Governance of the Covid-19 response: a call for more inclusive and transparent decision-making

Dheepa Rajan, Kira Koch, Katja Rohrer, Csongor Bajnoczki, Anna Socha, Maike Voss, Marjolaine Nicod, Valery Ridde, Justin Koonin

INTRODUCTION
As SARS-COV-2 (severe acute respiratory syndrome coronavirus 2) ravages the globe, heads of state are making swift decisions to put large swathes of the world’s population under mass isolation in the race to heed off Covid-19’s lethality, particularly in certain population subgroups. How are these decisions—that affect each and every one of us, some groups disproportionately and regardless of Covid-19 status—made? How far have policy makers and politicians consulted those who have experience and expertise on the secondary effects of lockdowns, social isolation measures and movement restrictions?

We attempted to address these questions with a rapid analysis of 24 countries’ Covid-19 task force compositions. The countries were selected to represent a range of geographies and income levels. As far as possible, we focused on governance bodies set up or activated to give scientific, or evidence-based, advice to national decision makers. In some countries, the advisory and decision-making bodies were one and the same, often taking the form of government-only interministerial committees. We excluded committees which were established to focus on a specific area, for example, research related to vaccination; rather, we examined committees whose explicit mandate (based on available information) was to provide advisory guidance on the overall national response.

We scanned publicly available documentation from government websites, media articles, and in specific cases, contacted our networks in governments and health ministries for official documentation. We then researched the task force members’ backgrounds and triangulated from different sources to classify them based on their current professional role or area of specialisation. Experts were thus categorised based on the principal reason for their appointment to the task force. For example, a physician with a current public health role would be classified as a public health specialist and not a clinician, the assumption being that their current role is most relevant for the task force. The ‘government’ or ‘Ministry of Health’ category was allocated to career civil servants, that is, posts which are usually filled by generalists rather than specialists. Most other task force members, including public health institute staff, were categorised according to their expertise since the rationale for their task force membership is their specific skill set.

Summary box
► Not all countries make their Covid-19 task force membership list public—the available information varies by country.
► There is currently a predominance of politicians, virologists and epidemiologists in the Covid-19 response at the country level.
► Experts on non-Covid-19 health, social and societal consequences of Covid-19 response measures are, for the most part, not included in Covid-19 decision-making bodies.
► There is little transparency regarding whom decision-making bodies are consulting as their source of advice and information.
► From the available data on Covid-19 decision-making entities, female representation is particularly paltry.
► In addition, civil society is hardly involved in national government decision-making nor its response efforts, barring some exceptions.
► We need to be more inclusive and multidisciplinary: the Covid-19 crisis is not simply a health problem but a societal one—it impacts every single person in society one way or another.
► Decision makers need to address more systematically the suffering from mental illness exacerbations, domestic violence, child abuse, child development delays, chronic diseases and so on, during lockdown.
(mathematical modeller, virologist, etc) rather than their institutional affiliation.

At least two coauthors independently categorised the task force members and crosschecked categorisations with each other.

HOW INCLUSIVE AND TRANSPARENT IS COVID-19 DECISION-MAKING?
We highlight a number of key issues, some very worrying, made evident by table 1:

1. ‘Evidence’ seems to be largely understood to mean research-based evidence, and not necessarily experiential, implementation-based evidence from the field

The vast majority of Covid-19 response task force members are from reputed universities and government institutes where rigorous research is conducted in the classical sense, often under clinical trial or laboratory conditions. Information and evidence on the lived experiences and everyday challenges faced by the various groups in society who are (at times, severely) affected by isolation measures seem to be altogether overlooked in the urgency of the current situation.

2. Among researchers, mainly virologists and epidemiologists seem to be consulted, leaving out other health and also non-health experts

Most countries acknowledge the need for government to work jointly with the medical (and public health) community in the national Covid-19 response. However, mainly virologists and epidemiologists seem to be consulted, largely leaving out specialists in areas such as mental health, child health, chronic diseases, preventive medicine, gerontology, not to mention experts in non-health spheres.

Social isolation measures have enormous secondary effects beyond the primary aim of curbing viral spread. These effects go far beyond health (discussed below). But even within the health space, the consequences of not accessing, or inadequately accessing, basic essential services for a wide range of non-Covid-19-related conditions do not seem to have been sufficiently considered.

3. When the task force is government-only, more non-health sectors seem to be represented, but at the detriment of non-government expertise

Still, some countries’ Covid-19 task forces are government-only. In those cases, there at least seems to be a stronger presence of non-health sectors, although to the detriment of non-government expertise.

