

Literature supporting the public health approach to pandemic control focused on reducing community spread:

The public health approach to pandemic control focused on reducing community spread is supported by a vast literature, only a very small fraction of which is cited here.

Specific areas of emphasis include:

- Theory (Trump), empirical analyses (Fong, Ryu, Xiao, Bueno), historical analyses (Markel, Wilder-Smith, Webster, Morens, Rainey), and modeling (Anderson) going back a century (Stoto)
- Analyses of COVID-19
 - Epidemiologic characteristics, e.g. timing of infection, routes of transmission, etc. (NASEM, ECDC)
 - Empirical analyses of COVID-19 control interventions in the U.S. (Castillo, Auger, Sen, Courtemanche) and abroad (Cowling, Cowling & Lim, Han, Flaxman, Hao, Liu, Pan, Lai)
- Scientific consensus (Fineberg, Alwan, Leung, Christakis)
- Broadly consistent with recommendations by a variety of organizations
 - White House/CDC Opening up America guidelines
 - AEI, CAP, NGA, AAMC, Hopkins, Leopoldina

Complete citations are as follows:

(AAMC) Association of American Medical Colleges, The Way Forward On COVID-19: A Road Map to Reset the Nation's Approach to the Pandemic, Jul 30, 2020, <https://www.aamc.org/covidroadmap>

(AEI) American Enterprise Institute, National Coronavirus Response: A Road Map to Reopening, March 28, 2020. <https://www.aei.org/research-products/report/national-coronavirus-response-a-road-map-to-reopening/>

Alwan, N. A., Burgess, R. A., Ashworth, S., *et al.*, (2020). Scientific consensus on the COVID-19 pandemic: we need to act now. *Lancet*, 396(10260), e71–e72.

Anderson, R. M., Heesterbeek, H., Klinkenberg, D., & Hollingsworth, T. D. (2020). How will country-based mitigation measures influence the course of the COVID-19 epidemic? *Lancet*, 395(10228), 931–934.

Auger, K. A., Shah, S. S., Richardson, T., *et al.*, (2020). Association Between Statewide School Closure and COVID-19 Incidence and Mortality in the US. *JAMA*, 324(9), 859–870.

Bueno, D. C. (2020). Physical distancing: a rapid global analysis of public health strategies to minimize COVID-19 outbreaks. *Institutional Multidisciplinary Res Dev (IMRaD) J*, 3, 31-53.

(CAP) Center for American Progress, A National and State Plan to End the Coronavirus Crisis, April 3, 2020. <https://www.americanprogress.org/issues/healthcare/news/2020/04/03/482613/national-state-plan-end-coronavirus-crisis/>

Castillo, R. C., Staguhn, E. D., & Weston-Farber, E. (2020). The effect of state-level stay-at-home orders on COVID-19 infection rates. *American journal of infection control*, 48(8), 958–960.

Christakis, N. (2020) How the Swiss Cheese Model Can Help Us Beat Covid-19, *Wall Street Journal*, Nov. 13, 2020. <https://www.wsj.com/articles/how-the-swiss-cheese-model-can-help-us-beat-covid-19-11605283134>

Courtemanche, C., Garuccio, J., Le, A., Pinkston, J., & Yelowitz, A. (2020). Strong Social Distancing Measures In The United States Reduced The COVID-19 Growth Rate. *Health affairs*, 39(7), 1237–1246.

Cowling, B. J., Ali, S. T., Ng, T., *et al.*, (2020). Impact assessment of non-pharmaceutical interventions against coronavirus disease 2019 and influenza in Hong Kong: an observational study. *The Lancet. Public health*, 5(5), e279–e288.

Cowling, B. J., Lim, W.W. (2020) They've Contained the Coronavirus. Here's How. Singapore, Taiwan and Hong Kong have brought outbreaks under control — and without resorting to China's draconian measures, *New York Times*, March 13, 2020
<https://www.nytimes.com/2020/03/13/opinion/coronavirus-best-response.html?referringSource=articleShare>

(ECDC) European Centre for Disease Prevention and Control, Rapid Risk assessments
<https://www.ecdc.europa.eu/en/publications-data/covid-19-risk-assessment-increased-transmission-thirteenth-update>

Flaxman, S., Mishra, S., Gandy, A., *et al.*, (2020). Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe. *Nature*, 584(7820), 257–261.

Fineberg H. V. (2020). Ten Weeks to Crush the Curve. *The New England journal of medicine*, 382(17), e37.

