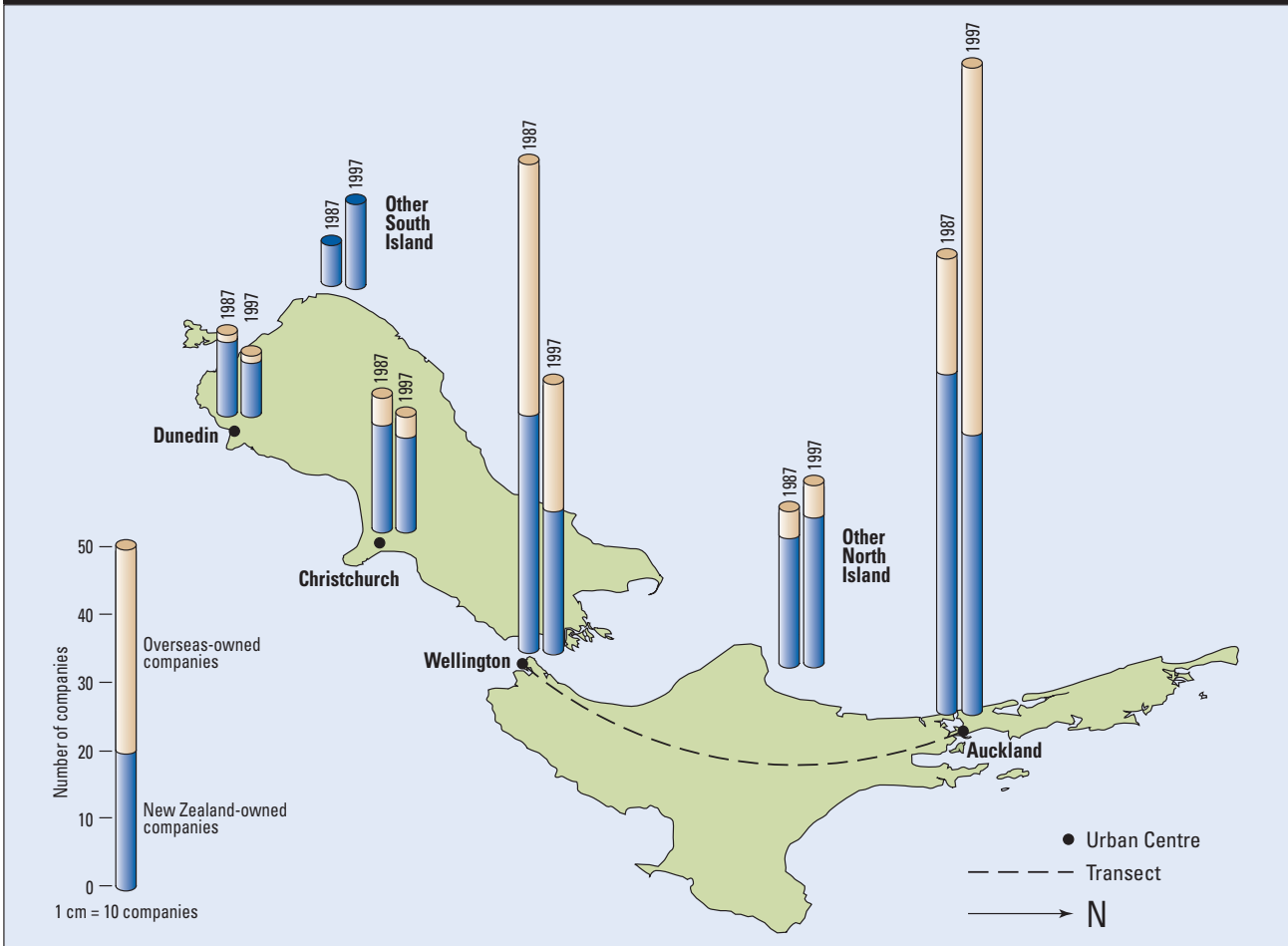


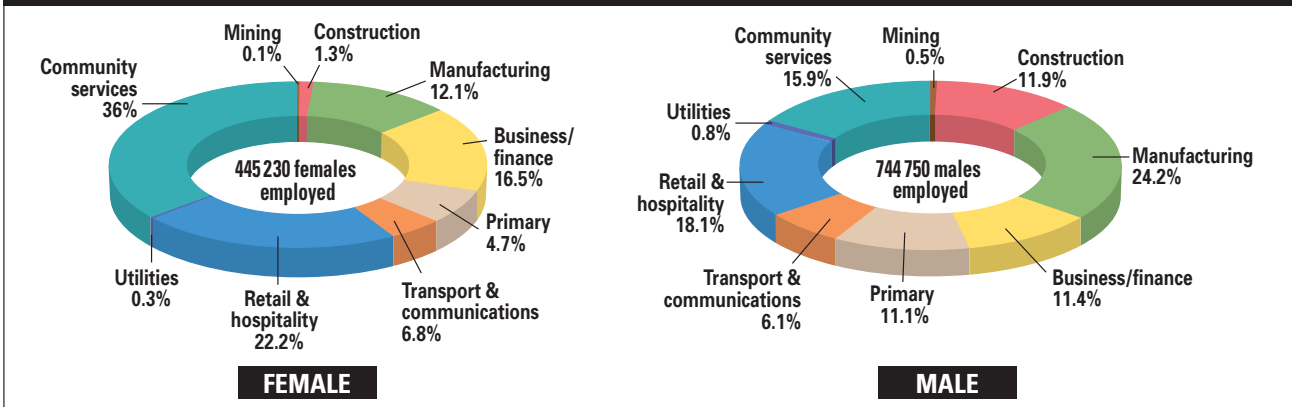
NEW ZEALAND

Source A — The Top 200 Companies, 1987 and 1997



