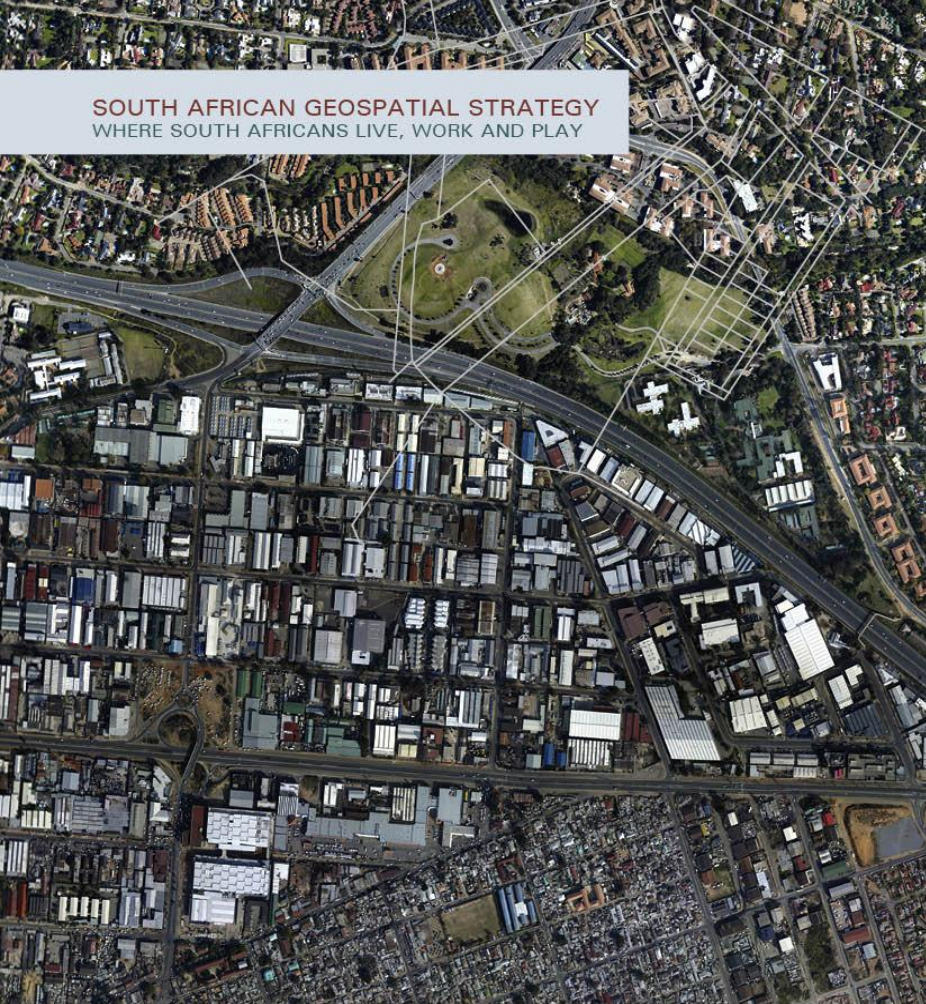


SOUTH AFRICAN GEOSPATIAL STRATEGY
WHERE SOUTH AFRICANS LIVE, WORK AND PLAY



Geography Division
Statistical Support and Informatics
Stats SA

THE SOUTH AFRICA I KNOW. THE HOME I UNDERSTAND



Marlanie Moodley

Statistics South Africa



your leading partner in quality statistics



