

Contributions to the National Emergency around the COVID-19 Pandemic by BODE³ Staff

Given BODE³ expertise in disease modelling, epidemiology, and public health a number of staff have contributed to this response during 2020 and 2021:

- Professor Nick Wilson: many of the outputs listed below and technical advice to the Government (and being an Advisor to a Ministry of Health [MoH] Epidemiology Technical Advisory Group and meetings with: the COVID-19 Minister Chris Hipkins; Hon Dr Ayesha Verrall; Megan Main at MBIE etc).
- Professor Tony Blakely (jointly with BODE³ and Melbourne University): some of the outputs below and various modelling work and media commentary with relevance to NZ.
- Dr Anja Mizdrak: Secondment to work in the MoH for six weeks, preparing reports, contributing to scholarly blogs.
- Dr Jennifer Summers, Dr Leah Grout & Dr Nhung Nghiem: Article writing (see below), contributing to scholarly blogs.
- Lani Teddy: Preparing scholarly blogs, administrative support for others doing COVID-19 work.
- Two candidates for Masters are also working on COVID-19 projects (in progress).

Peer-reviewed international journal publications

Baker M, **Wilson N**, Anglemyer A. Successful Elimination of Covid-19 Transmission in New Zealand. *N Engl J Med* 2020;(7 August).

doi:10.1056/NEJMc2025203.

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Baker M, **Wilson N**, Blakely T. Elimination may be the optimal response strategy for covid-19 and other emerging pandemic diseases. *BMJ*. 2020;371:m4907. doi: 4910.1136/bmj.m4907. <https://www.bmj.com/content/371/bmj.m4907>

Baker M, **Wilson N**. The covid-19 elimination debate needs correct data. *BMJ* 2020;371:m3883. doi: 10.1136/bmj.m3883
<https://www.bmj.com/content/371/bmj.m3883.full>

Baker MG, **Wilson N**. The COVID-19 elimination debate – needs to use correct data. *BMJ* 2020;371:m3883. doi: 10.1136/bmj.m3883.

Blakely T, Thompson J, Carvalho N, Bablani L, **Wilson N**, Stevenson M. The probability of the 6-week lockdown in Victoria (commencing 9 July 2020) achieving elimination of community transmission of SARS-CoV-2. *Med J Aust* 2020;213:349-351.e1
<https://onlinelibrary.wiley.com/doi/10.5694/mja2.50786>

Boyd M, Baker MG, **Wilson N**. Border closure for island nations? Analysis of pandemic and bioweapon related threats suggests some scenarios warrant drastic action. *Aust N Z J Public Health* 2020;44:89-91. doi: 10.1111/1753-6405.12991

Boyd M, **Wilson N**. Failures with COVID-19 at the international level must not be repeated in an era facing global catastrophic biological risks. *Aust N Z J Public Health* 2021;(22 February). doi: 10.1111/1753-6405.13082

Boyd MJ, **Wilson N**, Nelson C. Validation analysis of Global Health Security Index (GHSI) scores 2019. *BMJ Global Health* 2020;5:e003276.
<https://gh.bmj.com/content/5/10/e003276>

Summers J, Cheng H-Y, Lin H-H, Telfar Barnard L, Kvalsvig A, **Wilson N**, Baker MG. Potential lessons from the Taiwan and New Zealand health responses to the COVID-19 pandemic. *Lancet Regional Health Western Pacific* 2020;(E-publication 21 October).
[https://www.thelancet.com/journals/lanwpc/article/PIIS2666-6065\(20\)30044-4/fulltext#supplementaryMaterial](https://www.thelancet.com/journals/lanwpc/article/PIIS2666-6065(20)30044-4/fulltext#supplementaryMaterial)

Wilson N, Kvalsvig A, Telfar Barnard L, Baker MG. Case-fatality estimates for COVID-19 calculated by using a lag time for fatality. *Emerg Infect Dis*. 2020;(13 March). <https://doi.org/10.3201/eid2606.200320>

