Current Surveillance and Epidemiology

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COVID-19 Case Definition - Ontario

• A person with fever **OR** cough **OR** difficulty breathing
• **AND**
  • (1) travel to mainland China, Hong Kong, Italy, Iran, South Korea, Japan, or Singapore 14 days before onset of illness
  • **OR** (2) close contact with a confirmed or probable case of COVID-19
  • **OR** (3) close contact with a person with acute respiratory illness who has been to the above affected regions within 14 days prior to their illness onset
Current Cases

**Globally**
Confirmed cases = 97,750
Deaths = 3,346
Recovered = 53,783
77 international locations

**China**
Confirmed cases = 80,422
Deaths = 2,984

**Canada**
Confirmed cases = 33 (BC, QC, ON)
Persons under Investigation (PUI) = 78 (ON)
Canadian Updates

Confirmed cases = 33 (ON = 20, BC = 12, QC = 1)
PUI = 45 (ON) | Presumptive confirmed = 1 (QC)

**Quarantined:** Canadians who were on the Diamond Princess are being quarantined at Cornwall ON

### Update in Ontario

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Confirmed negative</td>
<td>1466</td>
</tr>
<tr>
<td>Currently under investigation</td>
<td>78</td>
</tr>
<tr>
<td>Confirmed positive</td>
<td>18</td>
</tr>
<tr>
<td>Total number of patients approved for 2019-nCoV testing to date</td>
<td>1566</td>
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</tbody>
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Local Updates

Advice for Canadians (asymptomatic):

• Returning travelers from Hubei province, China & Iran:
  • contact local public health unit within 24 hours of arriving in Canada
  • stay at home and avoid close contact with others for 14 days from date they left Hubei province or Iran
  • contact Telehealth Ontario if symptoms

• Returning travelers from any other international location:
  • monitor for symptoms for 14 days after leaving China and contact Telehealth Ontario or their local public health unit if symptoms

• We are regularly updating our local recommendations with respect to self-monitoring and self-isolation measures

• These updates are based on country reports of endemic spread and observation of “doubling time” of the number of new cases in international locations; if doubling time is decreasing this alerts us to update our recommendations
Coronavirus COVID-19 Global Cases by Johns Hopkins CSSE

Total Confirmed: 97,840

Total Deaths: 3,347

Total Recovered: 53,783

Confirmed Cases by Country/Region:
- Mainland China: 2,982
- South Korea: 5,086
- Italy: 3,351
- Iran: 2,605
- Other countries: 706

Deaths:
- Mainland China: 148
- Italy: 107
- Iran: 95
- South Korea: 70
- Mainland China: 22

Recovered:
- Mainland China: 1,239
- Hubei Mainland China: 1,424
- Hubei Mainland China: 970

Last Updated: 3/5/2020, 1:13:04 PM

Data sources: WHO, CDC, ECDC, NHC and DXY, read more in this blog: Contact US.

https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6
Confirmed cases Start of data recording: 1st data / ... / 1 Mar 2020 / 2 Mar 2020 / 3 Mar 2020 / 4 Mar 2020 / Country

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<tr>
<th>Date</th>
<th>Cases</th>
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- Ukraine ex Italy/Romania https://www.albawaba.com/
- Liechtenstein ex Switzerland https://www.volksblatt.li
- Gibraltar ex Italy https://www.albawaba.com/news/kill
- Chile ex Singapore https://news.mb.com.ph/2020/03
Other Resources


• University of Minnesota CIDRAP - http://www.cidrap.umn.edu/covid-19

• Worldometer - https://www.worldometers.info/coronavirus/
Ongoing Work at KFL&A Public Health

Incident Management System (IMS) activation
• January 29, 2020

Health systems preparedness
• Supporting primary care, proper infection control practices

Surveillance
• Coordinating with local stakeholders/provincial partners

Enabling and facilitating testing of COVID-19

Communications
• Page on KFL&A website, social media messaging
Future/Current Plans

• Syndromic Surveillance
  • ACES - https://aces.kflaphi.ca/#/

• Tertiary Care Surveillance
  • ARI Admission Swabs

• Sentinel ED Surveillance
  • Random sampling + syndromic thresholds for ED patients with an ARI