

# Administrative Units and Land Parcels: Descriptive Report<sup>©</sup>



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### DISCLAIMER:

This report is based on a data in the MapAble® data base. The report is the result of the integration of a series of existing data sets. However, it is not always possible to be definitive and precise in the application and integration of various data sets. The outputs represented on these pages are presented for use as it is. MapAble® has confidence in its technology and technical processes but there is no claim as to the correctness the data as MapAble® is not the data custodian, nor can MapAble® accept any responsibility for decisions taken based on these report outputs.

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# Administrative Units and Land Parcels

## 1 Introduction

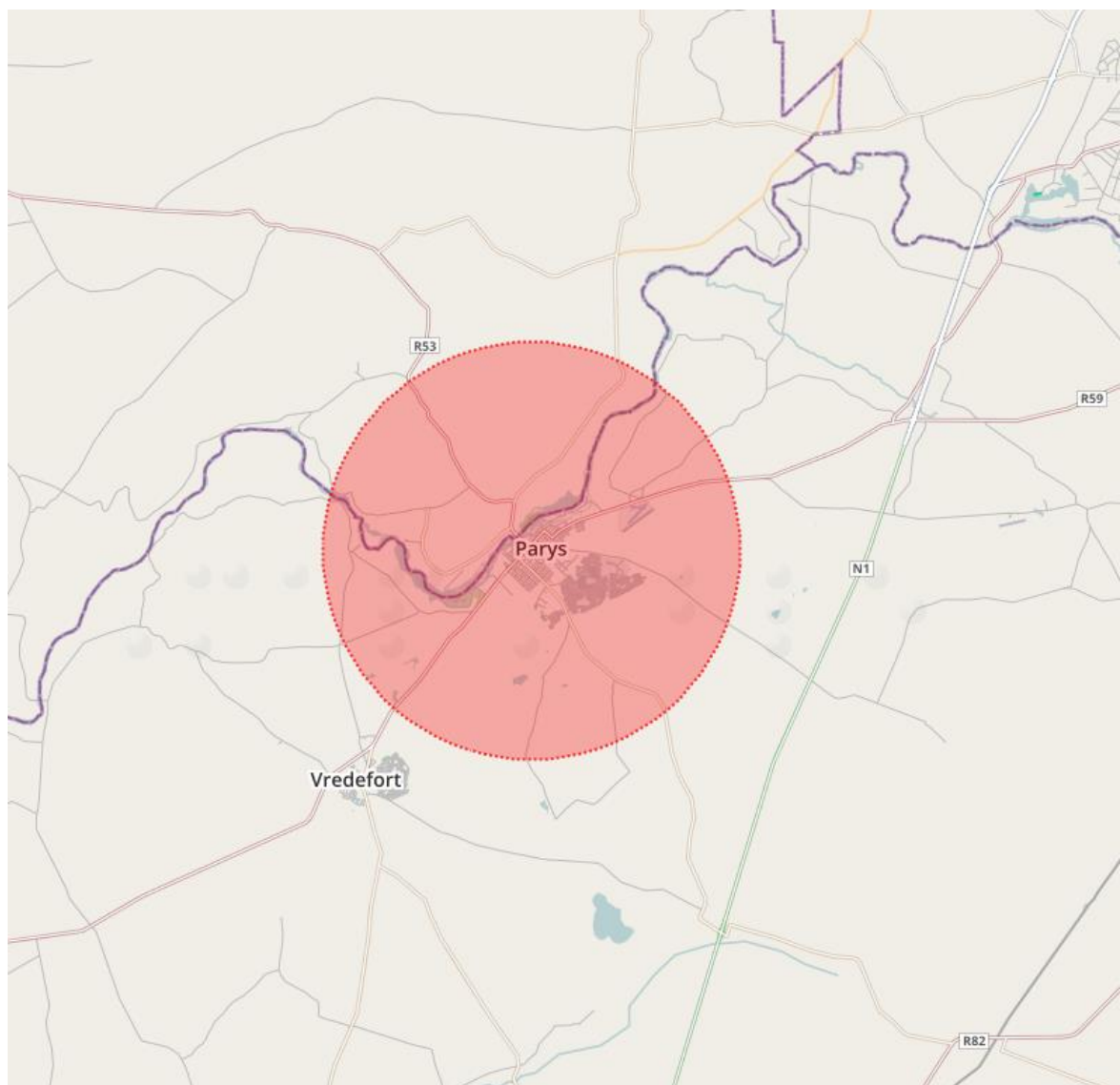
This report was generated by MapAble® showing various current and historical boundary demarcations used in planning and administration in South Africa for the area under assessment.

