



In this quarter's newsletter:

- *MNZEH Update*
- *MNZEH Project Update*
 - *EHIs and Māori Health*
 - *Population Pyramids in CPHROnline*
 - *HSDIRT Module and Report*
 - *EHI Website Revamping*
 - *Map of Alcohol Licences and Social Deprivation*
- *MNZEH News*
- *Environmental Health Websites*
- *Postgraduate Study*

MNZEH Update

Since our last newsletter, CPHR has finally moved from the old building on Adelaide Road up to Block 4 on the main Massey Wellington Campus. It is great to feel part of the University, live in an earthquake proof building with considerably more space, and have access to an excellent coffee bar three floors below rather than battle the wind and rain up and down Adelaide Road. Every day we even get to see colleagues and undergraduate and postgraduates students.

As you will see from this newsletter, there has been major progress in advancing the EHI work programme. Over the next few months new information products will continue to be released, including a considerably revamped EHI website which will enable easier and faster access to the data and information from the programme. In July, CPHR will be running its postgraduate paper in environmental health and Professor Allan Smith, University of Berkley, will be giving a one day short course on Environmental Epidemiology.

As always, please don't hesitate to contact us if you have any comments or suggestions about our work or how we might help you and your colleagues.

Barry

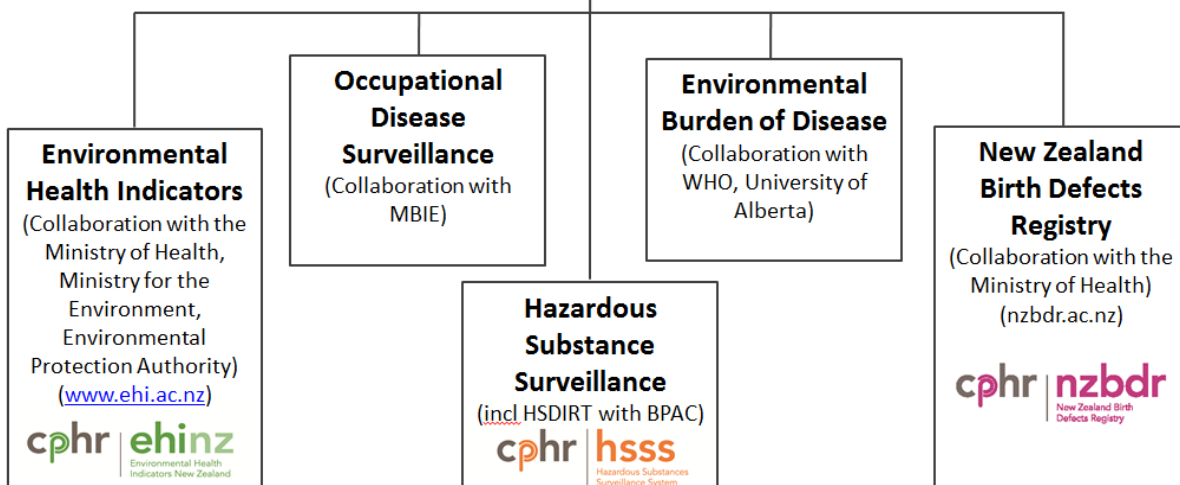
B.Borman@massey.ac.nz

MNZEH Project Update

Environmental Health Indicators Programme



Online mapping tool for information from multiple sources
<http://cphronline.massey.ac.nz>



EHIs and Māori Health

Te whenua, te whenua, te oranga mō te iwi

Maria Poynter, a public health registrar in the Environmental Health Indicators (EHI) team, is looking at how we can better engage with, and respond to, Māori.

We recognise the Treaty of Waitangi is important and has great relevance to our work monitoring New Zealand's environment health. In particular, many of our indicators provide information about Māori health issues, and many can be stratified by ethnicity. Monitoring is an important component of Māori health. It allows us to measure health status, assess the burden of various health outcomes and environmental exposures, and track inequities within a population.

