Using census for migration-related SDG indicators - South Africa

United Nations Expert Group Meeting
Improving Migration Data in the Context of the 2030 Agenda
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Statistics South Africa
Overview

- Censuses in SA
- Migration module
- Data dissemination
- SDG indicators
- Challenges
- Future plans
Censuses in SA


Census provides data that can be easily disaggregated by migratory status.

Migration module in the 2010 round of censuses include questions on:
• Province/country of birth
• Year moved to SA
• Citizenship
• Usual residence
• Previous residence
# Lifetime migration

<table>
<thead>
<tr>
<th>P-07 PROVINCE OF BIRTH</th>
<th>P-08 COUNTRY OF BIRTH</th>
<th>P-08a YEAR MOVED TO SOUTH AFRICA</th>
<th>P-09 SOUTH AFRICAN CITIZENSHIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>In which province was (name) born?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>01 = Western Cape</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02 = Eastern Cape</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03 = Northern Cape</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04 = Free State</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>05 = Kwa-Zulu Natal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06 = North West</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>07 = Gauteng</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>08 = Mpumalanga</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09 = Limpopo</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 = Outside South Africa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 = Do not know</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Write the appropriate code in the boxes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If 01-09 or 11, Go to P-09</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In which country was (name) born?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use CAPITAL LETTERS only</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Examples: NEWZEALAND, BOTSWANA, SIERRALEONE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In which year did (name) move to South Africa?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If moved more than once into South Africa, please indicate the year of last move.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is (name) a South African citizen?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 = Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 = No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mark the appropriate circle with an X.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Example</td>
<td></td>
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</tr>
<tr>
<td>1 9 9 8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Previous residence

<table>
<thead>
<tr>
<th>P-11</th>
<th>P-11a</th>
<th>P-11b</th>
<th>P-11c</th>
<th>P-11d</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINCE 2001</td>
<td>MONTH AND YEAR MOVED</td>
<td>PROVINCE OF PREVIOUS RESIDENCE</td>
<td>MUNICIPALITY/MAGISTERIAL DISTRICT OF PREVIOUS RESIDENCE</td>
<td>CITY/TOWN OF PREVIOUS RESIDENCE</td>
</tr>
</tbody>
</table>

**Has (name) been living in this place since October 2001?**
- 1 = Yes
- 2 = No
- 3 = Born after October 2001 but never moved
- 4 = Born after October 2001 and moved

- 04 2002

- If 1 or 3, Go to P-12
- If 10, Go to P-12

**In which province did (name) live before moving to this place?**
- 01 = Western Cape
- 02 = Eastern Cape
- 03 = Northern Cape
- 04 = Free State
- 05 = Kwa-Zulu Natal
- 06 = North West
- 07 = Gauteng
- 08 = Mpumalanga
- 09 = Limpopo
- 10 = Outside South Africa
- 11 = Do not know

- Use CAPITAL LETTERS only

**In which municipality or magisterial district did (name) live before moving to this place?**

- Example: JOBURGMETRO

**In which city/town did (name) live before or what was the nearest city/town?**

- Example: JOHANNESBURG

**When did (name) move to this place?**

- Write the month and year in the appropriate boxes.

- Example: 0 4 2 0 0 2

- Write the appropriate code in the boxes.

- If 10, Go to P-12
Dissemination of data

• Census data are publicly available on Stats SA website

• Census 2011 was available 1 year after data collection

• 10% of the data available online

• Data available in different statistical packages
SDG indicators measured through census

• 1.1.1 Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural)

• 5.5.2 Proportion of women in managerial positions
…SDG indicators measured through census

- 8.3.1 Proportion of informal employment in non-agriculture employment, by sex

- 8.5.1 Average hourly earnings of female and male employees, by occupation, age and persons with disabilities
8.5.2 Unemployment rate, by sex, age and persons with disabilities

8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training

10.2.1 Proportion of people living below 50 per cent of median income, by sex, age and persons with disabilities
Strengths and limitations of census data

- Universal coverage of the population
- Disaggregation is possible for migration and other demographic and socio-economic variables
- Census provides the most reliable and comprehensive information on migration
- Censuses conducted decennially although the constitution provides for 5 years
- Large questionnaire with more than 100 questions
- Undercount of over 10%
Challenges with other sources of data

- 3.1.1 MMR and 3.2.1 U5MR using VRS
  - Data on VRS are available and are usable.
  - However, there is just over 10% of unspecified cause of death.
  - Completeness for Adult mortality is over 90%
  - Low coverage of childhood deaths
    - 85% for deaths at age 0
    - 54% for deaths at age 1.
    - Coverage increases with age at death from 1-14 years
Future plans

• Plans for census 2021 underway

• Paper Assisted Personal Interviews (PAPI) to Computer Assisted Personal Interview (CAPI)

• Investigation of other data collection methods
  • Telephone (CATI)
  • Internet (CAWI)

• Collaboration with academia, research institutions and government departments on improving migration data.