Vision

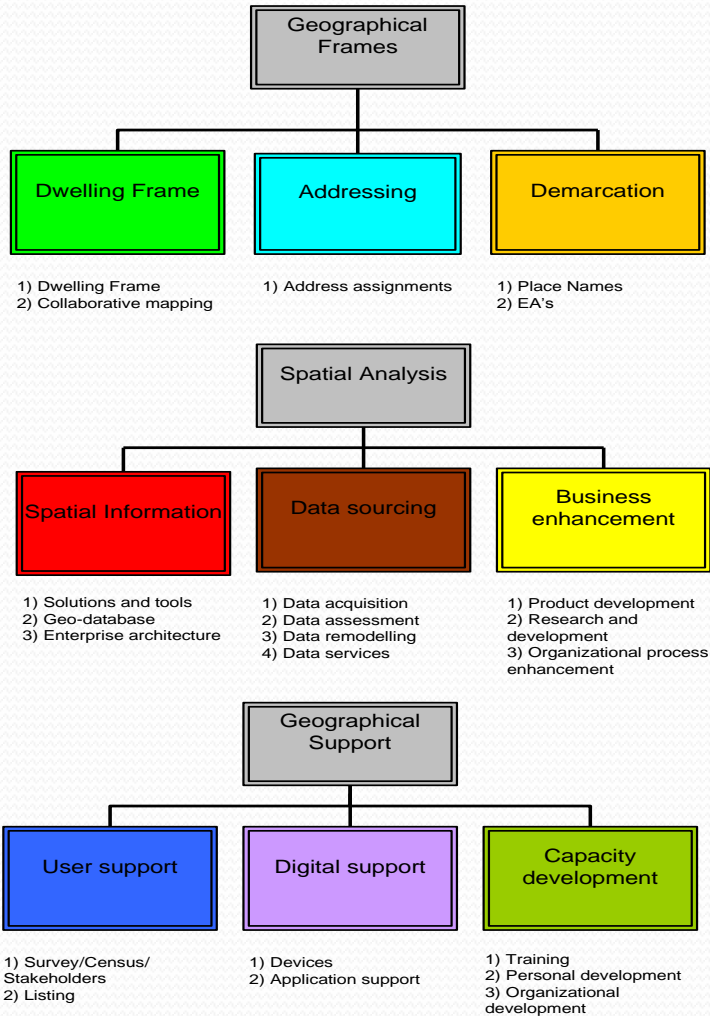
‘To know and understand where South Africa lives, works and play’

Mission

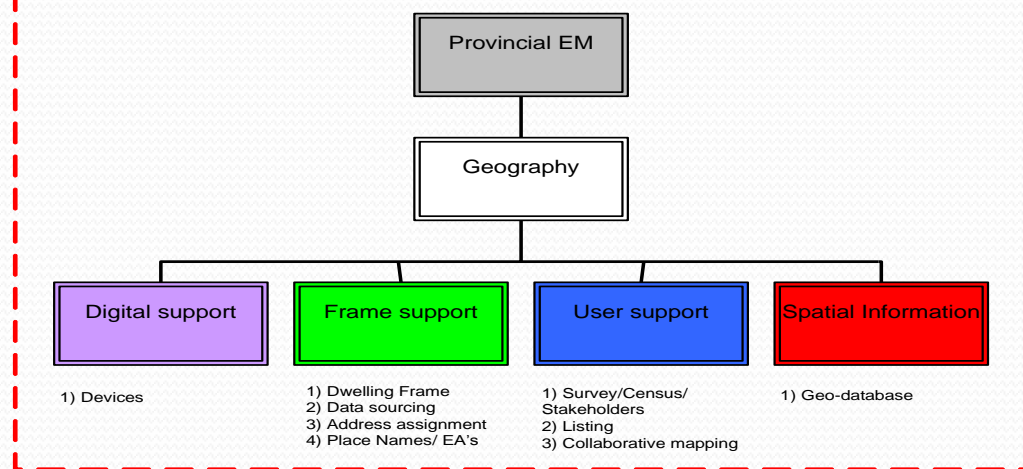
‘To enable and simplify evidence-based decision making by spatially contextualising where South Africa lives, works and play’