In a number of countries, Covid-19 task forces consist of high-level government cadres only, combining the advisory and decision-making elements into one. Medical and epidemiological expertise seems to come from government health institutions, but it is not always clear who is being consulted beyond government.

A multiministry task force at least theoretically brings in concerns from other sectors such as education, economy, interior, and so on, potentially raising serious issues in terms of, for example, child development (relevant to decisions on school closures, for example), loss of livelihoods (particularly relevant in low-income countries and those with large social inequalities and no social safety net), and further marginalisation of migrants and illegal workers (who often have nowhere to isolate to). However, how far these concerns are actually taken into consideration is impossible to discern without more transparency with regard to the content of deliberations and potential consultations with external parties.

4. Civil society and community groups do not seem to be consulted at all

In addition to civil society and community groups not being engaged in primary discussions, neither are social workers, child development specialists, human rights lawyers, and many other people whose experiential and vocational expertise are particularly relevant in terms of societal rights, and groups affected by isolation measures. The WHO weekly Covid-19 situation update from 15 April mentions that only 36% of member states reported having a Covid-19 community engagement plan. In addition, a majority of the 175 civil society respondents from 56 countries confirmed in a recent rapid survey of the UHC2030 Alliance’s Civil Society Engagement Mechanism that most of their Covid-19 response work was, indeed, independent of the government. Results and methodology of the survey can be found here.

Vulnerable groups such as the disabled, single mothers, people in abusive family relationships and the elderly bear the burden of the negative consequences of isolation and loneliness, potentially threatening the social fabric of society. Civil society organisations, community groups, social workers, nurse-caregivers and many other groups are at the front lines with this broad cross-section of society clearly affected by the far-reaching effects of mass isolation. Civil society can also raise awareness on existing social inequalities which are usually exacerbated in crisis situations, leaving many to feel that ‘self-isolation is a privilege for the rich’. If there is one thing that we should learn from another virus-based crisis (HIV), it is that the population, communities and civil society are an integral part of the crisis solution.

5. Women are a minority in Covid-19 task forces, and are not represented at all in some

The Women in Global Health movement has already lamented the abysmally low proportion of women represented in global Covid-19 response efforts. Besides some notable exceptions, the same low percentages of female experts are seen across the national task forces we rapidly reviewed, with some task forces even being all male. Women’s perspectives and expertise clearly seem to be heard less often than male colleagues, even while...
### Table 1 Covid-19 task forces set up to advise national governments