We believe we can do more to show our commitment to Māori health. Some areas that we are looking to explore are:

- Identifying current users who are Māori or who access Māori-specific information, and assessing how our work can best meet their needs
- Identifying potential Māori users (e.g. iwi groups) and engaging with them
- Strengthening our relationships to work more closely with Māori health, and Māori environmental health, groups
- Stratifying more of our indicators by ethnic group, where possible
- Improving our website so that the rationale for monitoring Māori-specific outcomes is clear
- Considering, and addressing, the cultural impact of any indicators that we publish
- Considering whether we can include more Māori-specific environmental and cultural health indicators- for example, linking concepts like mahinga kai (traditional food resources) or waterways into EHIs

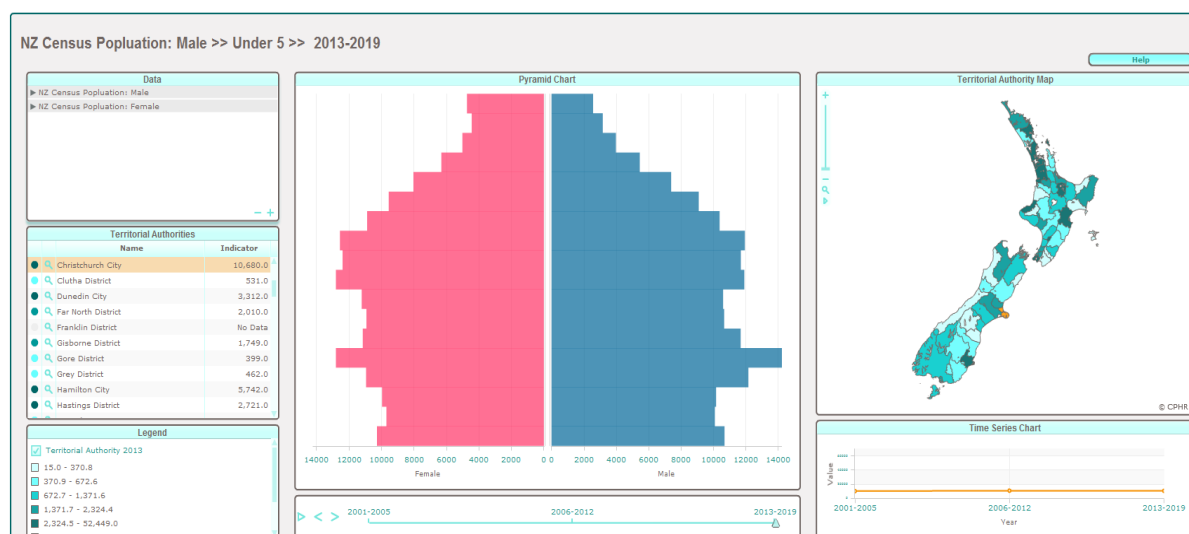
Maria has been discussing ideas with several advisors, and recently presented on this issue to the Environmental Protection Authority's Ngā Kaihautū Tikanga Taiao (Māori Advisory Committee).

If you have any comments or further ideas, Maria Poynter would be grateful to hear them. Email m.poynter@massey.ac.nz.