Proposed Structure

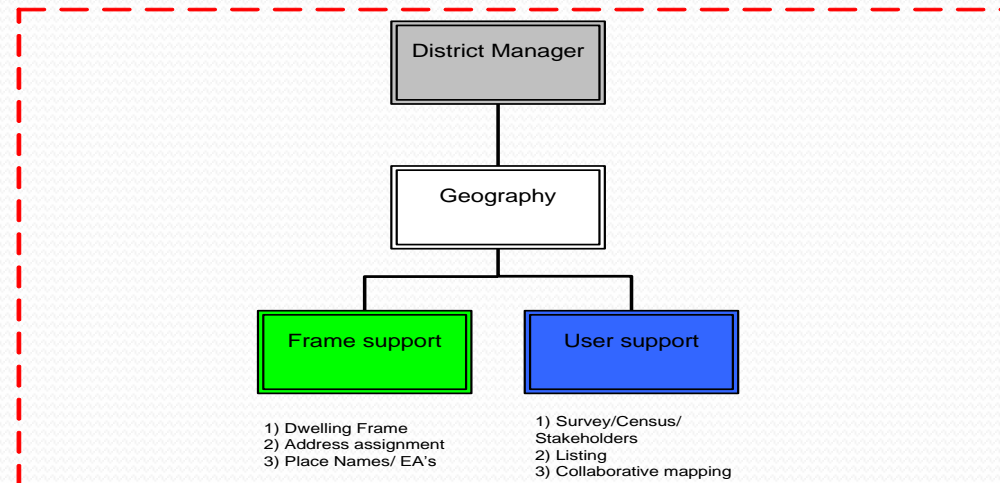
Head Office



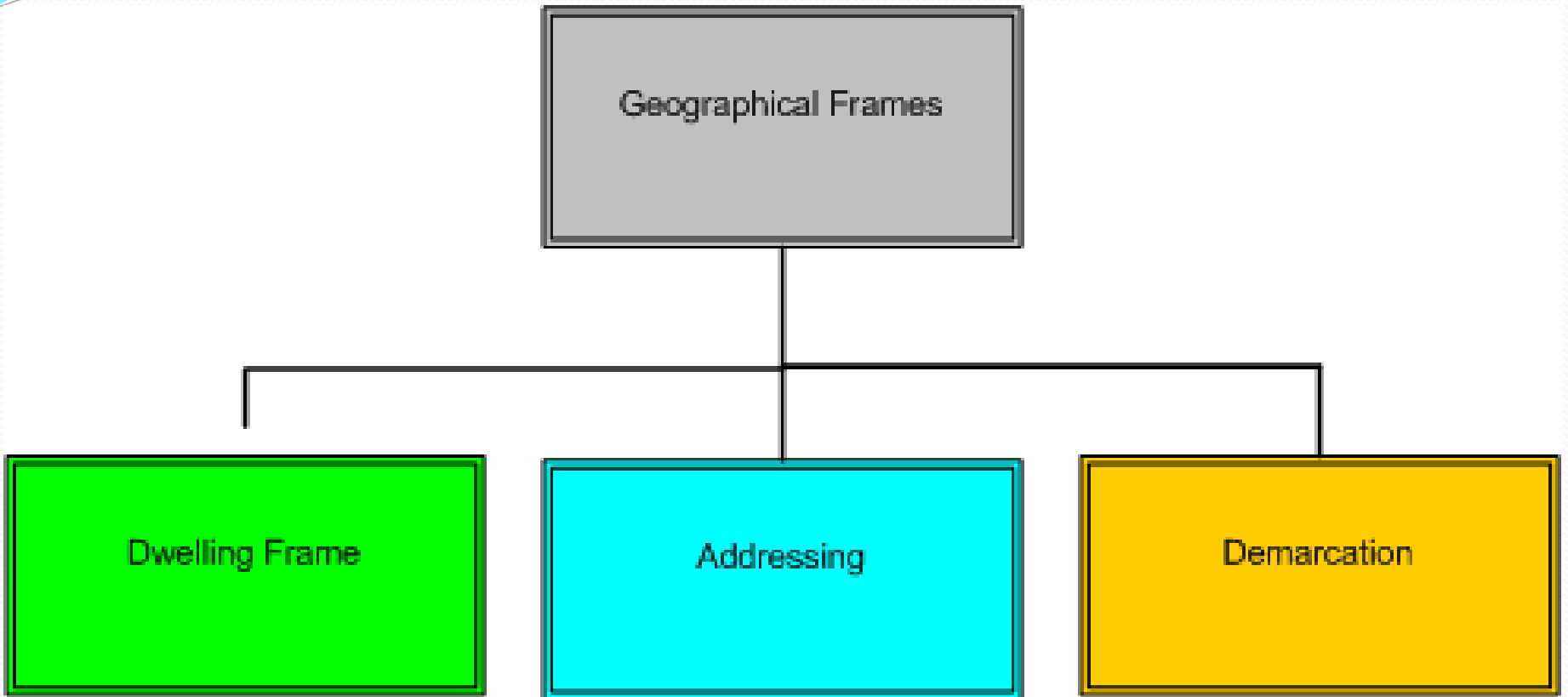
Province



District



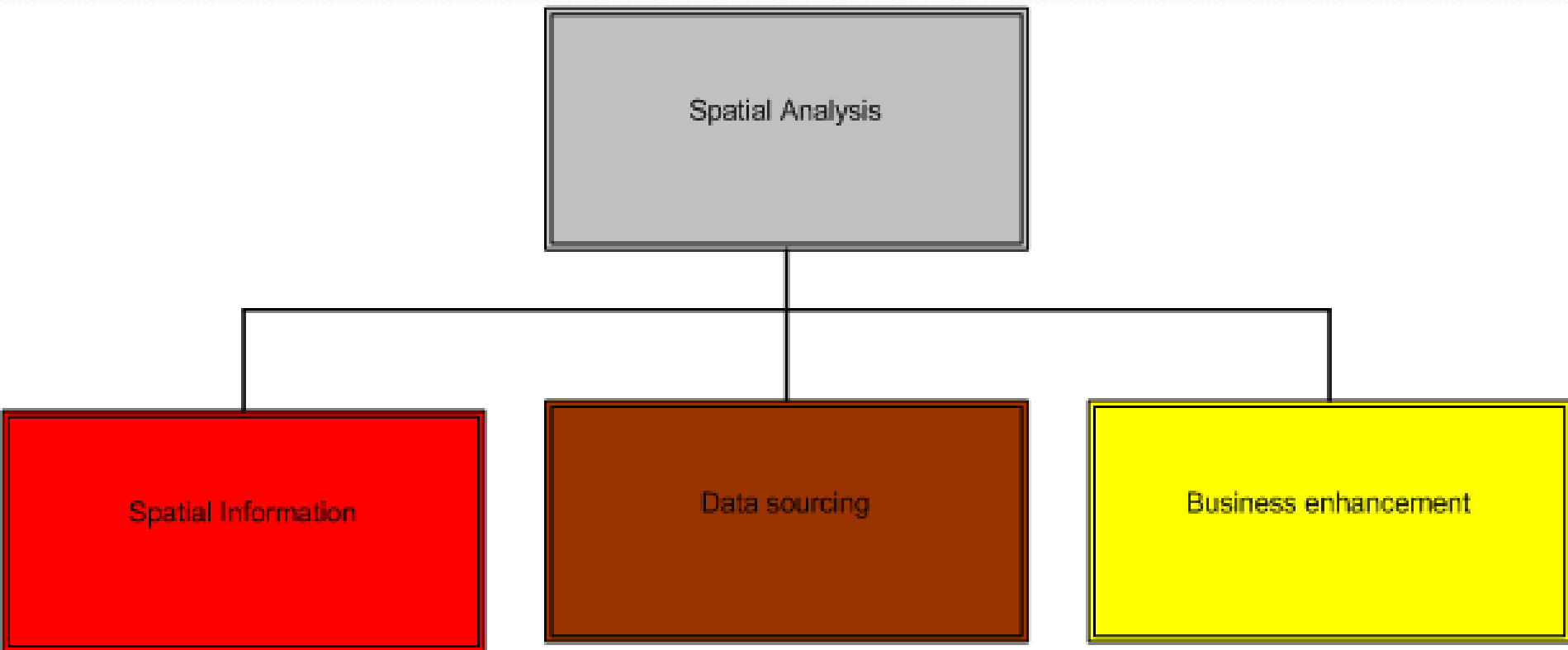
Proposed Structure



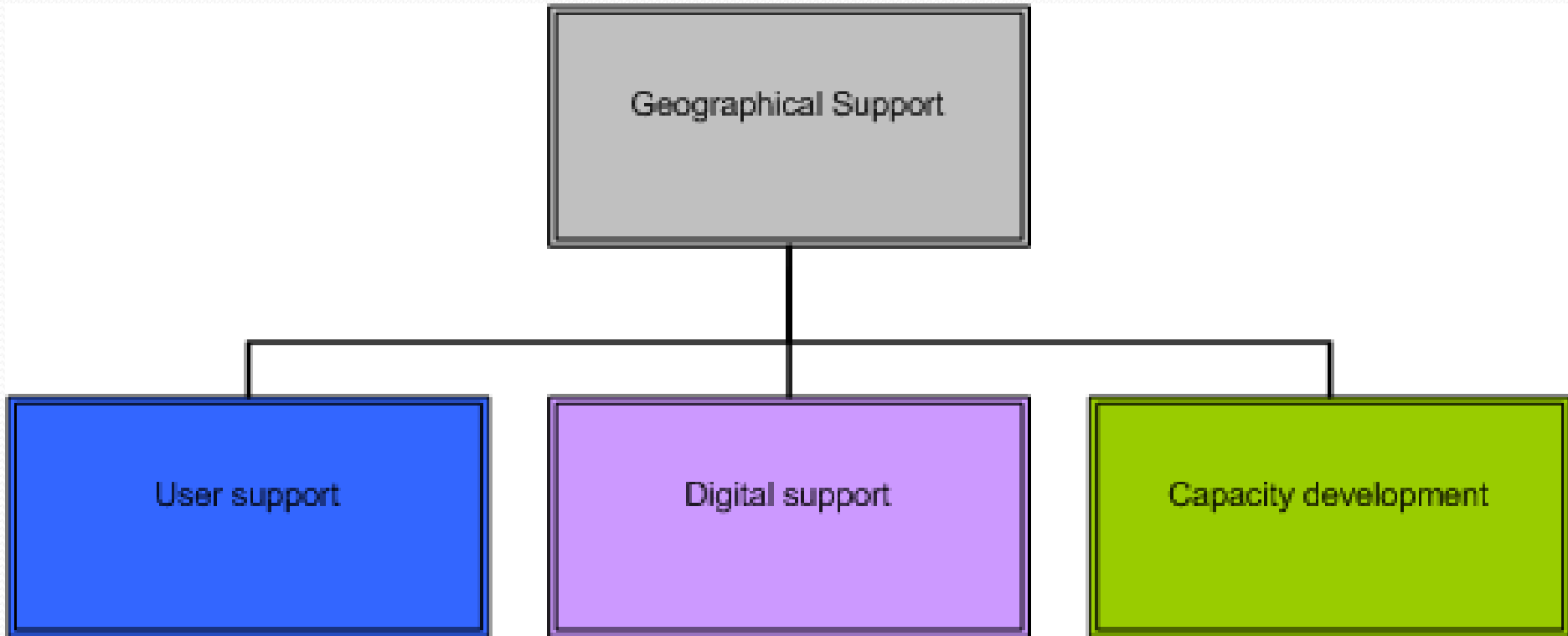
Listing Capture

Addresses

Proposed Structure



Proposed Structure



- 1) Census Support
- 2) User Support

Objectives – Geography Strategy

Objective 1: To improve the geographic information base by developing and maintaining a spatial information frame. ➡

Objective 2: To expand the statistical information base through spatial analysis and research

Objective 3: To expand the use and implementation of geospatial technologies
➡

Objective 4: To lead in the development and coordination of spatial information within the geospatial community

Objective 5: To invest in learning and growth to expand the geospatial skills and knowledge base

Objective 6: To promote international cooperation and participation in geospatial information

