

CoronaNet Research Project

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<https://coronanet-project.org>

CoronaNet COVID-19 Government Response Database

Database of government policy actions directed toward addressing the COVID-19 pandemic. Data collection began on March 28, 2020.

- Current Coverage
 - 193 countries
 - 6,816 policy events
 - Time range: December 31, 2019 to present (with a 5 day lag)
- Availability
 - Publicly available at <https://coronanet-project.org>
 - Updated daily with a 5-day lag for record validity checking
- Collaborators
 - Project Investigators (PIs): Joan Barceló, Cindy Cheng, Allison Spencer Hartnett, Robert Kubinec, Luca Messerschmidt
 - Over 200 Research Assistants across 18 time zones

CoronaNet Database

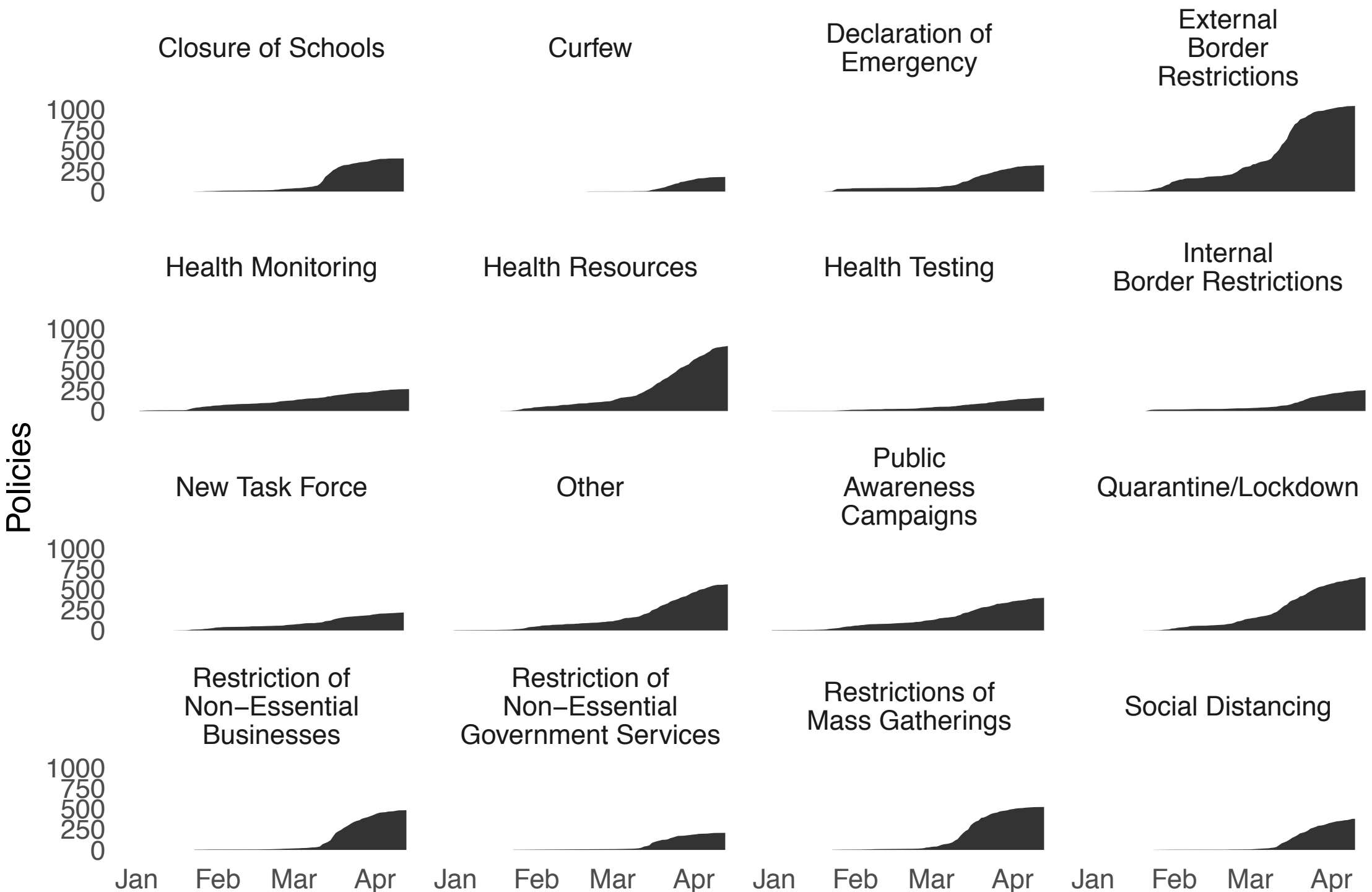
Variables

- The type of government policy implemented (e.g. quarantine, closure of schools [16 total])
- The level of government initiating the action (e.g. national, provincial)
- The geographical target of the policy action, if applicable (e.g. national, provincial, municipal)
- The human or material target of the policy action, if applicable (e.g. travelers, health staff)
- The directionality of the policy action, if applicable (e.g. inbound, outbound, both)
- The mechanism of travel that the policy action targets, if applicable (e.g. flights, trains)
- The compliance with the policy action (e.g. mandatory, voluntary)
- The enforcer of the policy action (e.g. national government, military)
- The timing of the policy action (e.g. date announced, date implemented)