<table>
<thead>
<tr>
<th>Country</th>
<th>Name of task force convened or activated for Covid-19 response</th>
<th>Composition of task force by member expertise</th>
<th>Gender distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Argentina</strong></td>
<td>Expert Committee (El comité de expertos)</td>
<td><img src="null" alt="5 Government officials" /> <img src="null" alt="2 Ministry of Health officials" /> <img src="null" alt="6 Infectious disease specialists" /> <img src="null" alt="1 Epidemiologist" /> <img src="null" alt="1 Public health specialist" /></td>
<td>12 M; 3 F</td>
</tr>
<tr>
<td><strong>Belgium</strong></td>
<td>Scientific Committee Coronavirus (Comité scientifique Coronavirus)</td>
<td><img src="null" alt="3 Infectious disease specialists" /> <img src="null" alt="1 Epidemiologist" /> <img src="null" alt="1 Laboratory specialist" /></td>
<td>2 M; 3 F</td>
</tr>
<tr>
<td><strong>Burkina Faso</strong></td>
<td>Name unknown</td>
<td><img src="null" alt="1 Ministry of Health official" /> <img src="null" alt="4 Infectious disease specialists" /> <img src="null" alt="2 Epidemiologists" /> <img src="null" alt="3 Public health specialists" /> <img src="null" alt="2 Other medical specialists" /> <img src="null" alt="1 Communication specialist" /> <img src="null" alt="1 Private sector" /></td>
<td>14 M; 5 F</td>
</tr>
<tr>
<td><strong>Chad</strong></td>
<td>Scientific Committee for Covid-19 (Comité Scientifique Covid-19)</td>
<td><img src="null" alt="1 Ministry of Health official" /> <img src="null" alt="7 Infectious disease specialists" /> <img src="null" alt="1 Epidemiologist" /> <img src="null" alt="1 Laboratory specialist" /> <img src="null" alt="8 Public health specialists" /> <img src="null" alt="2 Intensive Care specialists" /> <img src="null" alt="12 Other medical specialists" /></td>
<td>33 M; 4 F</td>
</tr>
<tr>
<td><strong>Chile</strong></td>
<td>Advisory Board of Ministry of Health for Covid-19 (Consejo Asesor del MINSAL por Covid-19)</td>
<td><img src="null" alt="2 Ministry of Health officials" /> <img src="null" alt="1 Infectious disease specialist" /> <img src="null" alt="3 Public health specialists" /> <img src="null" alt="1 Other medical specialist" /></td>
<td>3 M; 4 F</td>
</tr>
<tr>
<td><strong>China</strong></td>
<td>Central Leading Group on Responding to the Novel Coronavirus Disease Outbreak</td>
<td><img src="null" alt="9 Government officials" /></td>
<td>8 M; 1 F</td>
</tr>
<tr>
<td><strong>France</strong></td>
<td>Scientific council Covid-19 (Conseil scientifique Covid-19)</td>
<td><img src="null" alt="4 Infectious disease specialists" /> <img src="null" alt="1 Epidemiologist" /> <img src="null" alt="1 Mathematical modelling specialist" /> <img src="null" alt="1 Intensive Care specialist" /> <img src="null" alt="3 Public health specialists" /></td>
<td>8 M; 2 F</td>
</tr>
<tr>
<td></td>
<td>Analysis, research and expertise committee (Comité analyse, recherche et expertise (CARE))</td>
<td><img src="null" alt="6 Infectious disease specialists" /> <img src="null" alt="1 Mathematical modelling specialist" /> <img src="null" alt="2 Laboratory specialists" /> <img src="null" alt="2 Other medical specialists" /></td>
<td>7 M; 5 F</td>
</tr>
<tr>
<td><strong>Germany</strong></td>
<td>Interministerial crisis unit (Krisenstab)</td>
<td><img src="null" alt="Government officials from six different ministries" /></td>
<td>Unknown</td>
</tr>
<tr>
<td><strong>Guinea</strong></td>
<td>Scientific council on pandemic response to coronavirus disease (Covid-19) (Conseil scientifique de riposte contre la pandémie de la maladie à coronavirus (Covid-19))</td>
<td><img src="null" alt="2 Infectious disease specialists" /> <img src="null" alt="1 Epidemiologist" /> <img src="null" alt="1 Laboratory specialist" /> <img src="null" alt="3 Public health specialists" /></td>
<td>14 M; 3 F</td>
</tr>
<tr>
<td><strong>Haiti</strong></td>
<td>Scientific committee to combat coronavirus (Cellule scientifique pour lutter contre le coronavirus)</td>
<td><img src="null" alt="1 Ministry of Health official" /> <img src="null" alt="2 Infectious disease specialists" /> <img src="null" alt="1 Epidemiologist" /> <img src="null" alt="1 Laboratory specialist" /></td>
<td>12 M; 2 F</td>
</tr>
<tr>
<td><strong>Hungary</strong></td>
<td>Coronaviral Defence Operational Staff (Koronavírus-járvány Édekezésészért Felelős Operatív Törzsa)</td>
<td><img src="null" alt="11 Government officials" /> <img src="null" alt="3 Ministry of Health officials" /> <img src="null" alt="1 Infectious disease specialist" /></td>
<td>14 M; 1 F</td>
</tr>
</tbody>
</table>