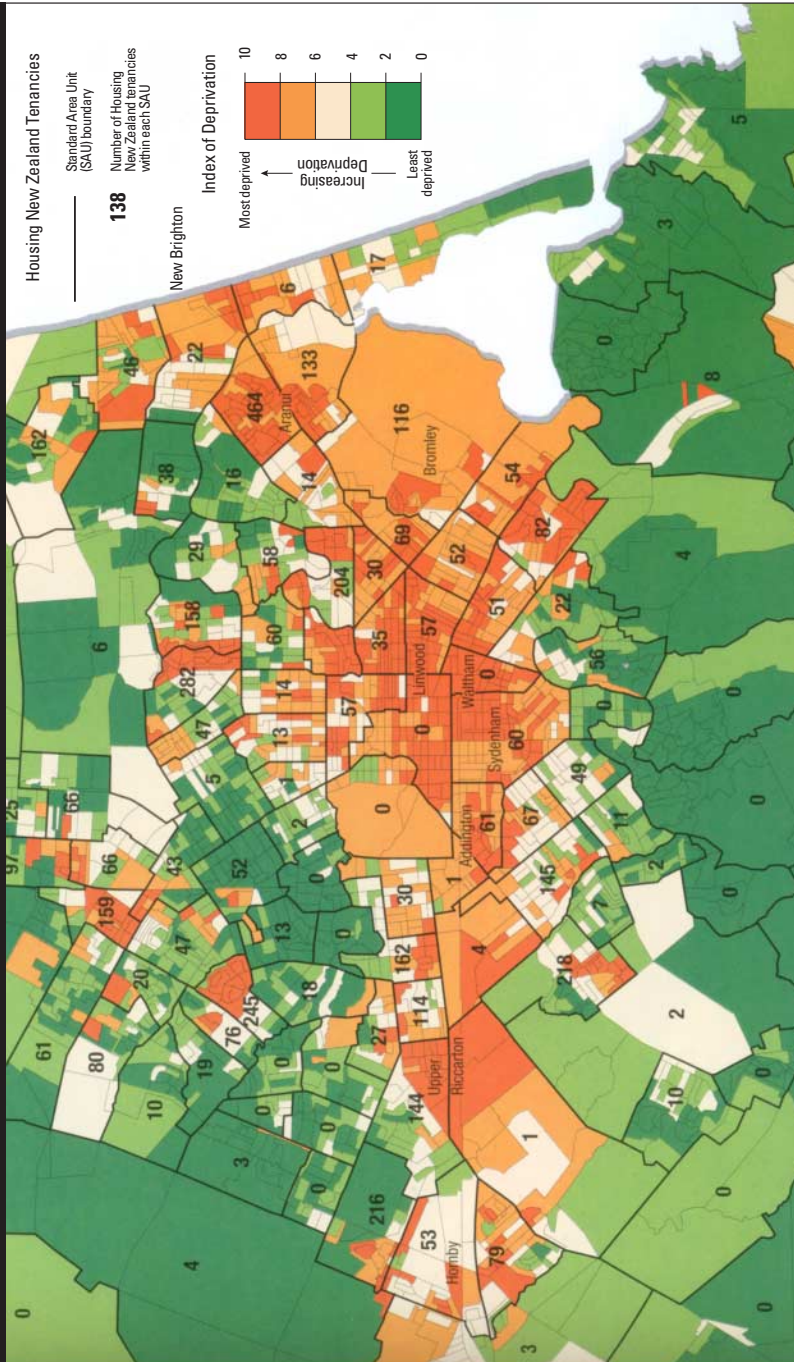
Kirkpatrick, Russell, 1999, *Bateman Contemporary Atlas of New Zealand*, David Bateman Ltd, Auckland.

