

**POPULATION ASSOCIATION
OF
NEW ZEALAND**

Te Roopu Whaka Waihanga

Iwi O Aotearoa



NEWSLETTER

April 2020

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Note from the President

Kia ora to all of you in these very strange times. I hope that you are all staying safe and staying well, as I write in the midst of this lock down. The circumstances of this year have thrown everyone's plans into disarray, including ours. We had hoped to have a symposium mid-year but have had to put that plan on hold.

However, the experiences of this year have also shown that what we most value above everything as a nation is people.

He aha te mea nui o te ao. He tāngata, he tāngata, he tāngata

In times to come, I can see that the global pandemic of 2020 will be the source of much academic research and debate. It is certainly going to have a huge impact, at least in the short term, on international movements. In the mean time it is a challenging experience to live through such a situation. As part of my master's thesis, which was an oral history on childhood in the first years of the century, I remember interviewing people about their experiences of the flu pandemic of 1918/19. While most were children at the time, their memories remained clear all those years later, the scent of formalin – from disinfection stations that were set up, of schools being closed and the atmosphere of fear. One of my older interviewees was also a volunteer and he saw situations that he never forgot. It has seemed ironic that we are in these circumstances relying on the lessons learned from the great flu epidemic and subsequent pandemics – physical distancing.

I hope that you are all taking care and looking after yourselves.

Dr Rosemary Goodyear
President of PANZ

Note from the Editor

Welcome to the April 2020 issue of the PANZ newsletter. Thanks to everyone who kindly contributed items of interest.

Remember that contributions to this newsletter are welcome at any time. The newsletter provides an opportunity for members to share news and reports on research and activities. The newsletter also provides an opportunity to promote current and future work of you and your wider team(s).

Have you attended an interesting population-related workshop or conference in the last few months? Read a useful population-related book? Or visited an interesting population-related website? Drop us a note so we can publicise it among our members. If you have a contribution related to New Zealand's upcoming population milestone or the current pandemic situation, I will be very interested to hear from you.

Contributions, feedback and any enquiries regarding the newsletter should be addressed to the editor, Rosemary Goodyear: rosemary.goodyear@stats.govt.nz.

Rosemary Goodyear
Editor, Newsletter

Submissions for New Zealand Population Review

Start thinking about contributions to the 2020 and 2021 NZPRs. We publish across a broad range of topics relating to population. We also encourage submissions on original research that you have been undertaking. [Instructions to Contributors](#) are on our website.

Articles and any enquiries regarding the journal can be sent to the journal's editor, Dr Tahu Kukutai at tahu.kukutai@waikato.ac.nz

The New Zealand Population Review is a peer reviewed journal carrying substantive articles on many aspects of population, mainly relating to New Zealand, but in some cases dealing with issues in the Pacific, Australia, Asia or elsewhere. These articles may be based on new empirical research, theoretical perspectives or policy-related analysis. The Review is published once a year and solicits substantive articles of 5,000 to 8,000 words.

Tahu Kukutai

Editor, New Zealand Population Review

2019 PANZ council strategic meeting

In October 2019, the PANZ council members met at the University of Waikato to develop a strategy for the following two years, and to provide a debrief on the successful 2019 conference. Present: Isaac, Tze Ming, Arvind, Niyi, Rosemary, Joel, Mike, Shefali. Tahu and Andrew, although unable to attend, gave very valuable written input.



Figure 1 PANZ Strategy Day: in front from left (Shefali, Arvind, Rosemary, Tze Ming, back row (Mike, Joel, Niyi and Isaac)

I have included some of the highlights of the day here.

Conference debrief:

We were happy with the conference but did identify some areas for improvement including communication to presenters, a better formal process for lodging abstracts and possibly cutting down on the number of concurrent sessions.

We identified some improvements to the new poster prize as the cost of printing a poster was apparently a barrier for students.

Thanks very much to everyone who completed an evaluation as that information is key to us knowing what to work on next time.