Continued
<table>
<thead>
<tr>
<th>Country</th>
<th>Name of task force convened or activated for Covid-19 response</th>
<th>Composition of task force by member expertise</th>
<th>Gender distribution</th>
</tr>
</thead>
</table>
| Italy             | Operational Committee on Coronavirus for Civil Protection (Comitato operativo sul Coronavirus alla Protezione Civile)         | ▶ 6 Government officials  
▶ 1 Ministry of Health official  
▶ 4 Ministry of Health officials  
▶ 2 Infectious disease specialists  
▶ 1 Public health specialist | 7 M; 0 F |
|                   | Scientific Technical Committee (Comitato Tecnico Scientifico)                                                                 | ▶ 2 Government officials  
▶ 2 Ministry of Health officials  
▶ 2 Infectious disease specialists  
▶ 5 Epidemiologists  
▶ 1 Mathematician  
▶ 4 Public health specialists  
▶ 1 Social scientist  
▶ 12 Data management specialists  
▶ 4 Statisticians  
▶ 1 Physicist  
▶ 1 Civil engineering expert  
▶ 1 Digital health expert  
▶ 1 Chemist  
▶ 1 Information systems expert  
▶ 13 Economists  
▶ 3 Computer science experts  
▶ 1 Communication technology expert  
▶ 3 Digital transformation experts  
▶ 2 Emergency management experts  
▶ 11 Lawyers  
▶ 1 Unknown | 56 M; 18 F |
| Italy             | Task force tech anti Covid-19                                                                                                 | ▶ 2 Government officials  
▶ 2 Ministry of Health officials  
▶ 2 Infectious disease specialists  
▶ 1 Epidemiologist  
▶ 1 Mathematician  
▶ 1 Social scientist  
▶ 12 Data management specialists  
▶ 4 Statisticians  
▶ 1 Physicist  
▶ 1 Civil engineering expert  
▶ 1 Digital health expert  
▶ 1 Chemist  
▶ 1 Information systems expert  
▶ 3 Computer science experts  
▶ 1 Communication technology expert  | 56 M; 18 F |
| Kenya             | National Emergency Response Committee                                                                                          | ▶ 17 Government officials  
▶ 4 Ministry of Health officials | 15 M; 6 F |
| Mali              | Crisis Committee (Le Comité de crise)                                                                                           | ▶ 2 Governmental officials  
▶ 2 Ministry of Health officials  
▶ 1 Infectious disease specialist  
▶ 2 Laboratory specialists  
▶ 4 Public health specialists  
▶ 1 Other medical specialist | 12 M; 0 F |
| Malawi            | Scientific and Technical Committee of the National Public Health Institute (Comité Scientifique et Technique de l’Institut National de Santé Publique -INSP) | ▶ 5 Infectious disease specialists  
▶ 1 Public health specialist  
▶ 1 Other medical specialist  
▶ 1 Agronomist  
▶ 1 Ecologist  
▶ 1 Nutritionist | 9 M; 1 F |
| Philippines        | Inter-Agency task force                                                                                                       | ▶ 2 Government officials  
▶ 2 Ministry of Health officials | 4 M; 0 F |
| Philippines        | National task force Covid-199 (National Disaster Risk Reduction and Management Council - NDRRMC)                             | ▶ 4 Government officials | 4 M; 0 F |
| Portugal           | Task force Covid-19                                                                                                           | ▶ 13 Infectious disease specialists  
▶ 10 Epidemiologists  
▶ 12 Public health specialists  
▶ 1 Intensive Care specialist  
▶ 5 Other medical specialists  
▶ 1 Chemist  
▶ 2 Communication specialists  
▶ 25 Unknown | 26 M; 42 F |
| Portugal           | National Public Health Council (Conselho Nacional de Saúde Pública)                                                          | ▶ 2 Government officials  
▶ 2 Ministry of Health Officials  
▶ 5 Infectious disease specialists  
▶ 1 Epidemiologist  
▶ 2 Public health specialists  
▶ 1 Other medical specialist  
▶ 1 Pharmacist  
▶ 2 Lawyers  
▶ 1 Private sector  
▶ 2 CSO | 14 M; 6 F |
| Singapore          | Multi-Ministry Taskforce on Wuhan Coronavirus                                                                                 | ▶ 10 Government officials  
▶ 1 Ministry of Health official | 10 M; 1 F |
the majority of front-line health staff fighting the crisis is female.  

### 6. More transparency is needed on who is taking decisions and how

We took great pains to scan a broad variety of websites, newspapers and government documents in several languages within a short amount of time. Still, information on (1) Who is making far-reaching decisions on an unprecedented global and national crisis? (2) How decision makers are reaching their conclusions (ie, who else are they reaching out to for advice)? (3) Which exact positions advisers had? was not always easy to come by. There are signs that some countries’ governments and/or Covid-19 task forces are indeed consulting with outside parties relevant to the secondary consequences of long-term isolation but this information is generally not clear and transparent.