Census – Did you know

❑ Planning maps

- National- 1
- Provincial- 9
- District- 52
- Local Municipality- 234

❑ Operational maps

- Orientation - 103 576
- Index - 103 576
- Zoom-in – 100 785
- Fieldwork Supervisor (FWS) -26 241
- Fieldwork Coordinator (FWC) - 5 282
- Combination of these went 110292 EA summary books
- Fieldwork Coordinators - 6000
- Quality Assurance Monitors- 6000
- Fieldwork Supervisors - 30 000
- Fieldworkers- 120 000



Employment levels back to pre-recession peak but absorption rate lower

Employment levels at 14 million in Q: 2013 are now back to the Q4: 2008 peak. The working age population however, has increased by 2,3 million over the period Q4: 2008 to Q3: 2013 such that the percentage of South Africans aged 15-64 years with jobs (the absorption rate) has declined from 45,0% in Q4: 2008 to 41,9% in Q3: 2013.

[read more >](#)

Key Statistics

The People

Population 51,8 million (Oct 2011)



Unemployment 24,7% q/q (Q3-2013)

The Economy

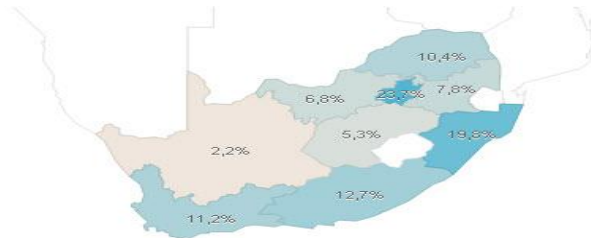
The Living Conditions

The Natural Environment

Population

Year

6,6 million Eastern Cape 2011



Explore

Statistics by place

Municipalities

Statistics by theme

- Agricultural Statistics **New!**
- Work & Labour Force
- Causes of Death
- Poverty
- Economic Growth
- Inflation

Publication Schedule

- 13 Nov, Retail trade sales
- 14 Nov, GHG series V: Energy

[more >](#)

Recently Published

- Manufacturing: Production and s...
- Manufacturing: Utilisation of p...
- Mining: Production and sales

[more >](#)

What's on the field

What's on the field

Press Room

- Press Statements
- Data Stories
- Public Data Explorer
- Interactive Graphs
- Media Contact
- Publication Schedule

My Municipality

- IDP's
- My ward, My councillor

In My Classroom

- Census @ Schools
- Maths4Stats
- Mbalo Brief

Tools

- Digital Atlas
- PX-Web
- Maps Alive
- Mobi
- Personal Inflation Calculator
- Roambi
- SuperWeb
- Time Series Data
- Nesstar