Discussion of shared values and what we want the council to represent

- should reflect population of NZ, young people, Pacific, also social science background
- justice and equality and how that is driven across population
- promote understanding and interaction between government, academics and wider population
- create more awareness of population studies and demography

How would we do this:

- In non-conference years, hold a seminar or colloquium on specific population issues of regional or national significance. These sorts of public events could be in partnership with other associations, organisations that have a shared interest.
- Promoting and/or supporting training opportunities to build capacity and capability in population methods. This could take a diversity of forms from partnering with others to deliver an online short-course on something like 'understanding and using population data' (our contribution might be in the way of helping to facilitate connections, particularly within our membership) or sponsoring one student a year to attend a population training course somewhere in NZ or Australia - we'd need to be hooked into other population associations to be aware of the opportunities.
- Start campus-based student groups – with guest speakers and food
- Succession planning – hope to diversify council and make sure it represents the diversity of NZ

Our action points:

- Plan at least one event for non-conference years
- Start campus-based PANZ groups – first at University of Auckland
- Improve connectivity of council through use of Zoom meetings.

Note: that our planning is being somewhat disrupted by the events of 2020.

History of PANZ

Arvind kindly gave us a history of PANZ as he was one of the founding members.

Arvind arrived in New Zealand in 1973 to teach at Victoria University. He had a degree in mathematics and statistics and then worked at the Indian Population Centre after completing a PhD in America.

At the end of the 1973, the government statistician, John Latimer, initiated a meeting of demographers because of the world population conference in Bucharest in 1975. This meeting led to the formation of the New Zealand Demographic Society in 1974. Its early activities involved making submissions to the 1976 Royal Commission on contraception, abortion and sterilisation. PANZ prepared a 60 to 70 page submission, which included recommending more education for teenagers and access to contraception, plus some education of commission members.

The New Zealand Demographic Society formed before the Australian Society, and initially Australian demographers came to the NZ conferences. Even after the Australians formed their own society the two organisations remained closely involved. New Zealand was the first to have a journal, which started as a newsletter. Over the years, many notable academics have been involved with the organisation including Brian Heenan (Otago), Peggy Koopman-Boyden, Andrew Trlin, Paul Spoonley, Harvey Franklin, Philipp Morrison from Victoria – as well as Arvind of course.

News about PANZ members

Professor Richard Bedford awarded the Queens Service order in the New Year's honours list for services to governance

We were thrilled to hear that Richard Bedford had been recognised for his work in the Royal Society. He is also a life member of PANZ and has made a massive contribution to demography and social sciences over the years. I have included the citation here and I know that you will join me in congratulating Richard:

Professor Richard Bedford has served as President of the Royal Society Te Apārangī for the last four years, and led the Society through a period of transformation.

Professor Bedford is a former academic who was appointed to the voluntary role of President of the Royal Society Te Apārangī, formerly the Royal Society of New Zealand, in 2015 to guide the institution through restructuring and modernisation. His leadership oversaw the change of the Royal Society's name to Royal Society Te Apārangī, and a revision of the Society's Code of Professional Standards and Ethics to include all research epistemologies such as social sciences. He has developed and strengthened the bi-cultural commitments of the Society, including partnerships with Māori research communities, and greater recognition of Mātauranga Māori. He led a major programme to improve diversity, and the awarding of medals and fellowships by the Society has nearly reached gender parity in 2018. He played a major leadership role in the Society's 150th anniversary in 2017, including hosting a two-day leadership symposium for national academies around the world. Professor Bedford has continued work as a peer reviewer of research for publication, and served in advisory roles to government agencies alongside his work at Te Apārangī.

Isaac Morunga recognised for his service to the University of Auckland

We are delighted to announce that Isaac Morunga, new council member in 2019, has been formally recognised for his service to The University of Auckland, as Arts+ mentor of the year, and was a finalist in the Faculty-wide Student of the Year. Isaac is an academic tutor, mentor, and team leader; he has been involved in university mentoring since the beginning of 2019, and has mentored over 270 students across 18 first-year courses. Providing all of his students with appropriate pastoral care, mental and emotional support, and kai. Outside of mentoring, and when Isaac isn't studying for his university papers, he tutors Stage I Statistics through the Tuākana Science programme. Isaac also volunteers at a secondary-school in Waitakere City, working with the school to engage in university out-reach, academic mentoring, and helps transition seniors as they pursue tertiary studies.