Peer-reviewed NZ journal publications

Baker MG, Kvalsvig A, Verrall AJ, Telfar-Barnard L, **Wilson N**. New Zealand's elimination strategy for the COVID-19 pandemic and what is required to make it work. *N Z Med J* 2020;133(1512):10-14. (Open Access: <https://www.nzma.org.nz/journal-articles/new-zealands-elimination-strategy-for-the-covid-19-pandemic-and-what-is-required-to-make-it-work>)

Boyd M, Baker M, Nelson C, **Wilson N**. The 2019 Global Health Security Index (GHSI) and its implications for New Zealand and Pacific regional health security. *N Z Med J* 2020;133(1516):83-92. Open Access: <https://www.nzma.org.nz/journal-articles/the-2019-global-health-security-index-ghsi-and-its-implications-for-new-zealand-and-pacific-regional-health-security>

Kvalsvig A, **Wilson N**, Chan L, Febery S, Roberts S, Betty B, Baker MG. Mass masking: an alternative to a second lockdown in Aotearoa. *N Z Med J* 2020;133(1517):8-13. <https://www.nzma.org.nz/journal-articles/mass-masking-an-alternative-to-a-second-lockdown-in-aotearoa>

Nghiem N, **Mizdrak A**, **Wilson N**. Increased unemployment from the COVID-19 pandemic, what might be the adverse impacts on cardiovascular disease in Aotearoa/New Zealand and how might this be prevented? *N Z Med J* 2020;133(1526):89-98. <https://www.nzma.org.nz/journal-articles/increased-unemployment-from-the-covid-19-pandemic-what-might-be-the-adverse-impacts-on-cardiovascular-disease-in-aotearoa-new-zealand-and-how-might-this-be-prevented>

Wilson N, Blakely T, Baker M, Eichner M. Estimating the risk of outbreaks of COVID-19 associated with shore leave by merchant ship crews: Simulation studies for New Zealand. *N Z Med J* 2021;134(1529):26-38. (Open Access: <https://www.nzma.org.nz/journal-articles/estimating-the-risk-of-outbreaks-of-covid-19-associated-with-shore-leave-by-merchant-ship-crews-simulation-studies-for-new-zealand>)

Wilson N, Boyd M, Kvalsvig A, Chambers T, Baker M. Public health aspects of the Covid-19 response and opportunities for the post-pandemic era. *Policy Quarterly* 2020;16(3):20-24.
<https://ojs.victoria.ac.nz/pq/article/view/6550/5715>

Wilson N, Rice G, Thomson G, Baker MG. Remembering past pandemics to ensure we plan for the future: Updated New Zealand survey of influenza pandemic memorials. *N Z Med J* 2021;134(1528):111-114.
<https://www.nzma.org.nz/journal-articles/remembering-past-pandemics-to-ensure-we-plan-for-the-future-updated-new-zealand-survey-of-memorials-to-the-1918-influenza-pandemic>

Wilson N, Schwehm M, Verrall AJ, Parry M, Baker MG, Eichner M. Detecting the re-emergent COVID-19 pandemic after elimination: modelling study of combined primary care and hospital surveillance. *N Z Med J*. 2020;133(1524):28-39. Full free access: <https://www.nzma.org.nz/journal-articles/detecting-the-re-emergent-covid-19-pandemic-after-elimination-modelling-study-of-combined-primary-care-and-hospital-surveillance>

Preprints (with some of these being in the journal publication process)

Blakely T, Bablani L, Carvalho N, Andersen P, Abraham P, Katar A, Boujaoude M-A, Akpan E, **Wilson N**. Integrated Quantification of the Health and Economic Impacts of Differing Strategies to Control the COVID-19 Pandemic (5/8/2020). Available at SSRN: <https://ssrn.com/abstract=3605136> or <http://dx.doi.org/10.2139/ssrn.3605136>