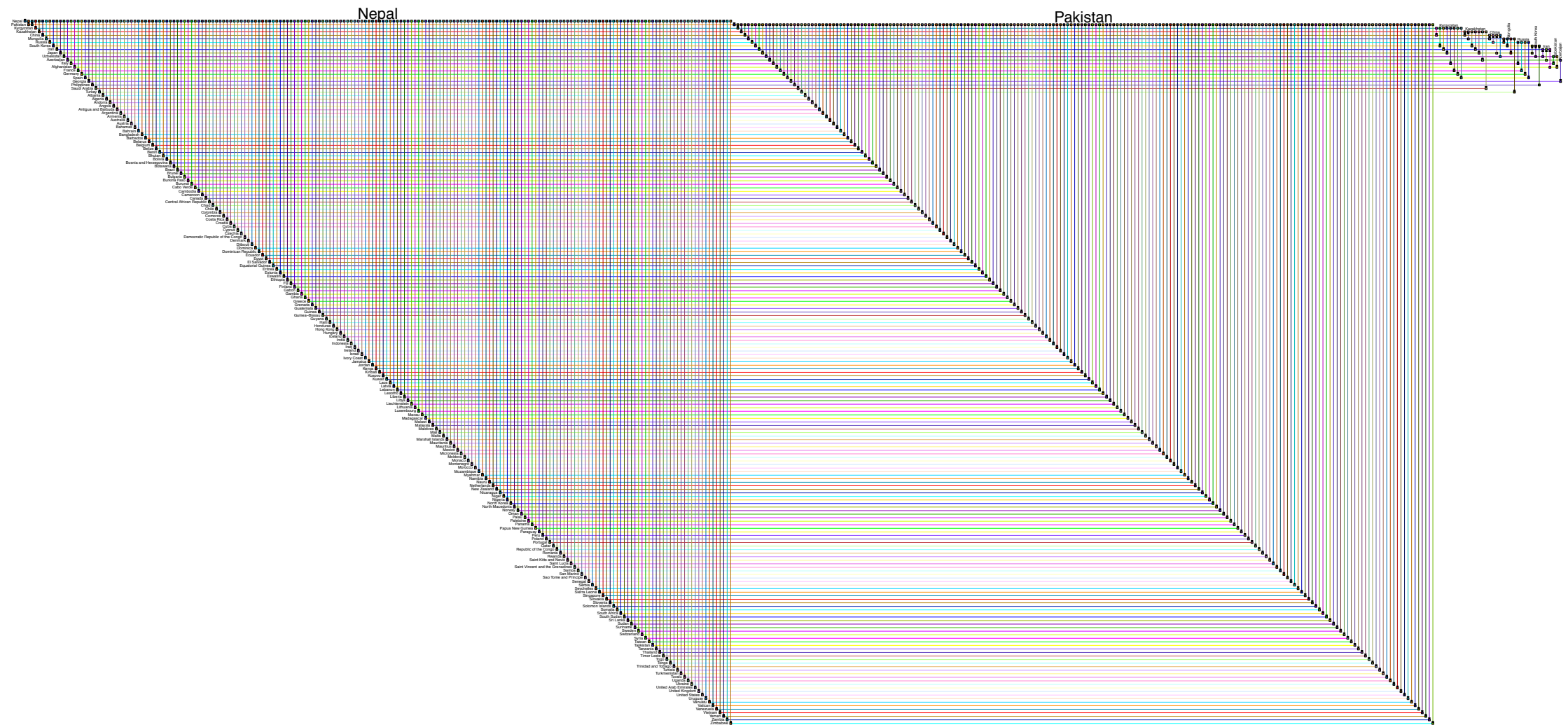
Type	Total Number of Policies	Number of Countries	Number of Targeted Countries	% With Mandatory Enforcement
Closure of Schools	1250	157	3	86
Curfew	177	88	21	97
Declaration of Emergency	320	109	1	82
External Border Restrictions	4061	178	201	90
Health Monitoring	610	100	198	75
Health Resources	1358	130	127	54
Health Testing	253	76	100	77
Internal Border Restrictions	259	105	95	87
New Task Force or Bureau	218	90	1	49
Other Policy Not Listed Above	560	120	1	61
Public Awareness Campaigns	396	115	1	24
Quarantine/Lockdown	2845	145	202	80
Restriction of Non-Essential Businesses	1247	125	1	92
Restriction of Non-Essential Government Services	207	84	1	83
Restrictions of Mass Gatherings	522	149	2	86
Social Distancing	382	113	2	72

Distribution of key variables

Cumulative Incidence of Policy Event Types over time



Network Map of Bans on Inbound Flights by Asian Countries as of March 15, 2020



Methodology

Pre-Data Collection

Customized Qualtrics survey instrument to document COVID-19 policies

Research Assistant (RA) training for using Qualtrics instrument

Automated collection of more than 200,000 COVID-19 news articles worldwide

Data Collection

Research Assistant documents COVID-19 policies in survey instrument

Use of Slack for RAs and PIs to provide feedback about documenting policies

Post-Data Collection

Raw data cleaned for logical inconsistencies and typographical errors

Multiple Coding Validation of 10% of collected data

Thank you

For more information, please contact:

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