The outputs of this report must always be interpreted with care. Not all the data exist at the same level of detail and the accuracy of the outputs will be affected by the size of the area assessed.

## 2 Locality

This section provides a short introductory overview of the area's location and extent.

Map of the area under assessment



Province(s) affected:	Free State
District Municipality/ Metropolitan area(s) affected:	Dr Kenneth Kaunda, Fezile Dabi
Local municipality(s) affected:	Moghaka Ngwathe Tlokwe City Council
Area of area assessed (ha):	300 ha

The area's nearest neighbours are the following towns, settlements and places. If the results are indicated as 0 km, then it implies that the town or settlement falls within the area assessed. Distances are measured from the boundary of the area and are shown as direct distance.

The nearest city:	The nearest city is Johannesburg which is 87.01 km away
The nearest major town:	The nearest major town is Sasolburg which is 28.89 km away
Nearest town:	The nearest town Parys is 0 km away

The following small towns or settlement points are in the area:

Table 1: Smaller towns, settlements and villages

Small towns	Villages and small places (only the first 100 is listed)
The area has 1 small town(s), namely:	The area has 1 small place(s), namely:
• Tumahole	• Schonkenville

### 3 Population and households

The population and household data is derived from Statistics South Africa. The data reported for the areas has been prepared through data partitioning. Figures for smaller areas might not always be very accurate. Data partitioning is done on the smallest spatial level at which a particular census was released.

Table 2: Population and households

	1996	2001	2011
Population	45 849	44 755	48 902
Households	11 912	13 307	15 875

### 4 Historical boundaries

The historical boundaries related to the area under assessment, includes the pre-1994 provincial boundaries as well as the previous homeland areas (demarcated in 1970). The boundaries are important as it explores historical development impacts. The table below describes the name/s of the pre-1994 provinces and homelands as well as the percentage of affected area.

Table 3: Historical boundaries

Name of pre-1994 provinces and homelands	% of affected area	Area (ha)
Orange Free State	66.01 %	21169.93 ha
Transvaal	33.99 %	10899.9 ha

### 5 1996 Census demarcations

Statistics South Africa conducted the country's first post-apartheid population census in October 1996. In 1996, the country was divided into 86 000 Enumerator Areas, in which data is displayed. Enumeration Areas (EAs) form the smallest building blocks of the geographical frame for Census 1996.

#### 5.1 Provinces

The 1996 census provincial boundaries are described in the table below including the name of the province the total percentage of the affected area.

Table 4: Provinces - 1996

Name	% of affected area	Area (ha)
Free State	64.98 %	20837.57 ha
North West	34.97 %	11214.13 ha
	0.06 %	

## 5.2 District Councils

The 1996 census district council boundaries are described in the table below including the name of the district council, the district council code and the total percentage of the affected area.

Table 5: District councils - 1996

Name of district council	% of affected area	Area (ha)
Northern Free State DC	64.95 %	20828.85 ha
Southern (Klerksdorp) TDC	34.98 %	11219.13 ha
	0.07 %	

## 5.3 Local authority boundaries

The 1996 census local authority boundaries are described in the table below including the name of the local council, the local council code and the total percentage of the affected area.

Table 6: Local authority - 1996

Name local council	Local council code	% of affected area	Area (ha)
Klerksdorp Remaining TRC	Not applicable	34.96 %	11210.91 ha
Koepel RLC		51.75 %	16596.01 ha
Parys TLC		13.2 %	4232.84 ha
		0.09 %	

## 5.4 Magisterial districts

Magisterial district (MD) is an administrative area created to serve the justice system through a network of magisterial offices. There are 354 MDs, numbered consecutively per province. The magisterial boundaries as indicated in the 1996 census are described in the table below including the name of the name of the magisterial district and the total percentage of the affected area.

Table 7: Magisterial districts - 1996

Name of magisterial district	% of affected area	Area (ha)
Parys	54.29 %	17411.25 ha
Potchefstroom	34.98 %	11219.13 ha
Vredefort	10.66 %	3417.6 ha
	0.07 %	

# 6 2001 Census and municipal demarcations

## 6.1 Provinces

The 2001 census provincial boundaries are described in the table below including the name of the province the total percentage of the affected area.

Table 8: Provinces - 2001

Name	% of affected area	Area (ha)
Free State	64.84 %	20795.49 ha
North West	35.16 %	11274.34 ha

## 6.2 District Municipalities

In the demarcation process which occurred between Census '96 and Census 2001, a total of 47 district councils (DCs) were established which together cover all non-metropolitan areas. Forty-two of the DCs are confined to a single province and are geocoded from 1 to 43 (DC 11 does not exist). In addition, there are five DCs which cross provincial boundaries and are geo-coded with numbers between 81 and 88.