Blakely T, Thompson J, Bablani L, Andersen P, Ait Ouakrim D, Carvalho N, Abraham P, Boujaoude M-A, Katar A, Akpan E, **Wilson N**, Stevenson M. Determining the optimal COVID-19 policy response using agent-based modelling linked to health and cost modelling: Case study for Victoria, Australia. *medRxiv* 2021:2021.01.11.21249630.
<https://www.medrxiv.org/content/10.1101/2021.01.11.21249630v1>

Groat LM, Katar A, Ait Ouakrim D, **Summers JA**, Kvalsvig A, Baker MG, Blakely T, **Wilson N**. Estimating the failure risk of hotel-based quarantine for preventing COVID-19 outbreaks in Australia and New Zealand. *medRxiv* 2021;(19 February). doi: <https://doi.org/10.1101/2021.02.17.21251946>
<https://www.medrxiv.org/content/10.1101/2021.02.17.21251946v1.article-metrics>

Nghiem N, **Wilson N**. Impact of COVID-19 related unemployment on increased cardiovascular disease in a high-income country: Modeling health loss, cost and equity. *medRxiv* 2020;(15 December).
<https://medrxiv.org/cgi/content/short/2020.12.15.20248284v1>

Telfar-Barnard T, Baker MG, Kvalsvig A, **Wilson N**. COVID-19 control measure effects suggest excess winter mortality is more sensitive to infection control than warmer temperatures. *medRxiv* 2020; doi:
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and New Zealand under current public health policy settings: An agent-based-SEIR modelling approach. SSRN pre-print 2020 (7 May).
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3588074

- Wilson N**, Baker MG, Eichner M. Estimating the impact of control measures to prevent outbreaks of COVID-19 associated with air travel into a COVID-19-free country: A simulation modelling study. *medRxiv* 2020;(17 June).
<https://www.medrxiv.org/content/10.1101/2020.06.10.20127977v3>
- Wilson N**, Kvalsvig A, Telfar Barnard L, Baker M. Estimating the Case Fatality Risk of COVID-19 using Cases from Outside China. *medRxiv* 2020;(15 February).
 doi: <https://doi.org/10.1101/2020.02.15.20023499>
<https://www.medrxiv.org/content/10.1101/2020.02.15.20023499v1>
- Wilson N**, Parry M, Verrall AJ, Baker MG, Schwehm M, Eichner M. When can elimination of SARS-CoV-2 infection be assumed? Simulation modelling in a case study island nation. *medRxiv* 2020;(20 May).
<https://www.medrxiv.org/content/10.1101/2020.05.16.20104240v1>
- Wilson N**, Thomson G. Deficient hand washing facilities in public toilets in the time of the COVID-19 pandemic: A survey in one high-income country. *medRxiv* 2021; <https://medrxiv.org/cgi/content/short/2021.01.19.21250124v1>
- Wilson N**, Telfar Barnard L, Kvalsvig A, Verrall A, Baker MG, Schwehm M. Modelling the potential health impact of the COVID-19 pandemic on a hypothetical European country. *medRxiv* 2020;(23 March).
<https://medrxiv.org/cgi/content/short/2020.03.20.20039776v1>

Reports for the NZ Ministry of Health

- Baker M, Kvalsvig A, Telfar Barnard L, Gray L, Verrall A, **Wilson N**. *Potential preventive interventions for the “Stamp it out” and “Manage It” Phase of the Covid-19 pandemic in New Zealand: Commissioned Report for the New Zealand Ministry of Health*. Wellington: University of Otago, 2020 (10 March).
https://www.health.govt.nz/system/files/documents/publications/report_for_moh_innovative_covid-19_control_measures_final.pdf
- Kvalsvig A, Telfar Barnard L, Gray L, **Wilson N**, Baker M. *Supporting the COVID-19 pandemic response: Surveillance and outbreak analytics prepared for the Ministry of Health*. Wellington: University of Otago, 2020 (20 March).
https://www.health.govt.nz/system/files/documents/publications/report_for_moh_covid-19_surveillance_outbreak_analytics_final.pdf
- Kvalsvig A, **Wilson N**, Davies C, Timu-Parata C, Signal V, Baker M. The Alert Level system in Aotearoa New Zealand: Revising the response to adapt to current and future infectious disease prevention and control needs (Report prepared for the Ministry of Health). Wellington: University of Otago, 22 March 2021.
- Ministry of Health. “Aotearoa/New Zealand’s COVID-19 elimination strategy: an overview”. 2020. (Dr Anja **Mizdrak** as a named contributor).
https://www.health.govt.nz/system/files/documents/pages/aotearoa-new_zealands_covid-19_elimination_strategy_an_overview17may.pdf