Links

- Millennium Development Goals
- National Development Plan
- National Statistics System (NSS)
- SASQAF
- GroupWise

Careers

- Vacancies
- Internship
- Bursaries

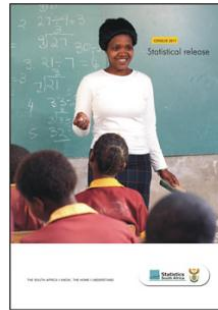
Publications



Total Population poster (pdf: 1.69Mb)



Post Enumeration Survey (pdf: 1.72Mb) PES 2011 publication has been withdrawn as two of the tables have to be edited to make them clear because the way they are explained currently may create confusion. The publication will be back on Statsonline on 06 November. We sincerely apologise for any inconvenience that this may cause.



Statistical Release(pdf: 3.51Mb)



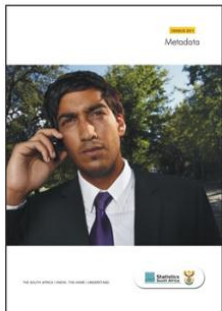
Total Population poster (pdf: 1.69Mb)



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Statistical Release(pdf: 3.51Mb)



Metadata (pdf: 1.85Mb)



The South Africa I know,
The Home I Understand (pdf: 7.91Mb)



Statistician General's results launch presentation (pdf: 4Mb)



Metadata (pdf: 1.85Mb)



The South Africa I know,
The Home I Understand (pdf: 7.91Mb)



Statistician General's results launch presentation (pdf: 4Mb)

Products

THE SOUTH AFRICA I KNOW, THE HOME I UNDERSTAND

DIGITAL CENSUS ATLAS



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[Reporting](#) [Metadata](#) [Help](#)



DIGITAL CENSUS ATLAS



Digital atlas

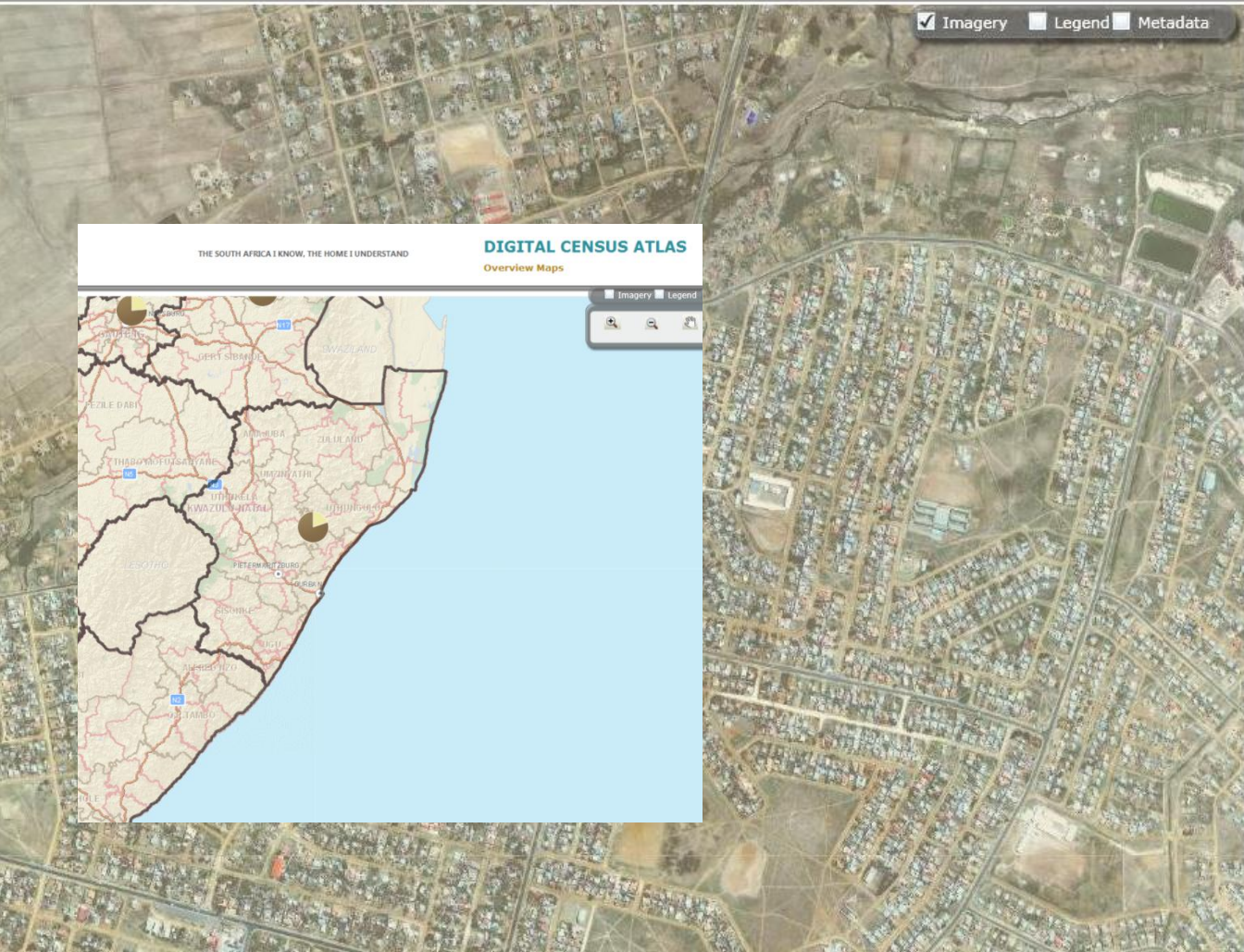
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Feature Map