News from Statistics New Zealand

Delay to release of census coverage results, and population estimates and projections based on the 2018 Census

The 'Post-enumeration survey: 2018' and 'Estimated resident population (2018-base)' will be delayed from the scheduled release date of 30 March 2020. Stats NZ will provide a further update as soon as possible, including an indication of release timeframes.

The Post-enumeration Survey (PES) measures the overcount and undercount in the Census (i.e. who was missed in the census, and who was counted more than once or counted when they shouldn't be) and is a key input into producing the Estimated Resident Population (ERP). The ERP is the best official measure of the population of New Zealand and constitutes the foundation dataset for official population estimates and projections produced following the census.

Current population estimates (2013-base) are still official measures and should be used as needed. Subnational population estimates have incorporated distributions from 2018 Census data, and both national and subnational population estimates also incorporate recent changes to the measure of migration.

Māori population estimates will be updated when the ERP is published. Interim updates of this series are not currently being produced, due to the inconsistency of this series with 2018 Census data. We recommend using 2018 Census information about the Māori population until the estimates are updated.

The delay is due to Stats NZ's need to modify the 2018 PES methodology. Modifications are necessary because of the unexpected, yet effective, use of administrative data to improve the 2018 Census counts, and to address an issue with how dwellings were selected to be surveyed by the PES. Although we made adjustments to the PES design as the Census and PES methods and processes evolved in order to account for these changes, it has now become apparent that further work is required. Several streams of work are under way, both to improve the PES method and data, and to investigate alternative approaches for producing ERP in case the PES issues are not able to be resolved.

Unfortunately, these delays also mean that official population projections based on the new 2018-based ERP will be delayed. Up to date information on our website offers some advice on the suitability of the latest national and subnational population projections as an indication of future population change in the short and long term. This advice should be considered until new projections are able to be published. Once the 2018-base ERP is available, the first projections to be produced will be national population projections, followed by subnational population projections at territorial authority and Auckland local board area level. If you have any questions, please email demography@stats.govt.nz.

International Migration releases

International Migration data continues to be published monthly, about 30 working days after each reference month. However, the commentaries that accompany the International Migration release are now published quarterly. This reflects that migration trends and patterns tend to change gradually.

Stats NZ is tending to focus its analysis on migration estimates for the period 6 months earlier than the latest available month. These estimates have higher certainty and are therefore subject to smaller revisions than provisional estimates for more recent periods. This is especially true of the headline 'net migration' figures, which are subject to revisions in both migrant arrivals and migrant departures.

On 30 October 2019, an extended back series of migration data using the outcomes-based 12/16-month rule was published. All migration Infoshare series have been extended back to January 2001, with the exception of subnational series which were extended back to January 2013.

Migrant departures to Australia

A new statistical series is now available via the Infoshare data tool on migrant departures from New Zealand to Australia.

This fills an information gap that has existed since departure cards were removed in November 2018. We are now able to address this information gap using arrival data from the Australian Bureau of Statistics (ABS). The ABS can supply quarterly data about 6 months after the reference period, and we will publish this series within a few days of receipt from ABS.

The new series (based on outcomes) is broadly consistent with previously published series (based on intentions) in terms of patterns and trends.

News from NIDEA

As I write this update, the NIDEA team are in the midst of a lockdown situation, as are many of our colleagues elsewhere in Aotearoa New Zealand and internationally. The COVID-19 pandemic and government responses are having enormous impacts on the daily lives of many people. They also raise significant challenges for the work that NIDEA researchers undertake and the activities of PANZ. I am delighted to be part of a team who are leading responses to this situation – most notably Polly Atatoa Carr in her tireless public health work with the Waikato DHB and nationally with the Ministry of Health, and Tahu Kukutai in her role on the Chief Science Advisor Forum. For others in the NIDEA team, the pandemic and response has significant impacts in our research on Māori and Indigenous populations, population health and equity, population change and migration.

The past year has been a very eventful one for NIDEA as we have welcomed new staff, expanded our undergraduate and postgraduate teaching and supervision activities and continued work on a wide range of research activities.

