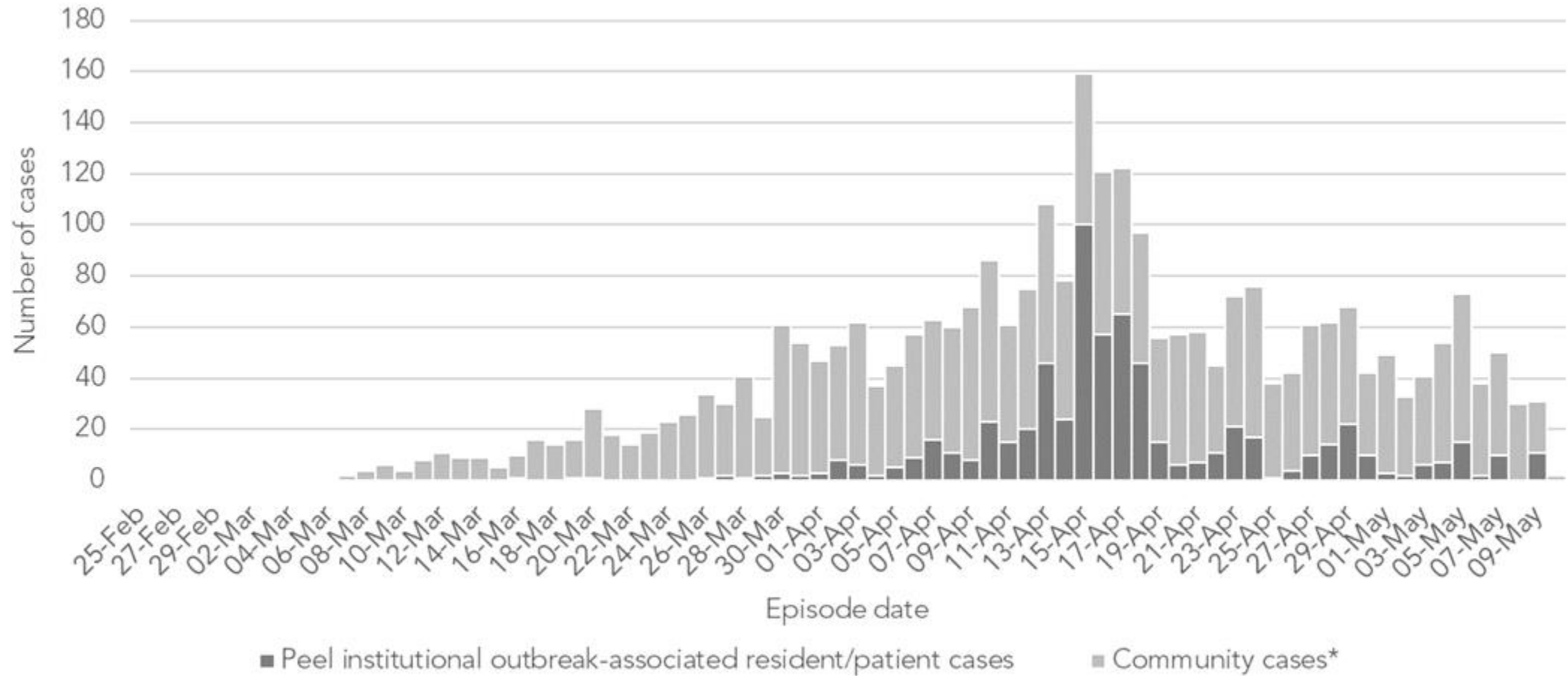
Select Reopening Under Strict Guidelines