Fong, M. W., Gao, H., Wong, J. Y., *et al.*, (2020). Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settings-Social Distancing Measures. *Emerging infectious diseases*, 26(5), 976–984.

Han, E., Tan, M., Turk, E., Sridhar, D., *et al.*, (2020). Lessons learnt from easing COVID-19 restrictions: an analysis of countries and regions in Asia Pacific and Europe. *Lancet*, 396(10261), 1525–1534.

Hao, X., Cheng, S., Wu, D., *et al.*, (2020). Reconstruction of the full transmission dynamics of COVID-19 in Wuhan. *Nature*, 584(7821), 420–424.

(Hopkins) Johns Hopkins Center for Health Security, Resetting Our Response: Changes Needed in the US Approach to COVID-19, July 29, 2020 https://www.centerforhealthsecurity.org/our-work/pubs_archive/pubs-pdfs/2020/200729-resetting-our-response.pdf

(Leopoldina) National Academy of Sciences Leopoldina (Germany), Leopoldina-Stellungnahmen zur Coronavirus-Pandemie (Summary of the statements on the coronavirus pandemic), April, 14, 2020
<https://www.leopoldina.org/publikationen/detailansicht/publication/leopoldina-stellungnahmen-zur-coronavirus-pandemie-2020/>

Lai, S., Ruktanonchai, N. W., Zhou, L., *et al.*, (2020). Effect of non-pharmaceutical interventions to contain COVID-19 in China. *Nature*, 585(7825), 410–413.

Leung, G. (2020) Lockdown Can't Last Forever. Here's How to Lift It. We need to hit and release the brakes on physical distancing, again and again, until we safely get to immunity, *New York Times*, April 6, 2020 <https://www.nytimes.com/2020/04/06/opinion/coronavirus-end-social-distancing.html?referringSource=articleShare>

Liu, Y., & Saltman, R. B. (2020). Policy Lessons From Early Reactions to the COVID-19 Virus in China. *American journal of public health*, 110(8), 1145–1148.

Markel, H., Lipman, H. B., Navarro, J. A., *et al.*, (2007). Nonpharmaceutical interventions implemented by US cities during the 1918-1919 influenza pandemic. *JAMA*, 298(6), 644–654.

Morens, D. M. & Fauci, A. S. (2020). Emerging Pandemic Diseases: How We Got to COVID-19. *Cell*, 183(3), 837.

(NASEM) National Academies of Sciences, Engineering, and Medicine, Rapid Expert Consultations <https://www.nap.edu/collection/94/coronavirus-resources>

(NGA) National Governors Association, Roadmap to Recovery: A Public Health Guide for Governors, April 22, 2020. <https://www.nga.org/center/publications/health/roadmap-to-recovery/>

Pan, A., Liu, L., Wang, C., *et al.*, (2020). Association of Public Health Interventions With the Epidemiology of the COVID-19 Outbreak in Wuhan, China. *JAMA*, 323(19), 1915–1923.

Rainey, J. & Lin R-G. (2020) California lessons from the 1918 pandemic: San Francisco dithered; Los Angeles acted and saved lives, *Los Angeles Times*, April 19, 2020 <https://www.latimes.com/california/story/2020-04-19/coronavirus-lessons-from-great-1918-spanish-flu-pandemic>

Ryu, S., Gao, H., Wong, J. Y., *et al.*, (2020). Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settings-International Travel-Related Measures. *Emerging infectious diseases*, 26(5), 961–966.

Sen, S., Karaca-Mandic, P., & Georgiou, A. (2020). Association of Stay-at-Home Orders With COVID-19 Hospitalizations in 4 States. *JAMA*, 323(24), 2522–2524.

Stoto, M.A., LeBlanc, N., Darling, N., Gasior, J., Harmsen, M., Zipfel, C.M., A century of influenza: Is the world prepared for the next pandemic? *Georgetown Journal of International Affairs* 2019 Vol. XX, Fall, pp. 163-169.

Trump, B. D., Bridges, T. S., Cegan, J. C., *et al.*, (2020). An Analytical Perspective on Pandemic Recovery. *Health security*, 18(3), 250–256.

Xiao, J., Shiu, E., Gao, H., *et al.*, (2020). Nonpharmaceutical Measures for Pandemic Influenza in Nonhealthcare Settings-Personal Protective and Environmental Measures. *Emerging infectious diseases*, 26(5), 967–975.

Webster P. (2020). Canada and COVID-19: learning from SARS. *Lancet*, 395(10228), 936–937.

White House & CDC (2020). Guidelines for Opening Up America Again. <https://www.whitehouse.gov/openingamerica/>