A significant highlight for 2019 was welcoming our new Senior Lecturer in Population Studies, Dr. Yara Jarallah. Yara has a PhD in Sociology from Brown University and has worked at the Universities of Queensland and Melbourne prior to joining the University of Waikato. She is an expert in the demography of forced migration and war and brings significant experience in mixed- and multi-method population research.

NIDEA researchers continue to be active in a substantial number of programmes funded by HRC, MBIE, Marsden, Rutherford Discovery Fellowships, Ngā Pae o te Maramatanga and National Science Challenges, amongst others. The Medical Research Centre team have had a particularly significant year in terms of external research grants, securing funding from the Health Research Council for projects led by Chunhuan Lao examining the costs of breast cancer and Rawiri Keenan on cultural competency in primary care. Polly Atatoa Carr is a key researcher on a successful MBIE Endeavour Fund programme grant on childhood wellbeing in Aotearoa New Zealand. Starting in April 2020 NIDEA will also host research on thriving regions led by Jonathan Kilgour and undertaken within National Science Challenge 11: Building Better Homes, Towns and Cities. Yara Jarallah has established her new research programme through a University of Waikato strategic grant to examine the effect of civil war and forced displacement on refugees' life course transitions.

There have also been several notable publications involving NIDEA researchers in 2019. A special issue of the *New Zealand Population Review* on 'diversity matters in Aotearoa/New Zealand' was published, edited by Jessica Terruhn and Arama Rata the issue included papers from several NIDEA staff and associates. The book *Intersections of Inequality, Migration and Diversification* (edited by Rachel Simon-Kumar, Francis Collins and Wardlow Friesen) was published by Palgrave, and Routledge published *Aspirations, Desire and the Drivers of Migration* (edited by Francis Collins and Jorgen Carling), which was based on a special issue of the *Journal of Ethnic and Migration Studies*.

The Population Studies and Demography programme has also grown over the past year and we continue to explore opportunities to refine our offerings to both undergraduate and postgraduate students. The number of students enrolling in our papers increased substantially in 2019, a pattern that is continuing in 2020. NIDEA also welcomed five new PhD students working on a diverse range of population topics:

- John Natua: wellbeing, identity, language and culture amongst Cook Island youth
- Love Umesi: underlying and state-level contextual causes of early childhood mortality in Nigeria
- Joke Methorst: socio-spatial dynamics of digital nomads in Ubud, Bali
- Sandrine Charvin-Fabre: Homelessness and access to palliative care in New Zealand
- Zohirul Islam: temporary migration and inequality in New Zealand

NIDEA researchers were also regular contributors to public debate and issues throughout 2020. As PANZ members will know, the delayed release of data from the 2018 Census and questions of quality that subsequently emerged continues to be a significant issue for affected communities, government agencies, population researchers and a range of organisations. Throughout 2019 Tahu Kukutai played a significant role in the Census External Data Quality Panel, and Polly Atatoa Carr also provided important critical commentary in relation to the impacts of census shortcomings for Māori and Pacific peoples. Arama Rata made significant contributions to debates about the events surrounding Tuia250, providing essential critique of the way this memorialisation celebrated the violence associated with exploration and settler colonialism. For my own part, research I undertook with Christina Stringer on migrant exploitation was released by MBIE in late 2019, which led to a series of new proposals to reduce workplace exploitation and renewed public debate on this persistent problem.

In November 2020 NIDEA will mark its ten year anniversary. This is an important opportunity for the institute to celebrate on its successes to date, to reflect on what has changed in the world of population research and consider the challenges that lie ahead, not least in the context of the current circumstances surrounding the COVID-19 pandemic. While it remains uncertain whether we can host any events to mark the anniversary we will find other ways to celebrate and look forward to meeting our PANZ colleagues and friends again when the time is right.

