From: **Farshad Pourmalek** pourmalek_farshad@yahoo.com
Subject: Canada COVID-19 epidemic models situation report No 13 - 2021-09-28
Date: September 29, 2021 at 4:12 PM
To: Chrystia Freeland chrystia.freeland@dpmo-cvpm.gc.ca, Patty Hajdu HCMinister.MinistreSC@canada.ca, Theresa Tam phac.cpho-acsp.aspc@canada.ca, Jason Copping health.minister@gov.ab.ca, Deena Hinshaw Deena.Hinshaw@gov.ab.ca, Adrian Dix HLTH.Minister@gov.bc.ca, Bonnie Henry Bonnie.Henry@gov.bc.ca, Audrey Gordon minhsc@leg.gov.mb.ca, Brent Roussin Brent.Roussin@gov.mb.ca, Michelle Thompson Health.Minister@novascotia.ca, Robert Strang Robert.Strang@novascotia.ca, Christine Elliott christine.elliott@ontario.ca, Kieran Moore Kieran.Moore@ontario.ca, Christian Dubé ministre@msss.gouv.qc.ca, Horacio Arruda horacio.arruda@msss.gouv.qc.ca, Paul Merriman he.minister@gov.sk.ca, Saqib Shahab saqib.shahab@health.gov.sk.ca
Cc: Farshad Pourmalek purmalek@u.washington.edu

FP

September 29, 2021

The Honourable Deputy Prime Minister,
The Honourable Ministers of Health,
Chief Public Health Officer of Canada,
Chief Provincial Medical and Public Health Officers,

I am a physician and epidemiologist who has worked at the University of British Columbia, University of Washington, WHO, UNDP, and UNICEF.

Please see the attached 13th situation report of predictions of the COVID-19 epidemic trajectory in Canada at the national and province levels in the next three months.

The international and periodically updated models included are DELPHI (Cambridge), IHME (Seattle), Imperial College (London), Los Alamos (Los Alamos), and Srivastava (USC, Los Angeles). The PHAC-McMaster model is also added since September 2021.

The objective is to facilitate the review of the predictions of the COVID-19 epidemic models for the technical advisors to the decision-makers.

All the material is available at https://github.com/pourmalek/CovidVisualizedCountry, including the scientific journal articles on this work.

Thank you,

Farshad Pourmalek

1604-9541 Erickson Dr, Burnaby, BC V3J 7N8
pourmalek_farshad@yahoo.com
604-771-6935

13 Canada COVID...28.pdf

> Begin forwarded message:
>
> **From:** Farid Najafi <farid_n32@yahoo.com>
> **Subject:** **Re: Iran COVID-19 epidemic models situation report No 20 – 2021-09-28**
> **Date:** September 28, 2021 at 9:09:34 AM PDT
> **To:** Mohsen Asadi Lari <mohsen.asadi@yahoo.com>, Farshad Pourmalek <pourmalek_farshad@yahoo.com>
> **Cc:** Farshad Pourmalek <purmalek@u.washington.edu>, Masoud Younesian <yunesian@tums.ac.ir>
> **Reply-To:** Farid Najafi <farid_n32@yahoo.com>
>
> Dear Dr. Pourmalak
> Thank you for sending regular reports on the covid-19 situation report in Iran. I forwarded this email to Dr. Younesian who is not in charge of the National Epidemiology Committee. I believe that such reports are very helpful and informative and hope to present the latest update next week in National Scientific Comittee.
> Regards

Regards

Farid Najafi MD PhD
Epidemiologist
Deputy Minister of Research and Technology

On Tuesday, September 28, 2021, 06:56:13 PM GMT+3:30, Farshad Pourmalek <pourmalek_farshad@yahoo.com> wrote:

September 28, 2021

Ministry of Health and Medical Education, Iran

Deputy Minister for Research and Technology

Acting Minister for International Affairs

Dear Dr Najafi, Dear Dr Asadi Lari,

Please find attached “Iran COVID-19 epidemic models situation report No 20 – 2021-09-28”.

Best regards,

Farshad Pourmalek

1604-9541 Erickson Dr, Burnaby, BC V3J 7N8, Canada

pourmalek_farshad@yahoo.com

1-604-771-6935

Begin forwarded message:

From: Farshad Pourmalek <pourmalek_farshad@yahoo.com>
Subject: Iran COVID-19 epidemic models situation report No 19 – 2021-09-23
Date: September 27, 2021 at 6:24:03 PM PDT
To: Farid Najafi <farid_n32@yahoo.com>, Mohsen Asadi Lari <mohsen.asadi@yahoo.com>
Cc: Farshad Pourmalek UW <purmalek@u.washington.edu>

September 27, 2021

Ministry of Health and Medical Education, Iran

Deputy Minister for Research and Technology

Acting Minister for International Affairs

Dear Dr Najafi, Dear Dr Asadi Lari,

Please find attached “Iran COVID-19 epidemic models situation report No 19 – 2021-09-23”.