The 2001 census district municipality boundaries are described in the table below including the name of the district municipality, the district municipal code and the total percentage of the affected area.

Table 9: District Municipalities - 2001

Name of district municipality	District municipal code	% of affected area	Area (ha)
Northern Free State District Municipality	DC20	64.84 %	20795.49 ha
Southern District Municipality	DC40	35.16 %	11274.34 ha

## 6.3 Municipal boundaries

Stats SA acquired new municipality boundaries from the Municipal Demarcation Board in 2000. These boundaries were defined in mid-2000 as part of the country's local government demarcation process. The new structure consists of metropolitan areas (Category A) and district councils (Category C or DC) at one level. At the lower level, district councils are sub-divided into local municipalities (Category B) or district management areas (DMAs). In total, there are six metropolitan areas, 47 district councils, 231 local municipalities and 25 DMAs. These new municipal boundaries were used to demarcate EAs for Census 2001.

The 2001 census local municipality boundaries are described in the table below including the name of the local municipal council, the local council code and the total percentage of the affected area.

Table 10: Local municipalities - 2001

Name local municipality	Local municipality code	% of affected area	Area (ha)
Moqhaka	FS201	3.76 %	1204.98 ha
Ngwathe	FS203	61.09 %	19590.52 ha
Potchefstroom	NW402	35.16 %	11274.34 ha

## 6.4 Municipal wards

The 2001 census ward boundaries are described in the table below including the name of the municipal ward, local municipal code and the total percentage of the affected area.

Table 11: Municipal wards - 2001

Municipal ward name	Local Municipal name	Local Municipal code	% of affected area	Area (ha)
FS201-22	Moqhaka	FS201	3.76 %	1204.98 ha
FS203-10	Ngwathe	FS203	0.27 %	85.72 ha
FS203-13	Ngwathe	FS203	14.39 %	4615.51 ha
FS203-18	Ngwathe	FS203	3.51 %	1127.03 ha
FS203-12	Ngwathe	FS203	35.31 %	11322.85 ha
FS203-9	Ngwathe	FS203	0.33 %	104.9 ha
FS203-8	Ngwathe	FS203	0.29 %	92.04 ha
FS203-14	Ngwathe	FS203	5.91 %	1896.01 ha
FS203-7	Ngwathe	FS203	0.39 %	126.28 ha
FS203-11	Ngwathe	FS203	0.69 %	220.18 ha
NW402-1	Potchefstroom	NW402	35.16 %	11274.34 ha

# 7 The 2006 municipal demarcations

As part of the municipal elections in 2006, boundaries were adjusted from the 2001 boundaries due to population shifts throughout the country.

## 7.1 Provinces

The 2006 census provincial boundaries are described in the table below including the name of the province and the total percentage of the affected area.

Table 12: Provinces - 2006

Name	% of affected area	Area (ha)
Freestate	64.88 %	20805.49 ha
North West	35.12 %	11264.34 ha

## 7.2 District Councils

The 2006 census district boundaries are described in the table below including the name of the district municipality, district municipal code and the total percentage of the affected area.

Table 13: District Municipalities - 2006

Name of district municipality	Code of district municipality	% of affected area	Area (ha)
Dr Kenneth Kaunda DC	DC40	35.12 %	11264.34 ha
Fezile Dabi DC	DC20	64.88 %	20805.49 ha

## 7.3 Local authority boundaries

The 2006 census local municipality boundaries are described in the table below including the name of the local municipal council, the local council code and the total percentage of the affected area.

Table 14: Local Municipalities - 2006

Name local council	Municipal code	% of affected area	Area (ha)
Moqhaka LM	FS201	3.8 %	1218.63 ha
Ngwathe LM	FS203	61.08 %	19586.86 ha
Potchefstroom LM	NW402	35.12 %	11264.34 ha

## 7.4 Municipal wards

The 2006 census ward boundaries are described in the table below including the name of the municipal ward, local municipal code and the total percentage of the affected area.

Table 15: Municipality Wards - 2006

Name ward	Municipality name	Municipal code	% of affected area	Area (ha)
FS201-25	Moqhaka	FS201	3.8 %	1218.61 ha
FS203-10	Ngwathe	FS203	14.45 %	4633.08 ha
FS203-13	Ngwathe	FS203	0.28 %	88.93 ha
FS203-6	Ngwathe	FS203	0.28 %	89.74 ha
FS203-18	Ngwathe	FS203	5.81 %	1864.22 ha
FS203-12	Ngwathe	FS203	0.27 %	88.13 ha
FS203-9	Ngwathe	FS203	0.39 %	126.29 ha
FS203-14	Ngwathe	FS203	3.62 %	1159.95 ha
FS203-11	Ngwathe	FS203	0.7 %	224.36 ha
FS203-8	Ngwathe	FS203	35.27 %	11312.16 ha
NW402-1	Tlokwe City Council	NW402	35.12 %	11264.36 ha

# 8 The 2011 census and municipal demarcations

As part of the municipal elections in 2011, boundaries were adjusted from the 2006 boundaries.