Peel's Current Situation



Peel's Current Situation

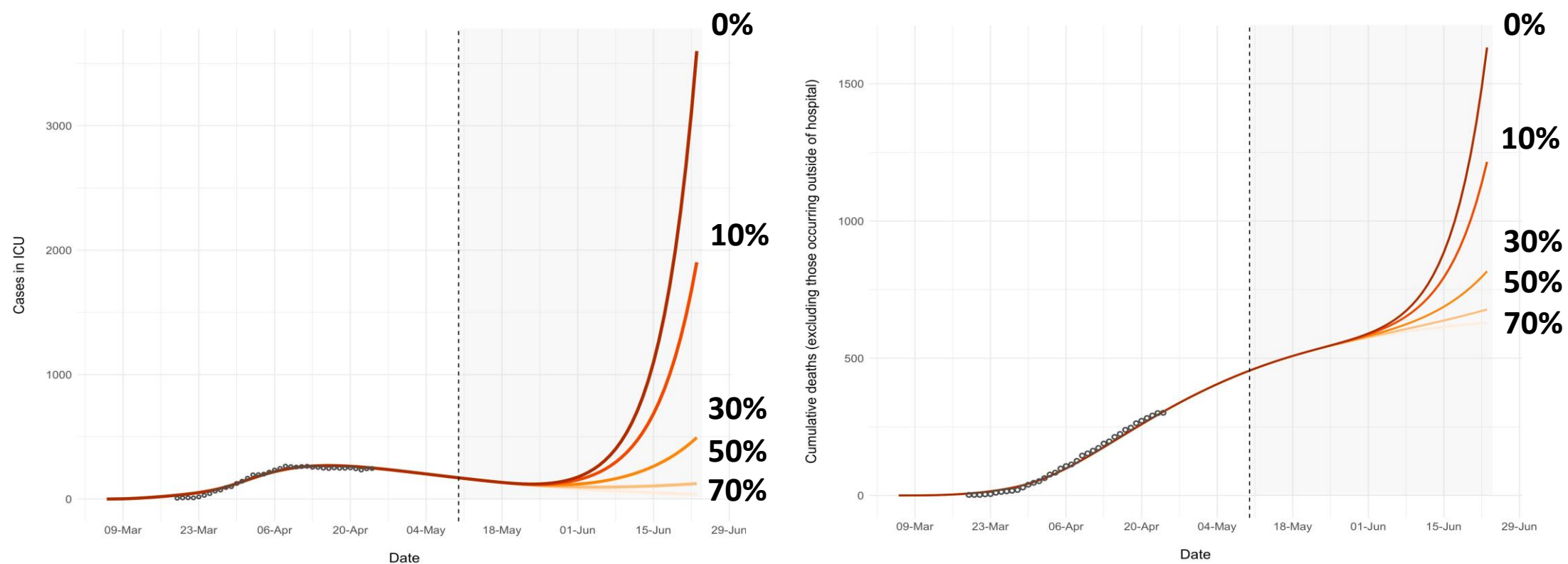


The Risk of Reopening Too Fast

- Widespread, effective physical distancing measures have helped keep us below the health system capacity threshold
- A high proportion of the population remains susceptible to the virus that causes COVID-19
- In the absence of expanded public health, health system, and testing capacities, relaxing public health measures too quickly will likely lead to:
 - A resurgence in COVID-19 transmission
 - An amplified second wave of cases