Wilson N, Puloka V, Baker M. *What New Zealand could potentially offer to selected Pacific Island jurisdictions to help prevent the spread of Covid-19: Commissioned Preliminary Report for the New Zealand Ministry of Health.* Wellington: University of Otago, 2020 (6 March).

https://www.health.govt.nz/system/files/documents/publications/report_for_moh_-_pacific_nations_support_offer_options_final.pdf

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https://www.health.govt.nz/system/files/documents/publications/final_report_for_moh_-_border_control_options_for_nz_final.pdf

Wilson N, Telfar Barnard L, Kvalsvig A, Baker M. *Potential health impacts from the COVID-19 pandemic for New Zealand if eradication fails: Report to the NZ Ministry of Health.* Wellington: University of Otago, 2020 (23 March).

https://www.health.govt.nz/system/files/documents/publications/report_for_moh_-_covid-19_pandemic_nz_final.pdf (with earlier drafts at: <https://www.health.govt.nz/publication/covid-19-modelling-reports>).

Wilson N. *Potential worse case health impacts from the COVID-19 Pandemic for New Zealand if eradication fails: Report to the NZ Ministry of Health.* Wellington: University of Otago, 2020 (24 March).

https://www.health.govt.nz/system/files/documents/publications/report_for_chief_science_advisor_-_health_-_24_march_final.pdf

Presentations

Baker M, Kvalsvig A, **Wilson N.** (2020, December). *The COVID-19 elimination strategy: Implications and opportunities for New Zealand [Invited]*. Presentation at the 6th One Health Aotearoa (OHA) Symposium, [Online].

Baker M, MacIntyre R, **Wilson N.** [The emerging coronavirus epidemic – protecting our communities and ourselves](#) Summer School Presentation 2020;(12 February).

Baker M, **Wilson N.** The NZ response to Covid-19: Implications for managing future biosecurity threats. Presentation to Otago National Security School: NZ National Security in the Era of COVID-19, 10 February 2021.

Boyd M, **Wilson N.** Cost-Effectiveness of Pandemic Preparedness: Global Health Security Agenda Investments and the Global Health Security Index. [Accepted Oral Presentation]. International Health Economics Association Conference 12-15 July 2021.

Nghiem N, Wilson N. Impact of Covid-19 Related Unemployment on Increased Cardiovascular Disease in a High-Income Country: Modelling Health Loss, Health Cost Burden and Health Equity. [Accepted Oral Presentation]. International Health Economics Association Conference 12-15 July 2021.

Wilson N, Grout L, Kvalsvig A, Baker M. *Improving the public health response to the COVID-19 pandemic.* Presentation at the 2021 Public Health Summer School 2021;(1 February).

Wilson N, Grout L, Summers JA, Nghiem N, Baker MG. Preliminary Descriptive Comparisons of Health and Economic Impacts of New Zealand’s Elimination Strategy Towards the COVID-19 Pandemic. [Accepted Oral Presentation]. International Health Economics Association Conference 12-15 July 2021.

Wilson N. NZ response to the COVID-19 pandemic, the coming vaccination roll-out and the future. Presentation to Kilbirnie U3A, 23 February 2021.

Wilson N. The COVID-19 Elimination strategy: Why it was the best choice for New Zealand. Presentation to the University of the Third Age (U3A) Wellington City at the Embassy Theatre on 21 July 2020.

