
Supplementary information

**Effect of non-pharmaceutical interventions
to contain COVID-19 in China**

In the format provided by the
authors and unedited

Shengjie Lai[✉], Nick W. Ruktanonchai[✉], Liangcai Zhou, Olivia Prosper, Wei Luo, Jessica R. Floyd, Amy Wesolowski, Mauricio Santillana, Chi Zhang, Xiangjun Du, Hongjie Yu & Andrew J. Tatem[✉]

Supplementary Information

Data sources of COVID-19 cases

The daily and total number of COVID-19 cases reported by province and city across China as of February 29, 2020, were obtained from the websites of national and local health authorities, the Sina News (https://news.sina.cn/zt_d/yiqing0121). The data of dates of travelling from Wuhan, illness onset, first medical visit, reporting of the first index case of each county were collated from the following websites, and also detailed in previous publications.¹⁻³

- http://gx.sina.com.cn/news/gx/2020-01-24/detail-iihnzhha4423379.shtml?from=gx_cnxh
- <http://hc.jiangxi.gov.cn/doc/2020/01/22/137549.shtml>
- http://news.china.com.cn/2020-01/23/content_75643380.htm
- http://news.china.com.cn/txt/2020-01/23/content_75642508.htm
- <http://news.cnstock.com/news,bwqx-197001-4480536.htm>
- <http://news.workercn.cn/32843/202001/23/200123115628638.shtml>
- <http://news.xmnn.cn/xmnn/2020/01/22/100656796.shtml>
- <http://news.xmnn.cn/xmnn/2020/01/22/100656796.shtml> and <https://m.weibo.cn/status/4464259805726673?>
- http://wjw.hunan.gov.cn/wjw/xxgk/gzdt/zyxw_1/202001/t20200122_11163560.html
- http://wjw.jiangsu.gov.cn/art/2020/1/23/art_7290_8955651.html
- <http://wjw.nmg.gov.cn/doc/2020/01/24/284997.shtml>
- <http://wsjkw.cq.gov.cn/tzgg/20200121/249730.html>
- http://wsjkw.gd.gov.cn/zwyw_yqxx/content/post_2876057.html
- http://wsjkw.gd.gov.cn/zwyw_yqxx/content/post_2877668.html
- <http://wsjkw.hlj.gov.cn/index.php/Home/Zwgk/show/newsid/7698/navid/42/id/3>
- <http://wsjkw.km.gov.cn/c/2020-01-22/3267609.shtml>
- <http://wsjkw.sh.gov.cn/xwfb/20200121/8fa3da87b0014c9db1308c76cbfe835f.html>
- <http://www.bbtnews.com.cn/2020/0122/333568.shtml>
- <http://www.bjnews.com.cn/news/2020/01/22/677946.html>
- <http://www.bjnews.com.cn/news/2020/01/22/678127.html>
- <http://www.bjnews.com.cn/news/2020/01/24/678809.html>
- <http://www.bjnews.com.cn/news/2020/01/24/679099.html>
- <http://www.chinanews.com/sh/2020/01-23/9067672.shtml>
- http://www.cs.com.cn/xwzx/hg/202001/t20200121_6019199.html
- http://www.fcgs.gov.cn/wjw/zwgk/202001/t20200125_93696.html
- <http://www.hebwst.gov.cn/index.do?id=394856&templet=content&cid=1>