2013 New Zealand Census

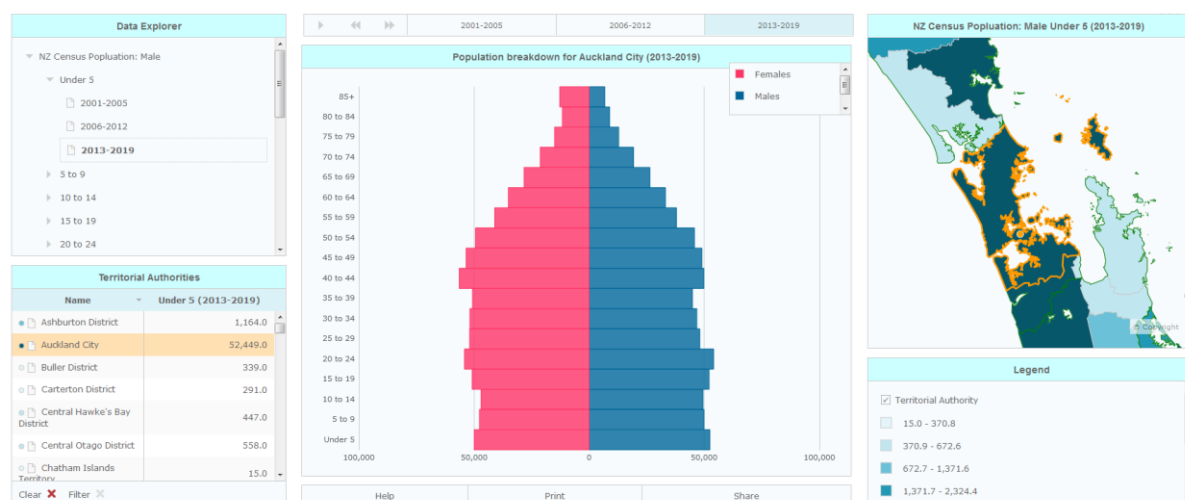
As part of our update programme for CPHROnline, census data is being loaded into dataviews as it becomes available. Check out the Population Pyramid Dataview – which can be viewed either as an adobe flash report:

<http://cphronline/dataviews/report?reportId=247&viewId=92&geoReportId=1610&geold=14&geoSubsetId=>



or an HTML5 (suitable for phones and tablets):

<http://cphronline/dataviews/report?reportId=246&viewId=92&geoReportId=1610&geold=14&geoSubsetId=>



Pick an area, either from the list of Territorial Authorities or on the map, click on it and the population pyramid will appear. The slider allows you to view changes in population from 2001 to 2013 as an animated sequence.

HSDIRT update

HSDIRT module available in two further Patient Management Systems

The HSDIRT module has now been successfully introduced into two further Patient Management Systems i.e. My Practice and Profile for Windows. BPAC is continuing on work to make the HSDIRT available in the remaining PMSs.

HSDIRT reports available in April

In the next couple of weeks, CPHR will provide each PHU with a 2013 report comprising EpiSurv lead and HSDIRT notifications. CPHR is keen to hear your feedback regarding this report or suggestions for how data presentation can be improved.

The frequency of these reports will vary for different PHUs based on the number of cases received; PHUs with a greater number of notifications will receive quarterly reports and those with fewer notifications will receive six monthly reports.

CPHR can perform additional analyses on request, for example, GIS coding of cases. These can be discussed by contacting Helene Marsters (email address t.h.marsters@massey.ac.nz, or 0800 588 265).



