

Population flows between cities

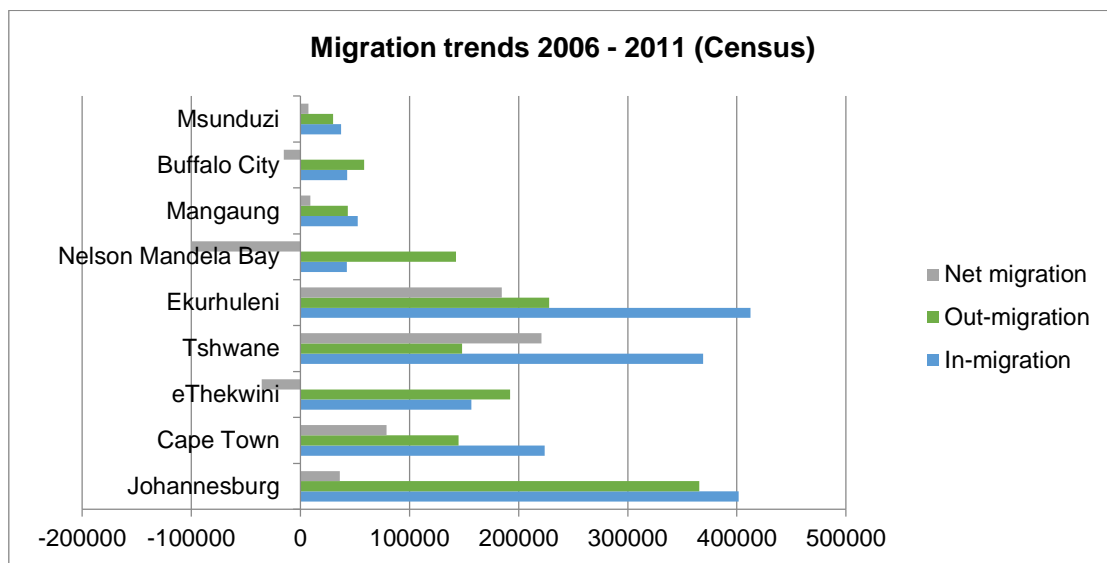
Amy Pieterse
CSIR, Built Environment

Date: June 2015

For more information contact apieterse@csir.co.za

Citation: Pieterse, A. 2015. *Population flows between cities*. CSIR document. Available on www.stepsa.org

Most of the 9 cities saw a net gain of population due to migration except for Nelson Mandela Bay, eThekweni and Buffalo City. Nelson Mandela Bay saw over 142 000 out movements and the majority of these moves were to Cape Town and Buffalo City. Of the over 192 000 out movements from eThekweni, close to 30% were to Johannesburg and a notable proportion of the movements were also to Msunduzi. Tshwane saw the greatest net gain of population of which the major proportion originated from Ekurhuleni and Johannesburg.