Source B — Full-time Employment by Industry, 1996



Kirkpatrick, Russell, 1999, *Bateman Contemporary Atlas of New Zealand*, David Bateman Ltd, Auckland.

Source C — Index of Deprivation, Christchurch City by Meshblock 1996 Census



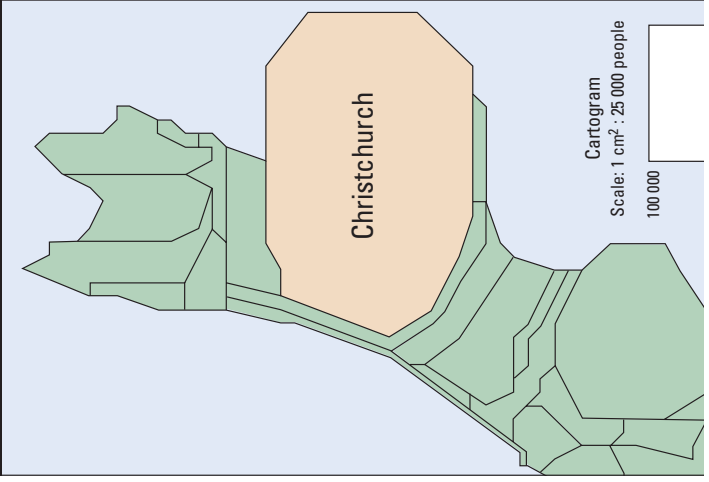
Source D — Deprivation

The Christchurch Urban Area demonstrates a clear geographical spread based on the Index of Deprivation (IOD).

Deprivation is the state of being worse off than the society in which one lives. The IOD is based on:

- access to telephone
- income from government benefits
- unemployment
- income level
- access to a motor vehicle
- single parent families
- low qualifications
- level of house ownership
- living space