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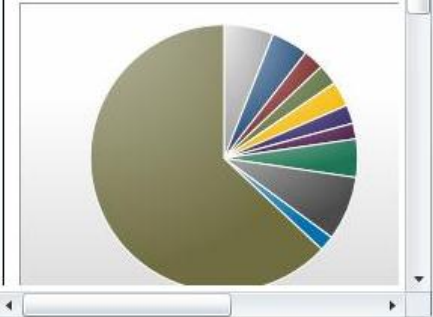


Amajuba

Previous View Population distribution by den

| | | |
|--------------|-------|--|
| Amajuba | 72.33 | |
| Zululand | 54.30 | |
| Umkhanyakude | 45.17 | |

Population distribution



Products

Maps Alive

login



THE SOUTH AFRICA I KNOW, THE HOME I UNDERSTAND

edition **PROVINCES** [Browse ...](#)

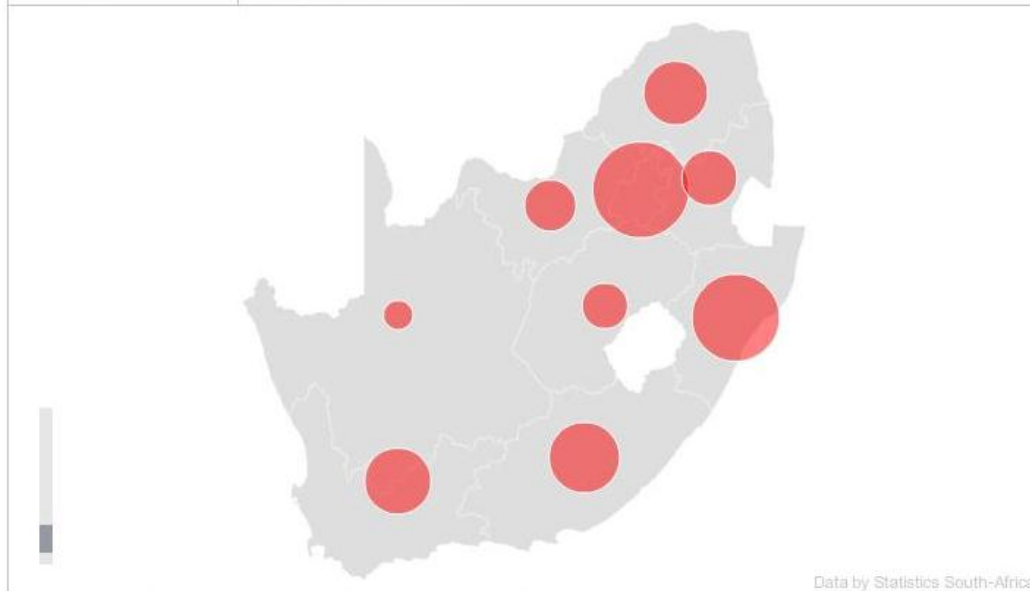
CENSUS 2011

Maps alive

topics province profiles highlights

Population numbers

presented by Statistics South-Africa



Data by Statistics South-Africa

legend

- Population (total)
- Population (change)

time 2011



ranking 123 ABC

- 1 Gauteng
- 2 KwaZulu-Natal
- 3 Eastern Cape
- 4 Western Cape
- 5 Limpopo
- 6 Mpumalanga
- 7 North West
- 8 Free State
- 9 Northern Cape

Provinces District Councils Municipalities

The population size of South Africa has increased noticeably from 44,8 million in 2001 to 51,8 million in 2011.