Best regards,

Farshad Pourmalek

1604-9541 Erickson Dr, Burnaby, BC V3J 7N8, Canada

pourmalek_farshad@yahoo.com

1-604-771-6935

Begin forwarded message:

From: Farshad Pourmalek <pourmalek_farshad@yahoo.com>
Subject: Summary of COVID-19 pandemic models’ predictions at the global level
Date: September 27, 2021 at 12:17:31 PM PDT
To: Dr Tedros Adhanom <DGOffice@who.int>, Dr Zsuzsanna Jakab <jakabz@who.int>, Dr Michael Ryan <ryanm@who.int>, Dr Soumya Swaminathan <swaminathans@who.int>, Dr Maria Van Kerkhove <vankerkhovem@who.int>
Cc: "purmalek@u.washington.edu" <purmalek@u.washington.edu>

September 27, 2021

Honourable distinguished scientists,

I am a physician and epidemiologist who has worked at the University of British Columbia, University of Washington, WHO, UNDP, and UNICEF.

Please see the attached “**Global COVID-19 epidemic models situation report** No 07 – 2021-09-23.pdf”

International and periodically updated models included are DELPHI (Cambridge), IHME (Seattle), Imperial College (London), Los Alamos (Los Alamos), and Srivastava (USC, Los Angeles).

All the material for the global level is available at a GitHub repository I created here https://github.com/pourmalek/CovidVisualizedGlobal.

I have shared similar Situation Reports for Canada (https://github.com/pourmalek/CovidVisualizedCountry) and Iran (https://github.com/pourmalek/covir2).

The objective is to *facilitate* the review of the predictions of the COVID-19 epidemic models for the technical advisors to the decision-makers.

Thank you,

Farshad Pourmalek

1604-9541 Erickson Dr, Burnaby, BC V3J 7N8

pourmalek_farshad@yahoo.com

604-771-6935

Begin forwarded message:

From: Farshad Pourmalek <pourmalek_farshad@yahoo.com>
Subject: Summary of COVID-19 epidemic models' predictions for Canada and its provinces
Date: September 27, 2021 at 9:47:33 AM PDT
To: Chrystia Freeland <Chrystia.Freeland@parl.gc.ca>, Patty Hajdu <HCMinister.MinistreSC@canada.ca>, Theresa Tam <phac.cpho-acsp.aspc@canada.ca>, Jason Copping <health.minister@gov.ab.ca>, Deena Hinshaw <Deena.Hinshaw@gov.ab.ca>, Adrian Dix <HLTH.Minister@gov.bc.ca>, Bonnie Henry <Bonnie.Henry@gov.bc.ca>, Audrey Gordon <minhsc@leg.gov.mb.ca>, Brent Roussin <Brent.Roussin@gov.mb.ca>, Michelle Thompson <Health.Minister@novascotia.ca>, Robert Strang <Robert.Strang@novascotia.ca>, Christine Elliott <christine.elliott@ontario.ca>, Kieran Moore <Kieran.Moore@ontario.ca>, Christian Dubé <ministre@msss.gouv.qc.ca>, Horacio Arruda <horacio.arruda@msss.gouv.qc.ca>, Paul Merriman <he.minister@gov.sk.ca>, Saqib Shahab <saqib.shahab@health.gov.sk.ca>
Cc: Farshad Pourmalek Pourmalek <purmalek@u.washington.edu>

September 27, 2021

The Honourable Deputy Prime Minister,

The Honourable Ministers of Health,

Chief Public Health Officer of Canada,

Chief Provincial Medical and Public Health Officers,

I am a physician and epidemiologist who has worked at the University of British Columbia, University of Washington, WHO, UNDP, and UNICEF.

Please see the attached 11th situation report of **predictions of the COVID-19 epidemic trajectory in Canada at the national and province levels** in the next three months

trajectory in Canada at the national and province levels in the next three months.

I have created and shared these summary situation reports for Canada and provinces using the results of five international and periodically updated COVID-19 epidemic studies since July 2021, with recent addition of the PHAC-McMaster model since September 2021.

The objective is to *facilitate* the review of the predictions of the COVID-19 epidemic models for the technical advisors to the decision-makers.

All the material is available at https://github.com/pourmalek/CovidVisualizedCountry.

Thank you,

Farshad Pourmalek

1604-9541 Erickson Dr, Burnaby, BC V3J 7N8

pourmalek_farshad@yahoo.com

604-771-6935

20 Iran COVID...28.pdf

19 Iran COVID...23.pdf

07 Global COVID...23.pdf