Source E — Cartogram

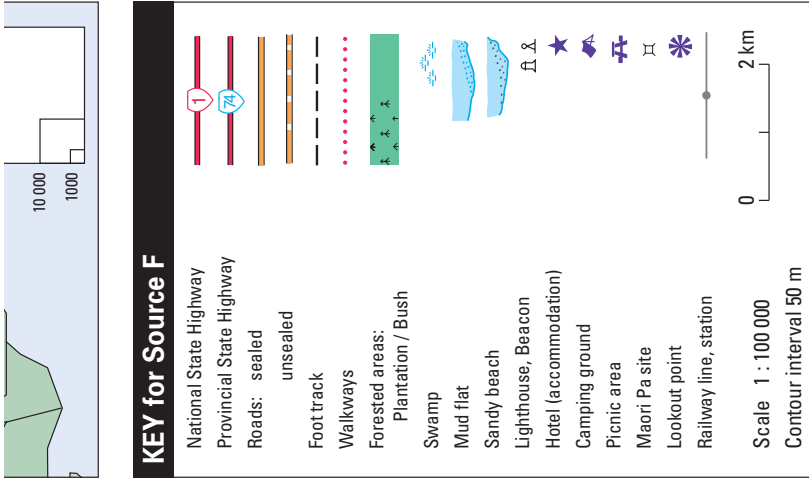
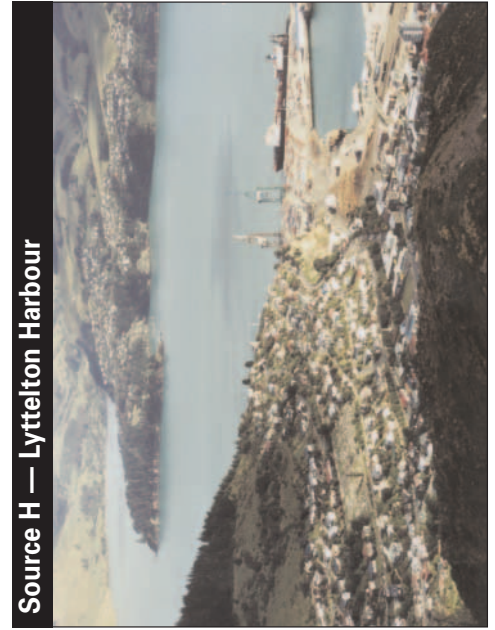