Gauteng was the province that housed the largest percentage of the population, at 23,7% of the population. The percentage of the population



Share this



[data \(xls\)](#) [map \(png\)](#) [link](#) [embed](#)

THE SOUTH AFRICA I KNOW, THE HOME I UNDERSTAND
















 Statistics
South Africa



 [Statistics database](#)

Select subject area

 **Database for South Africa**

-   **Census of commercial agriculture 2002**
-   **Community Survey 2007**
-   **DIF**
-   **Economic and Social series**
-   **Key Indicators**
-   **Mid-Year Estimates**
-   **Population Census**
 -   **Census 1996**
 -   **Census 2001 - Demarcation boundaries as at 10 October 2001**
 -   **Census 2001 - NEW Demarcation boundaries as at 9 December 2005**
 -   **Census 2011**

Database - Subject area - Table

Table: Table: Census 2011 by Province, type of main dwelling and population group of head of the household

Information: [Information details](#), [Footnotes](#)

Mark your selections and choose between table on screen and file format. [Marking tips](#)

| Province <input checked="" type="checkbox"/> - | Type of main dwelling - main <input checked="" type="checkbox"/> - | Population group of head of the household <input checked="" type="checkbox"/> - |
|--|---|--|
| Total:9. Selected: <input type="text" value="1"/> | Total:12. Selected: <input type="text" value="1"/> | Total:6. Selected: <input type="text" value="1"/> |
| <ul style="list-style-type: none"> Eastern Cape Free State Gauteng KwaZulu-Natal Limpopo Mpumalanga North West | <ul style="list-style-type: none"> House or brick/concrete block structure on a plot Traditional dwelling/hut/structure made of Flat or apartment in a block of flats Cluster house in complex Townhouse (semi-detached house in a complex) Semi-detached house House/flat/room in backyard | <ul style="list-style-type: none"> Black African Coloured Indian or Asian White Other Unspecified |
| Search <input type="text"/> <input checked="" type="checkbox"/> Text start | Search <input type="text"/> <input checked="" type="checkbox"/> Text start | Search <input type="text"/> <input checked="" type="checkbox"/> Text start |

For variables marked you need to select at least one value

Select an option and press

The table contains a total of 648 data cells (108 rows and 6 columns) Download total.

Presentation on screen is limited to 2000 rows and 50 columns.

Number of selected data rows Number of selected data columns

Table on screen, layout 1

Database - Subject area - Table - Variables and values

Edit and calculate Save As Graphs and Maps

Shortcuts:

Census 2011 by municipalities, age group, gender and population group

| KZN213: Umzumbe | | Black African |
|----------------------|--|---------------|
| Male | | |
| 0 - 4 | | 10 805 |
| 5 - 9 | | 9 757 |
| 10 - 14 | | 9 691 |
| 15 - 19 | | 10 199 |
| 20 - 24 | | 7 303 |
| 25 - 29 | | 5 207 |
| 30 - 34 | | 3 657 |
| 35 - 39 | | 3 084 |
| 40 - 44 | | 2 516 |
| 45 - 49 | | 2 539 |
| 50 - 54 | | 2 247 |
| 55 - 59 | | 2 142 |
| 60 - 64 | | 2 095 |
| 65 - 69 | | 1 175 |
| 70 - 74 | | 983 |
| 75 - 79 | | 451 |
| 80 - 84 | | 335 |
| 85 + | | 276 |
| KZN214: UMuziwabantu | | |
| Male | | |
| 0 - 4 | | 7 041 |
| 5 - 9 | | 6 366 |
| 10 - 14 | | 6 276 |
| 15 - 19 | | 6 236 |
| 20 - 24 | | 4 031 |
| 25 - 29 | | 2 979 |
| 30 - 34 | | 2 054 |
| 35 - 39 | | 1 780 |
| 40 - 44 | | 1 382 |
| 45 - 49 | | 1 343 |
| 50 - 54 | | 1 080 |
| 55 - 59 | | 912 |
| 60 - 64 | | 882 |
| 65 - 69 | | 474 |
| 70 - 74 | | 392 |
| 75 - 79 | | 190 |
| 80 - 84 | | 160 |
| 85 + | | 118 |

Products

ROAMBI



Conclusion

- GIS and the tools and its knowledge is meant to be shared.
- Very often we find that people only use GIS software to do simple processes and they think they are doing a great job.
- To do a great job we all must strive to use the full potential of the software especially because we are paying for it. Tap into the unknown, you will be surprised what you can do to impress the bosses.

Thank You