Scholarly blogs

Baker M, **Wilson N**, Hendy S, Skegg D. [The need for a robust scientific definition for the elimination of COVID-19 from New Zealand](#). *Public Health Expert*. 2020;(5 May).

Blakely T, Baker M, **Wilson N**. The maths and ethics of minimising COVID-19 deaths in NZ. *Public Health Expert*. 2020 (23 March).
<https://blogs.otago.ac.nz/pubhealthexpert/2020/03/23/the-maths-and-ethics-of-minimising-covid-19-deaths-in-nz/>

Boyd M, Baker M, **Wilson N**. Changes in mobility in response to the COVID-19 pandemic: NZ vs other countries and the stories it suggests. *Public Health Expert*. 2020 (12 April).
<https://blogs.otago.ac.nz/pubhealthexpert/2020/04/12/changes-in-mobility-in-response-to-the-covid-19-pandemic-nz-vs-other-countries-and-the-stories-it-suggests/>

Chambers T, **Wilson N**, Baker M. [Using the CovidCard to enhance protection from COVID-19 at the NZ border](#). *Public Health Expert*. 2020;(21 August).

Chambers T, **Wilson N**, Baker M. [We need rapid progress on digital solutions to help eliminate COVID-19 from New Zealand](#). *Public Health Expert*. 2020;(15 April).

Chan L, Febery S, Baker M, Kvalsvig A, **Wilson N**. [Using a fun “Mask Day” at school to promote pandemic protection in the NZ community](#). *Public Health Expert*. 2020;(25 August).

Kvalsvig A, **Wilson N**, D’Souza A, Baker M. [Children and young people and COVID-19: The urgent need for improved guidance in NZ](#). *Public Health Expert*. 2020;(27 August).

Purdie G, **Wilson N**, Baker M. [What we would like to see on the Ministry of Health’s website to better inform progress on Covid-19 elimination](#). *Public Health Expert*. 2020;(2 May).

Thomson G, Delany L, **Wilson N**. Avoidable hospitalisations: Helping our health system get through COVID-19. *Public Health Expert*. 2020 (25 March).
<https://blogs.otago.ac.nz/pubhealthexpert/2020/03/25/avoidable-hospitalisations-helping-our-health-system-get-through-covid-19/>

Williamson B, **Wilson N**. Might a ‘Coasean’ social contract mitigate overall societal harm from COVID-19? *Public Health Expert*. 2020 (3 April).

<https://blogs.otago.ac.nz/pubhealthexpert/2020/04/03/might-a-coasean-social-contract-mitigate-overall-societal-harm-from-covid-19/>