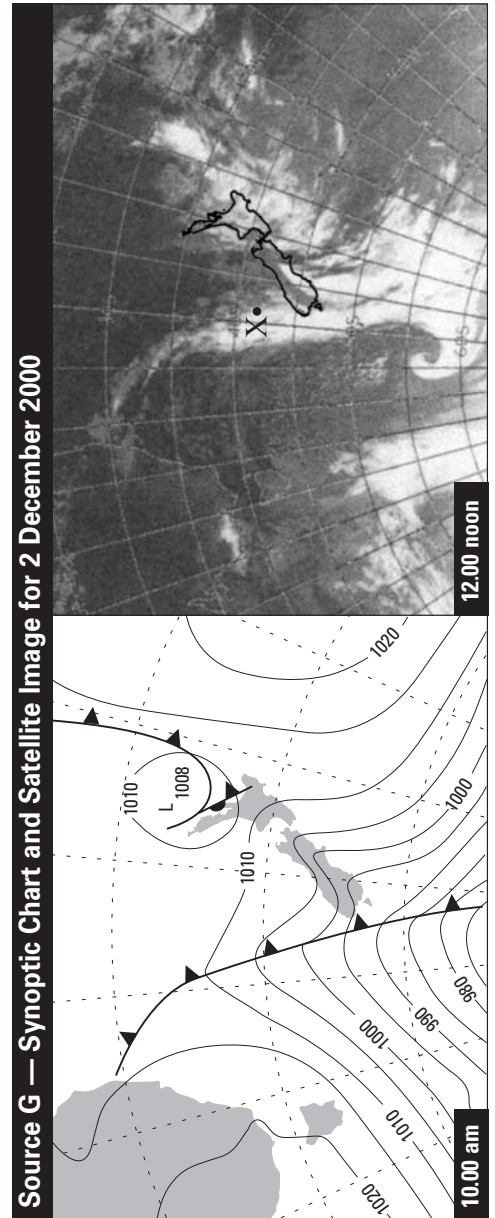
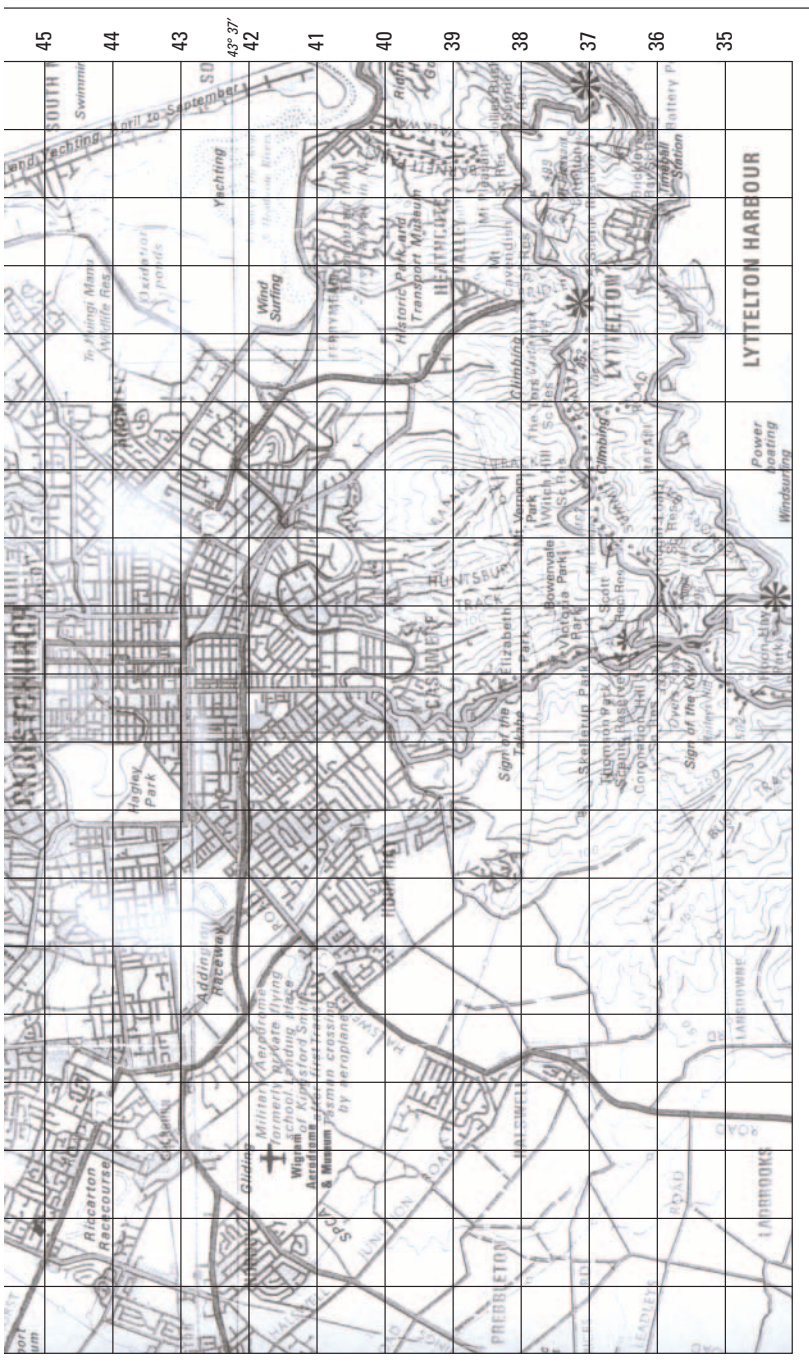