Ngā manaakitanga

Francis Collins

Director, National Institute of Demographic and Economic Analysis

Forthcoming Conferences, Meetings and Events

2020 – watch this space as planning is being disrupted by current circumstances

Other New Zealand Publications, Papers and Resources

Ministry of Business, Innovation and Employment (MBIE)
(<http://www.mbie.govt.nz/>)

Immigration New Zealand Statistics
(<https://www.immigration.govt.nz/about-us/research-and-statistics>)

Ministry of Education (www.educationcounts.govt.nz)

Ministry of Health (www.health.govt.nz)

Ministry of Social Development (MSD) (www.msd.govt.nz/about-msd-and-our-work/work-programmes/social-research/index.html)

Royal Society of New Zealand (www.royalsociety.org.nz)

Asia New Zealand Foundation (www.asianz.org.nz)

Institute of Policy Studies, Victoria University (www.ips.ac.nz)

Centre for Applied Cross-Cultural Research, Victoria University
(www.victoria.ac.nz/cacr)

EEO Trust (www.eeotrust.org.nz/research)

PANZ Officers and Council Members 2019-20

The day-to-day affairs of the Association are conducted by the members of the Council, who come from various parts of New Zealand, and work within a variety of organisations dealing with population issues. Recent councils have comprised individuals working in central government departments, various departments within universities, district health boards, and local and regional councils.

<p>President: Dr Rosemary Goodyear</p> <p>Senior Design Analyst/ Kaitātari Hoahoa Matua Wellbeing and Housing Team Statistics New Zealand Private Bag 4741, Christchurch</p>	<p>Vice President: Dr Tahu Kukutai</p> <p>Professor National Institute of Demographic and Economic Analysis University of Waikato PO Box 3105, Hamilton</p>
<p>Secretary: Shefali Pawar</p> <p>Senior Research Officer National Institute of Demographic and Economic Analysis University of Waikato PO Box 3105 Hamilton</p>	<p>Treasurer: Andrew Hancock</p> <p>Senior Researcher Standards, Solutions and Capability Statistics New Zealand Private Bag 4741 Christchurch</p>
<p>Isaac Morunga</p> <p>Student and Academic mentor University of Auckland</p>	<p>Joel Watkins</p> <p>Manager, Census Coverage Population Insights Stats NZ Private Bag 4741, Christchurch</p>
<p>Tze Ming Mok</p> <p>Data & Insights Lead, Shared Prosperity team of The Southern Initiative at Auckland Council. She completed a PhD in ethnic enumeration and people with multiple ethnic group at the LSE, and can be found on Twitter as @tzemingdynasty. Auckland Council</p>	<p>Michael Berry</p> <p>Manager, Census Content Census Statistics Statistics New Zealand</p>
<p>Dr Arvind Zodgekar</p> <p>Council member and life member of PANZ</p>	<p>Dr Omoniyi Alimi</p> <p>Teaching Fellow School of Accounting, Finance and Economics University of Waikato PO Box 3105, Hamilton</p>

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PANZ website: www.population.org.nz

PANZ Membership

Existing members:

A reminder to pay your annual subscription if you haven't already. If unsure of your financial status, you can check by contacting subscriptions@population.org.nz.

New members are very welcome.

Membership provides:

- Subscription to the Association's publications, including the *New Zealand Population Review*
- Access to a network of individuals and organisations interested and active in population matters
- Opportunity to contribute and participate in the Association's activities, including a biennial conference (the next in 2021).

To Join:

Complete the membership details below, attach payment details, and send to:

Secretary

PANZ

Shefali.pawar@waikato.ac.nz

Population Association of New Zealand (PANZ)

T e R o o p u W h a k a W a i h a n g a I w i O A o t e a r o a
www.population.org.nz

Membership Form 2020/21

Name	
Position	
Organisation	
Email	
Postal Address	
Phone (Day)	

Membership options and costs (pleasetick appropriate option)

- Ordinary member \$ 30.00
- Associate member (students and unwaged) \$ 0.00
- Corporate member \$ 100.00
- Publication member (libraries & other orgs. within New Zealand) \$ 65.00
- Publication member (libraries & other orgs. outside of New Zealand) \$120.00

Payment options (please choose one)

Credit Card – Please process your credit card payment by clicking on the URL:

<https://my.fetchpayments.co.nz/webpayments/Web2PayLite/web2Pay.aspx?type=oneoff&acc=11541&refreq=yes&parreq=yes>

- Important:** Kindly include your **Name** in the ‘**Reference**’ field and ‘**PANZ 2020/21 Membership**’ in ‘**Particulars**’. The payment receipt will be sent to you directly on the email address provided by you in the field ‘**Email my receipt to**’.