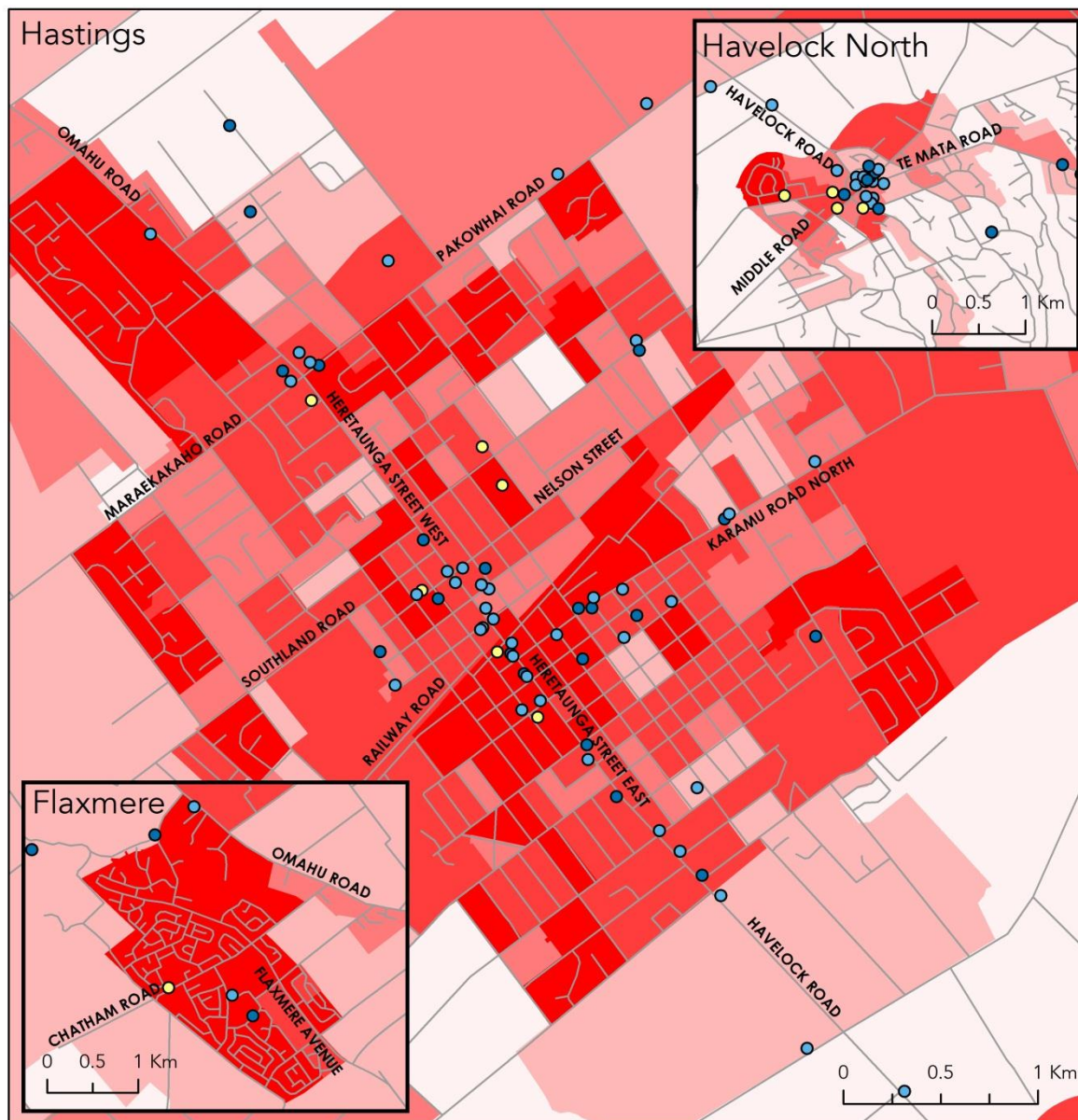
We are updating our website (www.ehinz.ac.nz) over the coming months. We want to make it easier for you to read and explore the environmental health information we produce. The update will include improved user navigation, more engaging content, and data visualisations. We look forward to letting you know more in the near future.

The Hawke's Bay DHB requested a series of maps showing alcohol licenced premises and social deprivation. We produced the maps using a dataset we geocoded from the Alcohol Regulatory and Licensing Authority, and deprivation deciles at a meshblock level. Each map showed an interest area for the Hawke's Bay DHB. The maps aim to give contextual information about those who live near premises and are available on request.

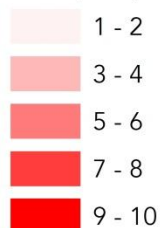
The map shows the licenced premises predominantly along Heretaunga Street in the town centre. Census Area Units with NZDep Deprivation Deciles 9 and 10 are dispersed in the city centre and residential areas in the north, southeast and west of Hastings.

Liquor Licences and Social Deprivation:

Hastings, Havelock North and Flaxmere



NZDep Deprivation Decile 2006



Liquor Premises by Licence Type



Data Sources: NZDep06 was produced by Dept. Public Health, University of Otago, Wellington from data collected by Statistics New Zealand as part of the 2006 New Zealand Census of Population and Dwellings. Licensed premises data was provided by Hawke's Bay DHB.