- <http://www.nhc.gov.cn/yjb/s3578/202001/930c021cdd1f46dc832fc27e0cc465c8.shtml>
- <http://www.nnews.net/yaowen/p/3021969.html>
- http://www.sohu.com/a/368573184_120214181
- http://www.sohu.com/a/368942353_114988
- http://www.xinhuanet.com/world/2020-01/24/c_1125498544.htm
- <https://baijiahao.baidu.com/s?id=1656387834433173903&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656427296749156119&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656529973714798234&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656578420184524801&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656593400736651054&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656594579983530961&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656603308265312741&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656603487332867925&wfr=spider&or=pc>
- <https://baijiahao.baidu.com/s?id=1656609616249630455&wfr=spider&or=pc>
- <https://cbgc.scol.com.cn/news/219477>
- <https://focustaiwan.tw/society/202001245001>
- <https://m.weibo.cn/status/4464245485576951?>
- https://mp.weixin.qq.com/s/mgFNlaqPMB-_vwNvLRKQmw
- <https://mp.weixin.qq.com/s/Y6KDD39wR8JLonG-N2kJHg>
- <https://new.qq.com/omn/20200125/20200125A01X9500.html>
- <https://new.qq.com/omn/20200125/20200125A06DOX00.html>
- <https://news.163.com/special/epidemic/?spssid=7283291fcdba1d8c2d13ee3da2cfb760&spsw=7&spss=other>
- <https://pr.moph.go.th/?url=pr/detail/2/04/137232/>
- <https://pr.moph.go.th/?url=pr/detail/2/04/137484/>
- <https://tech.sina.com.cn/roll/2020-01-22/doc-iihnzakh5804410.shtml>
- <https://www.cdc.gov/media/releases/2020/p0121-novel-coronavirus-travel-case.html>
- <https://www.channelnewsasia.com/news/asia/wuhan-virus-malaysia-confirms-first-3-cases-all-patients-related-12331172>
- <https://www.channelnewsasia.com/news/singapore/wuhan-virus-pneumonia-singapore-confirms-first-case-12312860>

- <https://www.info.gov.hk/gia/general/202001/21/P2020012100842.htm> and <https://focustaiwan.tw/society/202001210019>
- https://www.mhlw.go.jp/stf/newpage_09079.html
- https://www.mhlw.go.jp/stf/newpage_09100.html
- <https://www.moh.gov.sg/news-highlights/details/two-more-cases-of-confirmed-imported-case-of-novel-coronavirus-infection-in-singapore>
- <https://www.pbs.org/newshour/health/cdc-confirms-second-u-s-case-of-novel-coronavirus-in-chicago>
- <https://www.scmp.com/news/asia/east-asia/article/3047463/china-coronavirus-japan-confirms-second-case-health-ministry>
- <https://www.scmp.com/news/hong-kong/health-environment/article/3047193/china-coronavirus-first-case-confirmed-hong-kong>
- https://www.sinchew.com.my/content/content_2205270.html
- <https://www.theguardian.com/science/2020/jan/25/coronavirus-five-people-in-nsw-being-tested-for-deadly-disease>
- <https://www.thelancet.com/pb-assets/Lancet/pdfs/S0140673620301549.pdf>
- https://www.thepaper.cn/newsDetail_forward_5610903
- https://www.thepaper.cn/newsDetail_forward_5639569
- https://www.washingtonpost.com/world/coronavirus-china-live-updates/2020/01/24/4e678f9c-3e03-11ea-afe2-090eb37b60b1_story.html
- <https://www.who.int/csr/don/14-january-2020-novel-coronavirus-thailand-ex-china/en/>
- <https://www.who.int/csr/don/17-january-2020-novel-coronavirus-japan-ex-china/en/>
- <https://www.who.int/csr/don/21-january-2020-novel-coronavirus-republic-of-korea-ex-china/en/>

Reference

- 1 Novel Coronavirus Pneumonia Emergency Response Epidemiology Team. The epidemiological characteristics of an outbreak of 2019 novel coronavirus diseases (COVID-19) in China. *Chinese Journal of Epidemiology* **41**, 145-151 (2020).
- 2 Zhang, J. *et al.* Evolving epidemiology of novel coronavirus diseases 2019 and possible interruption of local transmission outside Hubei Province in China: a descriptive and modeling study. *medRxiv*, 2020.2002.2021.20026328 (2020).
- 3 Lai, S. *et al.* Preliminary risk analysis of 2019 novel coronavirus spread within and beyond China <https://www.worldpop.org/events/china> (2020).