Direct payment into PANZ bank account

- Population Association of New Zealand, Kiwi Bank, Wellington Branch
 Bank Account Number: 3 8 - 9 0 1 6 - 0 3 5 5 9 7 4 - 0 0

Important: Please include your **Name** and **Invoice Number** in payment details.

Kindly return the completed form by email to the address given at the top.

Latest estimates and indicators

Indicator	2017	2018	2019
Estimated resident population at 30 June			
Male	2,342,200	2,380,000	2,419,700 P
Female	2,423,200	2,461,000	2,497,300 P
Total	4,765,400	4,841,000	4,917,000 P
Under 15 years (number)	937,500	948,600	957,500 P
Under 15 years (percent)	19.7	19.6	19.5 P
15–64 years (number)	3,107,000	3,148,700	3,190,800 P
15–64 years (percent)	65.2	65.0	64.9 P
15–39 years (number)	1,601,000	1,632,300	1,661,700 P
15–39 years (percent)	33.6	33.7	33.8 P
40–64 years (number)	1,506,000	1,516,400	1,529,100 P
40–64 years (percent)	31.6	31.3	31.1 P
65+ years (number)	720,900	743,700	768,800 P
65+ years (percent)	15.1	15.4	15.6 P
Median age (years)	37.3	37.3	37.4 P
Sex ratio (males/100 females)	96.7	96.7	96.9 P
Annual growth rate (percent)	1.9	1.6	1.6 P
Vital⁽¹⁾ statistics, year ended 30 June			
Live births ⁽²⁾	58,344	60,321	58,374
Stillbirths ⁽²⁾	300	327	330
Deaths ⁽²⁾	32,328	33,573	33,564
Natural increase	26,016	26,748	24,810
International travel and migration⁽³⁾⁽⁴⁾, year ended June			
Estimated migrant arrivals	144,168	138,274 P	145,292 P
Estimated migrant departures	85,480	89,356 P	95,866 P
Estimated net migration	58,688	48,918 P	49,427 P
Total passenger movements⁽⁵⁾			
Arrivals	6,529,225	6,836,656 P	7,074,986 P
Departures	6,457,010	6,821,488 P	7,025,794 P
Demographic indices, year ended 30 June⁽¹⁾			
Crude birth rate (births per 1,000 mean population)	12.3	12.5	12.0 P
Total fertility rate (births per woman)	1.8	1.8	1.7 P
Crude death rate (deaths per 1,000 mean population)	6.8	6.9	6.9 P
Infant mortality rate (deaths under one year per 1,000 live births)	3.6	4.0	4.2
Median age of women having a baby (years) ⁽⁶⁾	30.3	30.4	30.6
Vital statistics, year ended 31 December^(1,7)			
Marriages and civil unions ⁽²⁾	20,685	20,949	..
Divorces ⁽²⁾	8,001	7,455	..
Demographic indices, year ended 31 December⁽¹⁾			
Life expectancy at birth (years of life) ⁽⁸⁾			
Male	80.2
Female	83.6
Difference (female minus male)	3.5
General marriage rate (marriages per 1,000 not-married population aged 16+ years)	10.9	10.8	..
Divorce rate (divorces per 1,000 existing marriages)	8.4	7.7	..
Median age at marriage (years)			
Male	32.3	32.3	..
Female	30.5	30.7	..
Median age at divorce (years)			
Male	47.0	46.8	..
Female	44.5	44.4	..

- All data are based on the resident population concept and refer to events registered in New Zealand during the given period.
- This data has been randomly rounded to protect confidentiality. Individual figures may not sum to totals, and figures may differ slightly between tables.
- Migration data are outcomes-based migration estimates using the 12/16-month rule and are provisional and subject to revision each month until finalised about 17 months after the reference period.
- Migration estimates as published on 9 August 2019.
- Includes short-term (less than 12 months) and long-term (12 months or more) passenger movements.
- Based on live births.
- Marriage and divorce data includes civil unions.
- Data for 2017 are from abridged period life tables for 2016-18. The 2017-19 period life tables are due to be released in 2020.

Note: Due to rounding, individual figures may not always sum to the stated total(s).

Symbol: '..' not available
P provisional

Source: Stats NZ