Author: Andrew Parnell

Publication Date: November 2013

Disclaimer: Information from CPHROnline is based on data from a wide range of organisations, each of whom take responsibility for the information they submit. Whilst every effort has been made to ensure accuracy, responsibility for the integrity of the data rests with its creator. All data displayed on outputs from CPHROnline is from publicly available sources. All reasonable measures have been taken to ensure the quality and accuracy. If you believe that any of this information may be inaccurate, please contact us at: cphr@massey.ac.nz

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MNZEH News

After months of planning, weeks of packing and unpacking, the Centre for Public Health Research (CPHR) moved out from Adelaide Road and into the Wellington Campus, Massey University.

We are now located in Block 3 where we share level 4 with the Sleep/Wake Research Centre. The EHI team has amazing new offices with wider spaces and much better lighting!! Our new offices offer a better equipped seminar room, video conference room and new laboratory. Being located in the campus provides us easy access to the library, lecture theatres and other university facilities.

We are excited about our continued work in developing and exploring current and potential projects. With close and easy access to state-of-the-art facilities at Massey University, the EHI team is even more motivated to achieve the goal of becoming the hub for Monitoring New Zealand's Environmental Health.



Environmental Health Websites

The MNZEH team recommends you visit: CPHROnline (<http://cphronline.massey.ac.nz>), which maps health data, and Environmental Health Indicators website: www.ehinz.ac.nz, which reports on 60 core environmental health indicators.

More recently, census population pyramids by age and gender can be accessed through CPHROnline (<http://cphronline.massey.ac.nz/dataviews/>). You can choose a region and find out their population structure. You can also use the slider to change from the 2001 to 2013 census. Quite cool!

In the coming month, factsheets regarding New Zealand livestock density, New Zealand population growth and passenger arrivals will be updated on our EHINZ website, be sure to have a look.

Postgraduate Study

We would like to alert you to training opportunities CPHR is providing in environmental health. Next semester (July-November) we are offering the Environmental Health paper. [Click here](#) for more details.