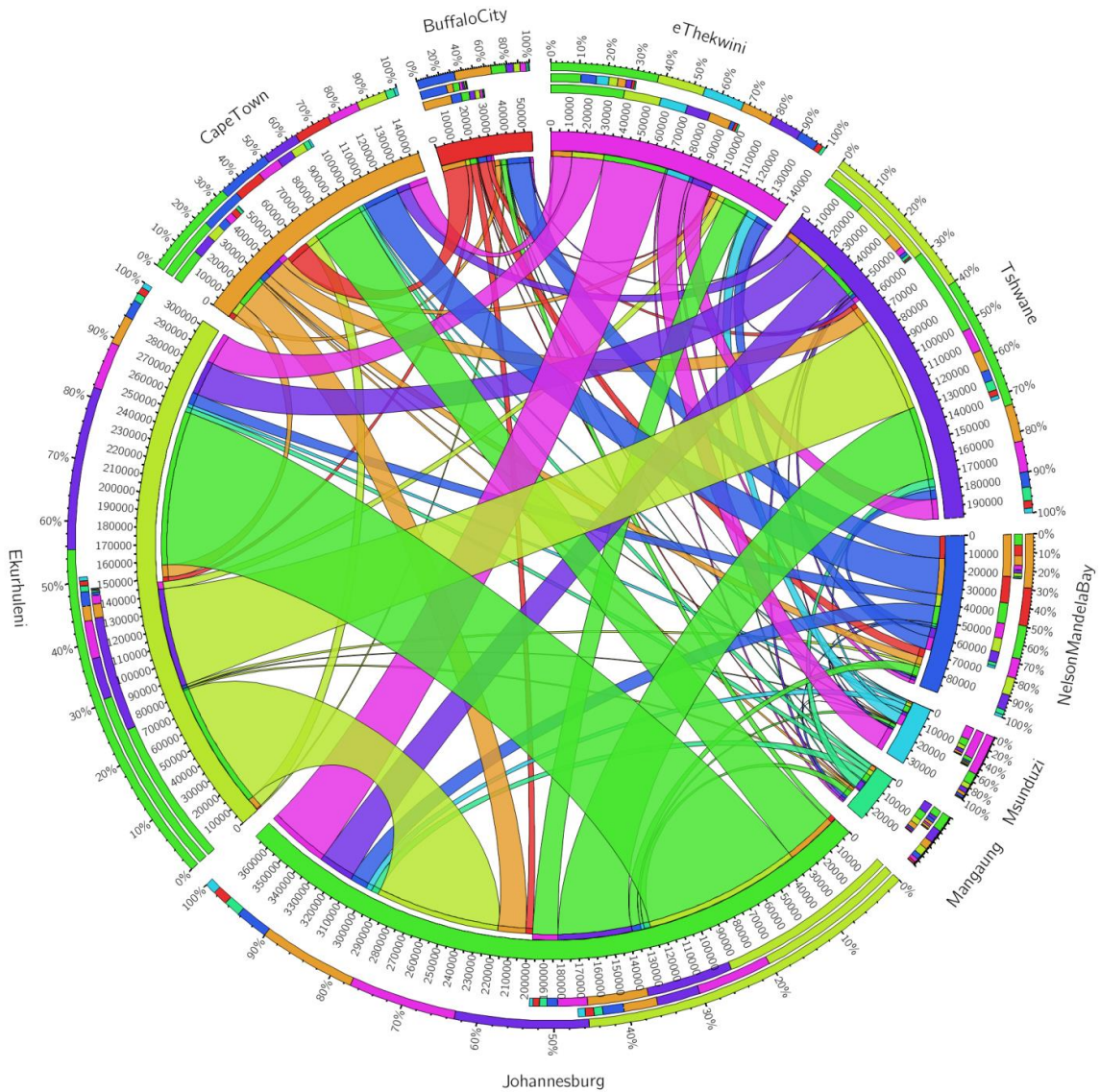
The circular flow diagram below illustrated the movement flows between 9 of South Africa's cities between 2006 and 2011, based on Census data. In the diagram migration flows touch the outer ring of municipality of origin and the flow lines stop short of municipality of destination. The flow volumes are represented by the extent and numbering of the outer ring. The diagram does not account for flows from or to any other cities outside of the 9 cities, but only for flows between these cities.

The most significant flows occur from Johannesburg to Ekurhuleni as well as from Ekurhuleni to Johannesburg. Around 30% of the over 412 000 people that moved to Ekurhuleni originated from Johannesburg and around 20% of the over 401 000 people that moved to Johannesburg, originated from Ekurhuleni.



The other high volume flows include:

- Ekurhuleni to Tshwane,
- Johannesburg to Cape Town,
- eThekweni to Johannesburg,
- Johannesburg to Tshwane,
- Nelson Mandela Bay to Cape Town, and
- Buffalo City to Cape Town.



Collaborators/Acknowledgements

Johan Martiz (CSIR)

Dr. Pieter Kok (Independent contractor for HSRC)