Kirkpatrick, Russell, 1999, *Bateman Contemporary Atlas of New Zealand*, David Bateman Ltd, Auckland.

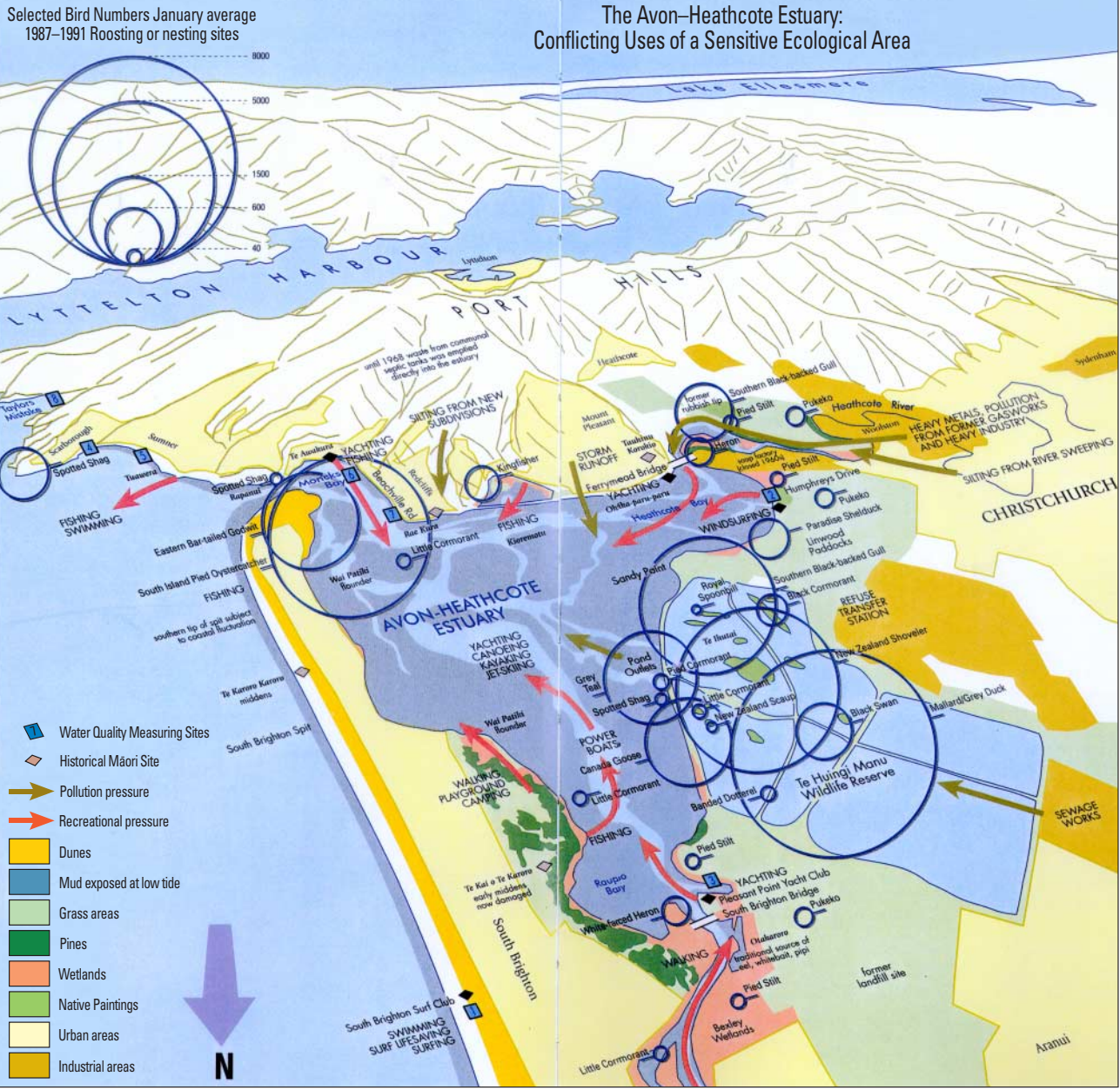
Source F — Topographic Map – Christchurch



Kirkpatrick, Russell, 1999, *Bateman Contemporary Atlas of New Zealand*, David Bateman Ltd, Auckland.

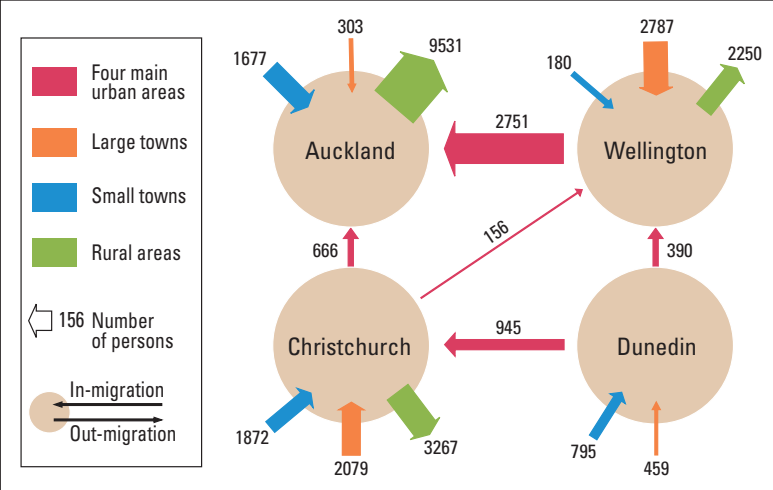


Source I — Resource Management of the Avon-Heathcote Estuary, 2000



Kirkpatrick Russell, 1999, Bateman Contemporary Atlas of New Zealand, David Bateman Ltd, Auckland.

Source J — Net Internal Migration: Four Main Urban Areas 1991-96



Source K — Sediment Core