Table 1 Continued

<table>
<thead>
<tr>
<th>Country</th>
<th>Name of task force convened or activated for Covid-19 response</th>
<th>Composition of task force by member expertise</th>
<th>Gender distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Korea</td>
<td>Central Disease Control Headquarters (KCDC)</td>
<td>➤ Led by Jung Eun-Kyong (Director)</td>
<td>1 F, unknown</td>
</tr>
<tr>
<td></td>
<td>Central Disaster and Safety Countermeasures Headquarters</td>
<td>➤ Led by the Prime Minister (Chung Sye-kyun)</td>
<td>1 M, unknown</td>
</tr>
<tr>
<td></td>
<td>Central Incidence Management System for Novel Coronavirus Infection</td>
<td>➤ Led by Minister of Health and Welfare (Park Neung-hoo)</td>
<td>1 M, unknown</td>
</tr>
<tr>
<td></td>
<td>Central Disaster Management Headquarters</td>
<td>➤ Led by Ministry of Health and Welfare (Park Neung-hoo)</td>
<td>1 M, unknown</td>
</tr>
<tr>
<td></td>
<td>Government-wide Support Centre</td>
<td>➤ Led by Ministry of Public Administration and Security</td>
<td>1 M, unknown</td>
</tr>
<tr>
<td></td>
<td>Local Disaster and Safety Countermeasures Headquarters (local municipal governments nationwide)</td>
<td>➤ Led by the head of the local government</td>
<td>Unknown</td>
</tr>
<tr>
<td></td>
<td>Local quarantine task force (local municipal governments nationwide)</td>
<td>➤ Led by the head of the local government</td>
<td>Unknown</td>
</tr>
<tr>
<td>Spain</td>
<td>Scientific Technical Committee Covid-19 (Comité Científico Técnico Covid-19)</td>
<td>➤ 3 Infectious disease specialists</td>
<td>3 M; 3 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 3 Epidemiologists</td>
<td></td>
</tr>
<tr>
<td>Switzerland</td>
<td>Science Task Force</td>
<td>➤ 6 Infectious disease specialists</td>
<td>12 M; 4 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 2 Epidemiologists</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Mathematical modelling specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Laboratory specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 2 Public health specialists</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Environmental engineering expert</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Computer science expert</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Economist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Bioethics expert</td>
<td></td>
</tr>
<tr>
<td>Thailand</td>
<td>National committee for controlling the spread of Covid-19</td>
<td>➤ 26 Government officials</td>
<td>28 M; 0 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 2 Ministry of Health officials</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 9 Ministry of Health officials</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>New and Emerging Respiratory Virus Threats Advisory Group (NERVTAG)</td>
<td>➤ 9 Infectious diseases specialists</td>
<td>14 M; 2 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Epidemiologists</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 2 Mathematical modelling specialists</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Public health specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Intensive Care specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Sociologist</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Advisory Committee on Dangerous Pathogens (ACDP)</td>
<td>➤ 1 Government official</td>
<td>13 M; 3 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 12 Infectious disease specialists</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Mathematical modelling specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Public health specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Other medical specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint Committee on Vaccination and Immunisation (JCVI)</td>
<td>➤ 19 Infectious disease specialists</td>
<td>12 M; 9 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Other medical specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Lay member (unknown)</td>
<td></td>
</tr>
<tr>
<td>USA</td>
<td>White House Coronavirus Task Force</td>
<td>➤ 19 Government officials</td>
<td>21 M; 2 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 1 Ministry of Health official</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>➤ 3 Infectious disease specialists</td>
<td></td>
</tr>
</tbody>
</table>
In addition, transparency on selection criteria for the task forces themselves is needed to better understand the weight given to the different aspects of the outbreak.

**CONCLUSION**

We acknowledge that the information may not be complete, nor completely up to date, given the extremely fast-paced dynamic of the Covid-19 outbreak as well as response measures. We also recognise that Covid-19 task force compositions are not the sole indication of whose voices are included in decision-making. Through the fairly broad range of (mostly) publicly available information analysed, we attempted to understand which groups the task forces were reaching out to within the scope of a rapid analysis. In general, protocols, reports, minutes of task force meetings and lists of externally consulted parties were simply not easily available. Nevertheless, we feel that the broad conclusions we take based on our rapid (but imperfect) analysis still hold based on the information we were able to access. The table above displays the list of countries and their available task force information.

Governments must recognise the multidimensional effects and needs of society during this Covid-19 crisis and consult more broadly and across disciplines, within health and beyond health, based on a true multisectoral paradigm. More importantly, more transparency is needed regarding who decision-making bodies are listening to as a basis for their decisions. Now more than ever, the voices of those who are at risk of getting left behind need to be heard. In the end, we must ensure that we do not do more harm than good with the measures in place to protect our at-risk populations.

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**Contributors**

DR wrote the first draft of the article. DR, KK, KR, CB, AS, MV, VR collected and analysed data. MN and JK revised and edited the article. All authors agreed on the final version.

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**REFERENCES**

Gemeinsamer Krisenstab BMI / BMG fällt weitere Beschlüsse:

Federal Ministry of the Interior for construction and home Germany
Pr


Installation Du comité Public V

Ministry of Health Chile. Pr
, Ministry of Health Consumption and Social Welfare South Korea. Quarantine system: their-
meuble-


Federal Ministry of the Interior Hungary. Ulésezik a Koronavírus-


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