








# COVID-19

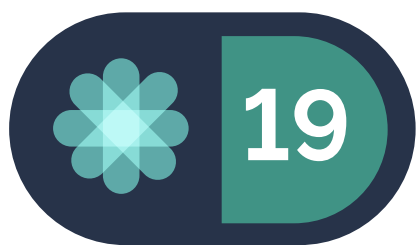
A Frontline Guide for Local Decision-Makers

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Metrics scorecard

May 2020

KEY METRICS		Phase 1	Thresholds To Enter Phase 2	Thresholds To Enter Phase 3	Thresholds To Enter Phase 4
 <b>Infection Rate</b>	Maximum social-distancing		Sustained decline in daily cases for 21 consecutive days, as reflected in the 5-day rolling average	Continued decline in daily cases	<3% of tests conducted are positive
			<10% of tests conducted are positive	<3% of tests conducted are positive	
			Current estimate of less than 5 cases per 100,000 population per day	Current estimate of less than 1 case per 100,000 population per day	Current estimate of less than 1 case per 100,000 population per week
 <b>Diagnostic Testing &amp; Surveillance</b>	Maximum social-distancing		All symptomatic people, all asymptomatic high-risk individuals or contacts can access testing	All symptomatic people, all asymptomatic high-risk individuals or contacts can access testing	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	Tests are readily available for all essential personnel	Tests are readily available for all essential personnel
			Majority of test results are returned within 48 hours	Majority of test results are returned within 24 hours	Majority of test results are returned within 24 hours
			Increasing number of tests per day	Increasing number of tests per day; nearing sufficiency	Sufficient number of tests per day
 <b>Case &amp; Contact Investigations</b>	Maximum social-distancing		75% of close contacts are elicited and located within 48 hours	90% of close contacts are elicited, located, tested within 24 hours	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 30 contact tracers per 100,000, as well as case managers, care resource coordinators, community health workers	At least 30 contact tracers per 100,000, as well as case managers, care resource coordinators, community health workers
			>60% of new cases from identified contacts	>80% of new cases from identified contacts	>90% of new cases from identified contacts
 <b>Healthcare Readiness</b>	Maximum social-distancing		At least 15% of existing ICU capacity is available to accommodate a surge in COVID-19 patients without resorting to crisis standards of care	At least 30% of existing ICU capacity is available to accommodate a surge in COVID-19 patients without resorting to crisis standards of care	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	Sufficient PPE for majority healthcare facilities, at-risk facilities, essential personnel	Sufficient PPE for majority healthcare facilities, at-risk facilities, essential personnel
				PPE reserve of at least 2-4 weeks	PPE reserve of at least 90 days
 <b>Protecting At-Risk Populations</b>	Maximum social-distancing		Sufficient testing, quarantine, isolation in long-term care facilities	Sufficient testing, quarantine, isolation in long-term care facilities	Sufficient testing, quarantine, isolation in long-term care facilities
			% of cases reported from long-term care facilities <20% over last 28 days	% of cases reported from long-term care facilities <10% over last 28 days	% 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	Local rapid response teams are available to respond to outbreak hotspots within 24 hours with sufficient PPE	Local rapid response teams are available to respond to outbreak hotspots within 24 hours with sufficient PPE



# COVID-19

A Frontline Guide for Local Decision-Makers

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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 Rate**



**Diagnostic Testing & Surveillance**



**Case & Contact Investigations**



**Healthcare Readiness**



**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
- Moderate-sized gatherings and activities in enclosed spaces possible with appropriate mitigation
- Continue to prohibit large gatherings
- Telework should continue wherever feasible

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
- 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

Slower and Less Available



**Infection Rate**



**Diagnostic Testing & Surveillance**



**Case & Contact Investigations**



**Healthcare Readiness**



**Protecting At-Risk Populations**

More Contacts Managed

## PHASES FOR RE-OPENING

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

### 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

Fewer Contacts Managed



**Infection  
Rate**



**Diagnostic  
Testing &  
Surveillance**



**Case &  
Contact  
Investigations**



**Healthcare  
Readiness**



**Protecting  
At-Risk  
Populations**

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

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### 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

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

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
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### 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

Capacity  
Decreasing





**Infection  
Rate**



**Diagnostic  
Testing &  
Surveillance**



**Case &  
Contact  
Investigations**



**Healthcare  
Readiness**



**Protecting  
At-Risk  
Populations**

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

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

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

% of cases reported from long-term care facilities  
<10% over last 28 days

Local rapid response teams are available to respond to  
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### Phase 3: Economic recovery

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

% of cases reported from long-term care facilities  
<20% 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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### Phase 2: Initial re-opening

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LOCKDOWN

Cases  
Increasing