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Subject: To the NFPs and OCPs for Action: provide information on current/recent activities and outputs related to infectious diseases modelling of COVID-19-related topics

Dear Operational Contact Points for COVID-19 and Influenza,
 Dear National Focal Points for Influenza,

Cc: National Coordinators

We would like to ask you please provide a short set of information about **current/recent activities** and outputs of the public domain related infectious diseases modelling in your country. We would greatly appreciate if you can provide information in the table below about the current activities on four COVID-19-related topics:

- **nowcast of time-dependent reproductive number;**
- **mid-term/long-term projections of COVID-19 epidemic;**
- **non-pharmaceutical interventions (NPIs) effectiveness;**
- **and any generic work on projection and scenario of control.**

We would be grateful for receiving any link to a webpage, a report in native language, or a link to a database or dashboard presenting the data. We are following closely such topics through monitoring of the scientific literature and public national and public websites, but it is challenging to be sure that our coverage is exhaustive. Therefore, your knowledge and help on this matter would be greatly appreciated. As this information is valuable for all experts working on these subjects, we would circulate back to the all of you a consolidated table with the full information shared. We would also like to highlight that this information will partly address indicator 3.17 in the [ECDC COVID-19 Monitoring Framework](#).

| Topic | Type of outputs | URL |
|---|---|--|
| Now casting of time-dependent reproductive number [r(t)] | <i>Example: report, webpage, online database, ...</i> | <i>Please provide source URL / webpage</i> |
| Mid-term/long-term projections | <i>Example: report, webpage, online database, ... This can cover any type of indicators such as num. case, num. death, num. of hospitalisation/ICU, num. of new admission of bed occupancy ...</i> | <i>Please provide source URL / webpage</i> |
| Non-pharmaceutical interventions (NPIs) effectiveness | <i>Example: report, webpage, pre-print addressing effectiveness in our country ...</i> | <i>Please provide source URL / webpage</i> |
| Generic work on projection and scenario of control | <i>Example: This corresponds for instance to a report or any web-resources assessing/analysing the potential global evolution under various scenario with or without cross-sectorial impact assessment.</i> | <i>Please provide source URL / webpage</i> |

Thank you for your consideration for these questions. Please send us back this short table by email to the following ECDC email box, 5.1.2e@ecdc.europa.eu, if possible **before the 18 August 2020**.

Any update later would be welcome too, and please do not hesitate to contact us in case of any questions.

With best wishes,

The ECDC COVID-19 Team



European Centre for Disease Prevention and Control (ECDC)

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