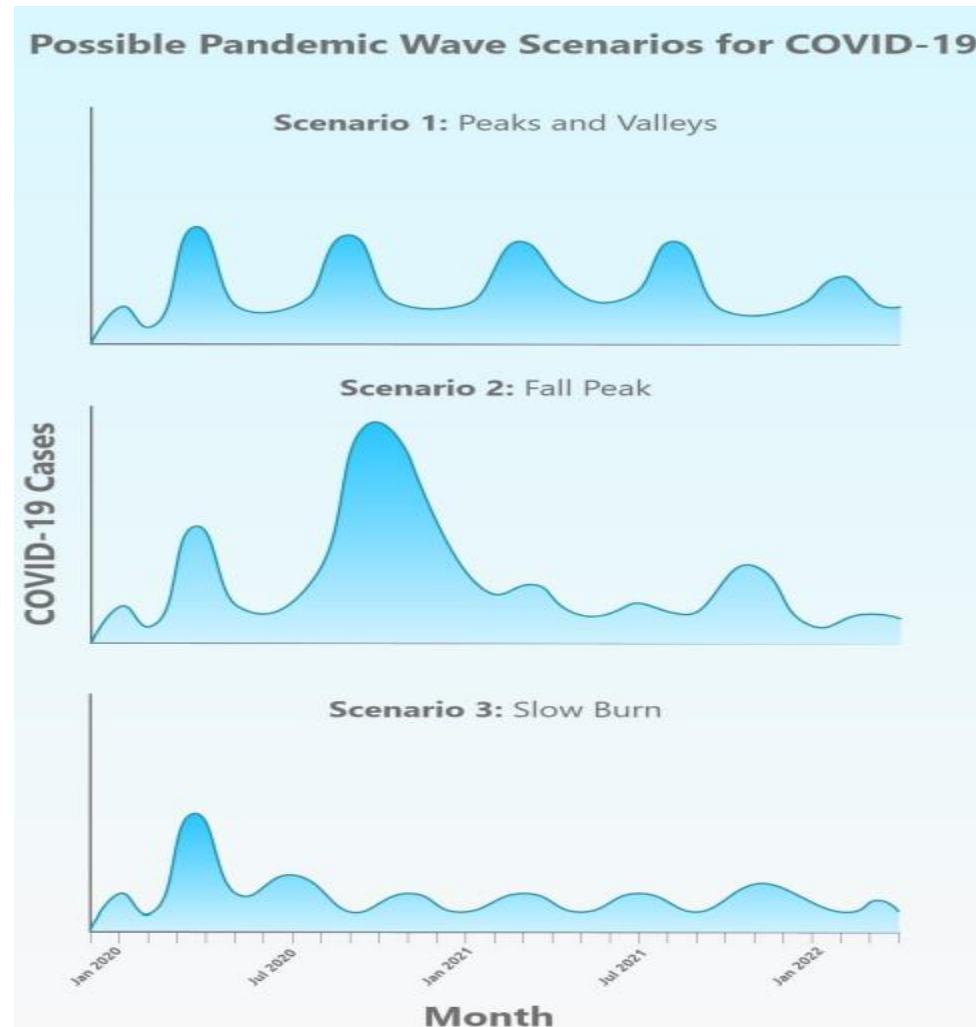
The Risk of Reopening Too Fast

% reduction in contacts relative to normal

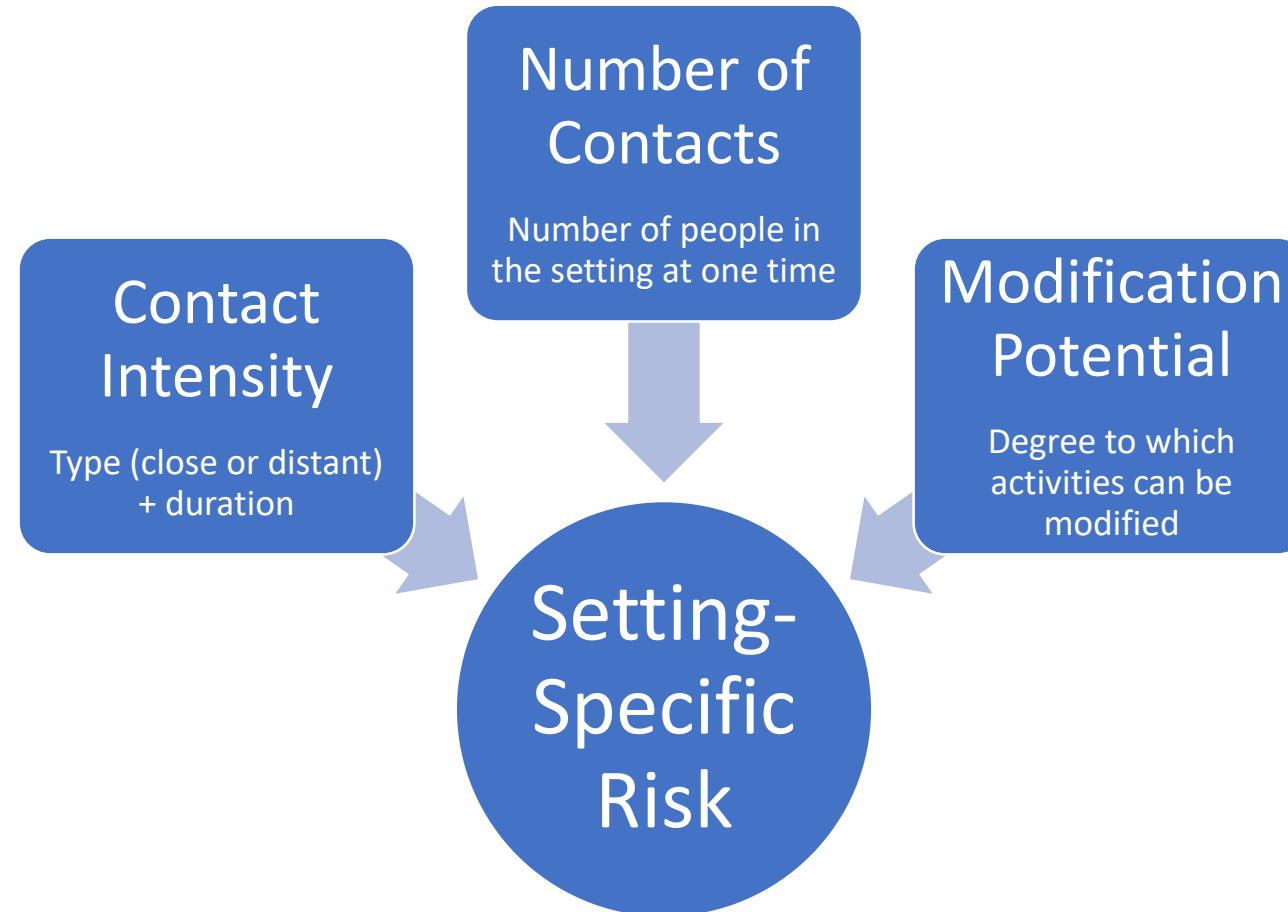


8.2-9

Possible Future Scenarios



Reopening Considerations



COVID-19 Mitigation Measures for the Future

Engineering Controls: remove / block the hazard at the source

- Physical distancing, physical barriers, environmental cleaning / disinfection

Administrative Controls: optimizing movement to minimize potential contact with the hazard

- Scheduling, work from home, limited hours, staff reduction, virtual meetings, paid sick leave, temperature screening, symptom screening / reporting

Personal Hygiene Controls: individual actions or behaviours that might reduce hazard exposure

- Hand hygiene, respiratory etiquette, masking for source control (to protect others)

Personal Protective Equipment: protection for the individual

- Selection based on exposure risk

Questions?