- Wilson N, Baker M, Eichner M.** [Preventing Outbreaks of COVID-19 in NZ Associated with Air Travel from Australia: New Modelling Study of Alternatives to Quarantine.](#) *Public Health Expert.* 2020;(16 June)
- Wilson N, Baker M.** NZ should prepare for a potentially severe global coronavirus pandemic. *Public Health Expert.* 2020 (6 February).
<https://blogs.otago.ac.nz/pubhealthexpert/2020/02/06/nz-should-prepare-for-a-potentially-severe-global-coronavirus-pandemic/>
- Wilson N, Baker M.** [Shifting all Isolation/Quarantine Facilities to a Single Air Force Base: The Need for a Critical Analysis.](#) *Public Health Expert.* 2020;(14 September).
- Wilson N, Boyd M, Mansoor O, Delany L, Baker M.** Expansion of “green zones” may provide a chance for the global eradication of COVID-19. *Public Health Expert* 2021;(18 March). <https://blogs.otago.ac.nz/pubhealthexpert/expansion-of-green-zones-may-provide-a-chance-for-the-global-eradication-of-covid-19/>
- Wilson N, Chambers T, Kvalsvig A, Mizdrak A, Nghiem N, Summers J, Baker M.** [NZ’s “Team of 5 million” has achieved the lowest COVID-19 death rate in the OECD – but there are still gaps in our pandemic response.](#) *Public Health Expert.* 2020;(22 July).
- Wilson N, Febery S, Chan L, Kvalsvig A, Baker M.** [The strong case for mask requirements in public transportation and border control settings in NZ’s current COVID-19 pandemic context.](#) *Public Health Expert.* 2020;(11 May).
- Wilson N, Febery S, Chan L, Summers J, Baker M.** Why a “mouth and nose” lockdown with masks might help avoid a “full body” lockdown at home. *Public Health Expert* 2021;(20 May).
<https://blogs.otago.ac.nz/pubhealthexpert/why-a-mouth-and-nose-lockdown-with-masks-might-help-avoid-a-full-body-lockdown-at-home/>
- Wilson N, Grout L, Baker M.** How best to classify and count NZ’s border control failures in the COVID-19 pandemic? *Public Health Expert* 2021;(12 February). <https://blogs.otago.ac.nz/pubhealthexpert/how-best-to-classify-and-count-nzs-border-control-failures-in-the-covid-19-pandemic/>
- Wilson N, Grout L, Kvalsvig A, Baker M.** Time to Stop Dodging Bullets? NZ’s Eight Recent Border Control Failures. *Public Health Expert* 2020;(16 November). <https://blogs.otago.ac.nz/pubhealthexpert/2020/11/16/time-to-stop-dodging-bullets-nzs-eight-recent-border-control-failures/>
- Wilson N, Kvalsvig A, Baker A.** [Pandemic terminology: getting it right matters for effective risk communication and management.](#) *Public Health Expert.* 2020;(30 June).
- Wilson N, Kvalsvig A, Baker M.** [Upgrade of NZ’s COVID-19 Alert Levels Needed to Help Regain NZ’s Elimination Status.](#) *Public Health Expert.* 2020;(3 September).
- Wilson N, Mizdrak A, Summers J, Baker M.** [Weekly deaths declined in NZ’s lockdown – but we still don’t know exactly why.](#) *Public Health Expert.* 2020;(10 July).

- Wilson N, Parry M, Verrall A, Baker M, Eichner M.** [When can COVID-19 be declared eliminated from NZ? New modelling study.](#) *Public Health Expert.* 2020;(25 May).
- Wilson N, Summers J, Anglemyer A, Blakely T, Baker M.** [NZ's COVID-19 response compared to selected other jurisdictions: Australia, Taiwan and the United States.](#) *Public Health Expert.* 2020;(26 August).
- Wilson N, Summers J, Thomson G, Kvalsvig A, Boyd M, Baker M.** [Five Key Reasons why NZ Should have an Official Inquiry into the Response to the COVID-19 Pandemic.](#) *Public Health Expert.* 2020;(11 June).
- Wilson N, Verrall A, Cook L, Gray A, Kvalsvig A, Baker M.** Testing for COVID-19 in NZ to achieve the elimination goal. *Public Health Expert.* 2020 (6 April). <https://blogs.otago.ac.nz/pubhealthexpert/2020/04/06/testing-for-covid-19-in-nz-to-achieve-the-elimination-goal/>

Major media piece (eg, the Guardian, The Conversation)

