

RE: census counts, population projections, methods

From : David Arthur Swanson <david.swanson@ucr.edu> Tue, Oct 30, 2012 11:44 AM
Subject : RE: census counts, population projections, methods 1 attachment
To : Warren Munroe
<wmpopulationanalysis@shaw.ca>, Lucky Tedrow
<Lucky.Tedrow@wwu.edu>

30 Oct 12

Thanks, Warren, for the letter.

FYI, attached is a description of what we and most others currently use in regard to small area population projections, the Hamilton-Perry Method.

Keep in touch.

Best regards,

David

c. Lucky

attach(1): Swanosn Scnlottmann and Schmidt 2010.pdf

David A. Swanson, Ph.D.

Professor of Sociology

University of California Riverside

Riverside, CA 92521 USA

email:david.swanson@ucr.edu

From: Warren Munroe [wmpopulationanalysis@shaw.ca]
Sent: Tuesday, October 30, 2012 10:32 AM
To: David Arthur Swanson; Lucky.Tedrow@wwu.edu

Subject: census counts, population projections, methods

Hello David and Lucky,

In an effort to create population projections using an easy and understandable method based on readily available open data, that can be verifiable and reproducible, I developed a method using Statistics Canada's 1996, 2001, 2006, and the 2011 (released May 29, 2012) age sex census counts.

This method can be used for small population census areas by using 5 year age groups to compare with the five year census counts.

I have found this approach to be very promising. Age / sex distribution and total population projection comparisons at the national level show similarities with UN median variant projections to 2061.

In preparation for presentations, including a paper at the Los Angeles American Association of Geographers (Population Specialty Group), I read have been reading various journals and this morning found your paper thru the Canadian Population Society "Using cohort change ratios to estimate life expectancy in populations with negligible migration: A new approach" (Swanson and Tedrow,2012).

Thank you for your work on this. I look forward to exploring your methods further.

My goal is to improve awareness of the methods and models used to create population estimates and projections fundamental to understanding social and economic activity in relation to environments.

To do this I have

- 1) created a Population Research Course, to be available in-class or on-line, and
- 2) initiated a project to provide population projections from the local, regional state/province to national levels to be made available via an internet website.

If you know of anyone (including yourselves) or group or university that would be interested in providing support for such efforts please let me know.

Warren

Warren Munroe, M.A.

Population Research and Analysis

WM Population Analysis, www.wminfomatics.com/PopGeog/home.html

WM Infomatics, www.wminfomatics.com/

wmpopulationanalysis@shaw.ca, or dynamicanalytics@shaw.ca

250-752-0683

Member of the Population Groups for the Canadian Association of Geographers and the American Association of Geographers, and the Canadian Population Society, and the Royal Society Population Group list server.

Visit www.wminfomatics.com/PopGeog/Refs.html to see what people are saying about Warren Munroe's Population Analysis.

Swanson Schlottman and Schmidt 2010.pdf

268 KB