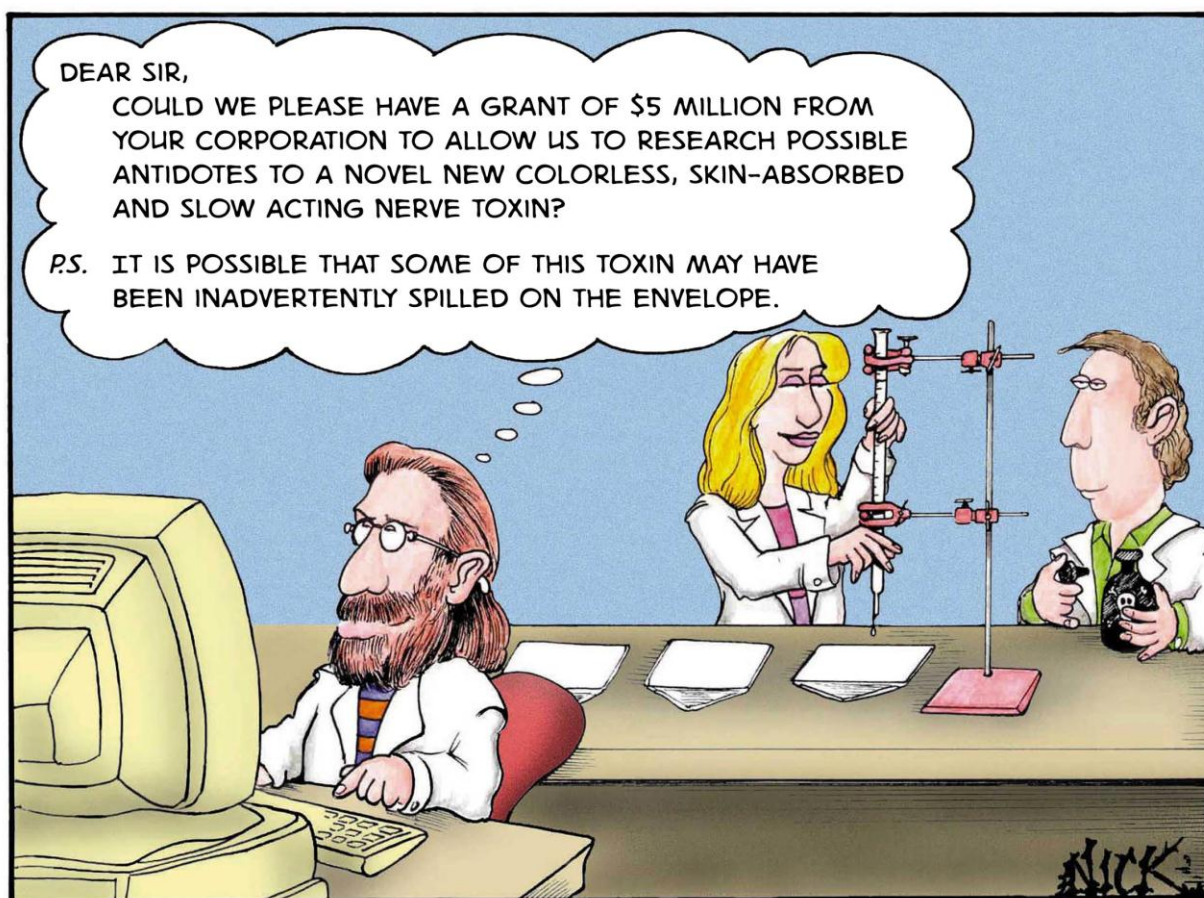
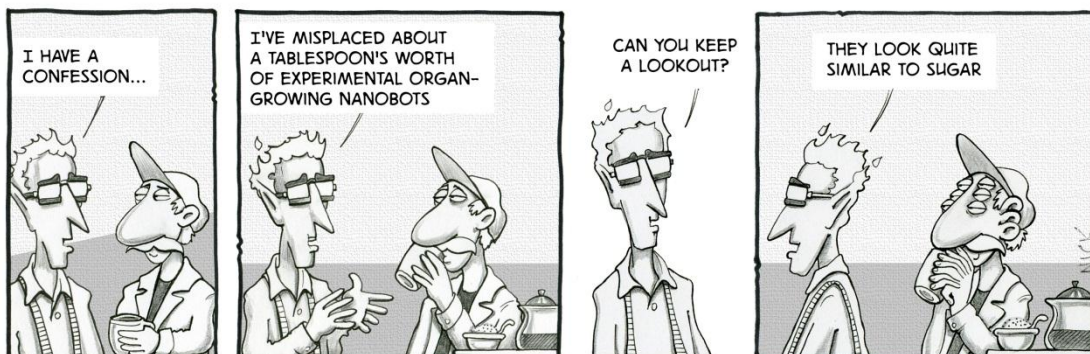
Moreover, in July, Professor Allan Smith, University of Berkley, will be giving a one day short course on Environmental Epidemiology.



Allan H. Smith, MD, PhD

Allan Smith has been Professor of Epidemiology at the School of Public Health in the University of California, Berkeley, since 1983, where he currently teaches courses in occupational and environmental epidemiology, causal inference and meta-analysis. He directs the Arsenic Health Effects Research Program involving studies of many different health effects of arsenic in drinking water including studies in Argentina, Chile, India, Bangladesh and the United States. As well as cancer studies, he has directed studies of chronic respiratory disease, pregnancy outcomes, cognitive function in children, arsenic skin lesions, cardiovascular disease, interactions of arsenic with diet and micronutrients, studies of arsenic metabolism, molecular epidemiology studies, and studies

of adult diseases following early life exposure. Study designs employed in this work include ecological studies, cross-sectional population studies, case-control studies and cohort studies.



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