- Baker M, Kvalsvig A, **Wilson N.** 100 days without COVID-19: how New Zealand got rid of a virus that keeps spreading across the world. *The Conversation.* <https://theconversation.com/100-days-without-covid-19-how-new-zealand-got-rid-of-a-virus-that-keeps-spreading-across-the-world-143672>
- Baker M, Kvalsvig A, **Wilson N.** 6 months after New Zealand's first COVID-19 case, it's time for a more strategic approach. *The Conversation* 2020;(26 August). <https://theconversation.com/6-months-after-new-zealands-first-covid-19-case-its-time-for-a-more-strategic-approach-144936>
- Baker M, Kvalsvig A, **Wilson N.** A year on from the arrival of COVID-19 in NZ: 5 lessons for 2021 and beyond. *The Conversation.* 2021;(25 February). <https://theconversation.com/a-year-on-from-the-arrival-of-covid-19-in-nz-5-lessons-for-2021-and-beyond-155367>
- Baker M, **Wilson N.** COVID-19 has now reached New Zealand. How prepared is it to deal with a pandemic? *The Conversation* 2020;(3 March). <https://theconversation.com/covid-19-has-now-reached-new-zealand-how-prepared-is-it-to-deal-with-a-pandemic-132857>
- Baker M, **Wilson N.** [Elimination: What New Zealand's coronavirus response can teach the world](#) *The Guardian*, 2020;(10 April)
- Baker M, **Wilson N.** [Five ways New Zealand can keep Covid-19 cases at zero.](#) *The Guardian*, 2020;(8 June)
- Baker M, **Wilson N.** New Zealand hits zero active coronavirus cases. Here are 5 measures to keep it that way. *The Conversation* 2020;(8 June). <https://theconversation.com/new-zealand-hits-zero-active-coronavirus-cases-here-are-5-measures-to-keep-it-that-way-139862>
- Baker M, **Wilson N.** Why New Zealand needs to continue decisive action to contain coronavirus. *The Conversation* 2020;(19 March). <https://theconversation.com/why-new-zealand-needs-to-continue-decisive-action-to-contain-coronavirus-133714>

- Blakely T, Baker M, **Wilson N**. 'It's not going to be easy': experts on what Australia must do to curb Covid's spread. *The Guardian* 2020;(4 August). <https://www.theguardian.com/commentisfree/2020/aug/04/its-not-going-to-be-easy-experts-on-what-australia-must-do-to-curb-covids-spread>
- Nick Wilson quoted in *Science* [New Zealand suspects 'some failure at the border' after COVID-19 returns](https://www.sciencemag.org/news/2020/08/new-zealand-suspects-some-failure-at-the-border-after-covid-19-returns) *Science* 2020;(12 August)
- Nick Wilson quoted in *The Atlantic* "Why America Resists Learning From Other Countries" *The Atlantic* 2020;(15 May). <https://www.theatlantic.com/politics/archive/2020/05/coronavirus-could-end-american-exceptionalism/611605/>
- Wilson N**, Baker M. New Zealand needs a 'traffic light' system to stop COVID-19 creeping in at the border. *The Conversation* 2020;(4 November). <https://theconversation.com/new-zealand-needs-a-traffic-light-system-to-stop-covid-19-creeping-in-at-the-border-149262>
- Wilson N**, Baker M. What next for New Zealand in its post-COVID-19 era? *East Asia Forum* 2020;(27 July). <https://www.easiaforum.org/2020/07/27/what-next-for-new-zealand-in-its-post-covid-19-era/>
- Wilson N**, Baker M. With COVID-19 mutating and surging, NZ urgently needs to tighten border controls. *The Conversation* 2021;(12 January). <https://theconversation.com/with-covid-19-mutating-and-surging-nz-urgently-needs-to-tighten-border-controls-153078>
- Wilson N**, Kvalsvig A, Baker M. COVID-19: the science and law are clear — it's time for NZ to turn down the travel tap from high-risk countries. *The Conversation* 2021;(29 January). <https://theconversation.com/covid-19-the-science-and-law-are-clear-its-time-for-nz-to-turn-down-the-travel-tap-from-high-risk-countries-154159>
- Wilson N**, Kvalsvig A, Baker M. Masking the outbreak: Despite New Zealand's growing COVID-19 cases, there are more ways to get back to elimination faster. *The Conversation* 2020;(13 August). <https://theconversation.com/masking-the-outbreak-despite-new-zealands-growing-covid-19-cases-there-are-more-ways-to-get-back-to-elimination-faster-144356>
- Wilson N**. No more acting like stunned mullets - bigger, better, faster responses needed to meet future bio-threats. *The Conversation* 2021;(5 February). <https://theconversation.com/no-more-acting-like-stunned-mullets-bigger-better-faster-responses-needed-to-meet-future-bio-threats-154719>