



COVID-19

A Frontline Guide for Local Decision-Makers

Metrics overview

May 2020



**Infection
Rate**



**Diagnostic
Testing &
Surveillance**



**Case &
Contact
Investigations**



**Healthcare
Readiness**



**Protecting
At-Risk
Populations**

Rates & New
Cases Decreasing

PHASES FOR RE-OPENING

<3% of tests conducted are positive

Current estimate of less than 1 case
per 100,000 population per week

4

Phase 4: New normal

- Maximal return to normalcy that is viable prior to herd immunity via widespread vaccination
- Community transmission is well monitored and virus flare-ups are contained rapidly
- Most high-risk/low criticality functions can resume

Continued decline in daily cases

<3% of tests conducted are positive

Current estimate of less than 1 case
per 100,000 population per day

3

Phase 3: Economic recovery

- Widely re-opening economic and social functions once transmission has declined and is suppressed
- Moderate-sized gatherings and activities in enclosed spaces possible with appropriate mitigation
- Continue to prohibit large gatherings
- Telework should continue wherever feasible

Sustained decline in daily cases for 21 consecutive
days, as reflected in the 5-day rolling average

<10% of tests conducted are positive

Current estimate of less than 5 cases
per 100,000 population per day

2

Phase 2: Initial re-opening

- Limited number of critically important activities open
- Continue to prohibit gatherings in enclosed spaces
- Some outdoor activities with appropriate distancing
- Telework should continue wherever feasible

1

Phase 1: Maximum social-distancing

Tailored to each community, focus is on reducing
person-to-person transmission and decreasing the
burden on the healthcare system



LOCKDOWN

Rates & New
Cases Increasing



**Infection
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**Protecting
At-Risk
Populations**

Faster & Widely
Available

PHASES FOR RE-OPENING

All symptomatic people, all asymptomatic high-risk individuals or contacts, and anyone who requests a test/any physician who orders a test can access testing

Tests are readily available for all essential personnel

Majority of test results are returned within 24 hours

Sufficient number of tests per day

4

Phase 4: New normal

- Maximal return to normalcy that is viable prior to herd immunity via widespread vaccination
- Community transmission is well monitored and virus flare-ups are contained rapidly
- Most high-risk/low criticality functions can resume

All symptomatic people, all asymptomatic high-risk individuals or contacts can access testing

Tests are readily available for all essential personnel

Majority of test results are returned within 24 hours

Increasing number of tests per day;
nearing sufficiency

3

Phase 3: Economic recovery

- Widely re-opening economic and social functions once transmission has declined and is suppressed
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All symptomatic people, all asymptomatic high-risk individuals or contacts can access testing

Tests are readily available for all essential personnel

Majority of test results are returned within 48 hours

Increasing number of tests per day

2

Phase 2: Initial re-opening

- Limited number of critically important activities open
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LOCKDOWN

Slower and Less
Available



Infection Rate



Diagnostic Testing & Surveillance



Case & Contact Investigations



Healthcare Readiness



Protecting At-Risk Populations

PHASES FOR RE-OPENING

More Contacts Managed

95% of close contacts are elicited, located, tested within 24 hours

At least 30 contact tracers per 100,000, as well as case managers, care resource coordinators, community health workers

At least 90% of new cases from identified contacts

4

Phase 4: New normal

- Maximal return to normalcy that is viable prior to herd immunity via widespread vaccination
- Community transmission is well monitored and virus flare-ups are contained rapidly
- Most high-risk/low criticality functions can resume

90% of close contacts are elicited, located, tested within 24 hours

At least 30 contact tracers per 100,000, as well as case managers, care resource coordinators, community health workers

At least 80% of new cases from identified contacts

3

Phase 3: Economic recovery

- Widely re-opening economic and social functions once transmission has declined and is suppressed
- Moderate-sized gatherings and activities in enclosed spaces possible with appropriate mitigation
- Continue to prohibit large gatherings
- Telework should continue wherever feasible

75% of close contacts are elicited, located, tested within 24 hours

At least 30 contact tracers per 100,000, as well as case managers, care resource coordinators, community health workers

At least 60% of new cases from identified contacts

2

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LOCKDOWN

Fewer Contacts Managed



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**Protecting
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Capacity
Increasing

PHASES FOR RE-OPENING

At least 30% of existing ICU capacity is available to accommodate a surge in COVID-19 patients without resorting to crisis standards of care

Sufficient PPE for majority healthcare facilities, at-risk facilities, essential personnel

PPE reserve of at least 90 days

4

Phase 4: New normal

- Maximal return to normalcy that is viable prior to herd immunity via widespread vaccination
- Community transmission is well monitored and virus flare-ups are contained rapidly
- Most high-risk/low criticality functions can resume

At least 30% of existing ICU capacity is available to accommodate a surge in COVID-19 patients without resorting to crisis standards of care

Sufficient PPE for majority healthcare facilities, at-risk facilities, essential personnel

PPE reserve of at least 2-4 weeks

3

Phase 3: Economic recovery

- Widely re-opening economic and social functions once transmission has declined and is suppressed
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- Continue to prohibit large gatherings
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At least 15% of existing ICU capacity is available to accommodate a surge in COVID-19 patients without resorting to crisis standards of care

Sufficient PPE for majority healthcare facilities, at-risk facilities, essential personnel

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Capacity
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Cases
Decreasing

PHASES FOR RE-OPENING

Sufficient testing, quarantine, and isolation
in long-term care facilities

% of cases reported from long-term care facilities
<5% over last 28 days

Local rapid response teams are available to respond to
outbreak hotspots within 24 hours with sufficient PPE

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% of cases reported from long-term care facilities
<20% over last 28 days

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outbreak hotspots within 24 hours with sufficient PPE

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