## 8.1 Provinces

The 2011 census provincial boundaries are described in the table below including the name of the province and the total percentage of the affected area.

Table 16: Provinces - 2011

Name	% of affected area	Area (ha)
Free State	64.88 %	20805.47 ha
North West	35.12 %	11264.36 ha

## 8.2 District Municipalities

The 2011 census district boundaries are described in the table below including the name of the district municipality, district municipal code and the total percentage of the affected area.

Table 17: District Municipalities - 2011

Name of district municipality	Municipality code	% of affected area	Area (ha)
Dr Kenneth Kaunda	(DC40)	35.12 %	11264.34 ha
Fezile Dabi	(DC20)	64.88 %	20805.49 ha

## 8.3 Local authority boundaries

The 2011 census local municipality boundaries are described in the table below including the name of the local municipal council, the local council code and the total percentage of the affected area.

Table 18: Local Municipalities - 2011

Name local council	Municipality code	% of affected area	Area (ha)
Moghaka	FS201	3.8 %	1218.63 ha
Ngwathe	FS203	61.08 %	19586.86 ha
Tlokwe City Council	NW402	35.12 %	11264.34 ha

## 8.4 Municipal wards

The 2011 census ward boundaries are described in the table below including the name of the municipal ward, local municipal code and the total percentage of the affected area.

Table 19: Municipal Wards - 2011

Ward name	Municipal name	Municipal wards code	% of affected area	Area (ha)
FS201-25	Moghaka LM	FS201	3.8 %	1218.63 ha
FS203-6	Ngwathe LM	FS203	18.23 %	5845.06 ha
FS203-14	Ngwathe LM	FS203	2.9 %	928.69 ha
FS203-9	Ngwathe LM	FS203	0.28 %	89.78 ha
FS203-18	Ngwathe LM	FS203	0.49 %	156.49 ha
FS203-12	Ngwathe LM	FS203	0.27 %	88.13 ha
FS203-13	Ngwathe LM	FS203	0.39 %	126.27 ha
FS203-10	Ngwathe LM	FS203	2.53 %	810.65 ha
FS203-11	Ngwathe LM	FS203	0.7 %	224.33 ha
FS203-8	Ngwathe LM	FS203	34.61 %	11100.95 ha
FS203-20	Ngwathe LM	FS203	0.68 %	216.5 ha
NW402-2	Tlokwe City Council LM	NW402	35.12 %	11264.34 ha

# 9 The 2016 municipal demarcation

As part of the municipal elections in 2016, boundaries were adjusted from the 2011 boundaries.

## 9.1 Provinces

The 2011 census provincial boundaries are described in the table below including the name of the province and the total percentage of the affected area.

Table 20: Provinces - 2016

Name	% of affected area	Area (ha)
Freestate	64.88 %	20805.49 ha
North-West	35.12 %	11264.34 ha



## 9.2 District Municipalities

The 2011 census district boundaries are described in the table below including the name of the district municipality, district municipal code and the total percentage of the affected area.

Table 21: District Municipalities - 2016

Name of district municipality	Municipality code	% of affected area	Area (ha)
Dr Kenneth Kaunda	DC40	35.12 %	11264.34 ha
Fezile Dabi	DC20	64.88 %	20805.49 ha

## 9.3 Local authority boundaries

The 2011 census local municipality boundaries are described in the table below including the name of the local municipal council, the local council code and the total percentage of the affected area.

Table 22: Local Municipalities - 2016

Name local council	Municipality code	% of affected area	Area (ha)
Moqhaka	FS201	3.8 %	1218.63 ha
Ngwathe	FS203	61.08 %	19586.86 ha
Ventersdorp/Tlokwe	NW405	35.12 %	11264.34 ha

## 9.4 Municipal wards

The 2011 census ward boundaries are described in the table below including the name of the municipal ward, local municipal code and the total percentage of the affected area.

Table 23: Municipal Wards - 2016

Ward name	Municipal name	Municipal wards code	% of affected area	Area (ha)
FS201-21	Moqhaka	21,00	3.8 %	1218.63 ha
FS203-8	Ngwathe	8,00	0.51 %	163.35 ha
FS203-14	Ngwathe	14,00	0.3 %	96.94 ha
FS203-11	Ngwathe	11,00	2.2 %	705.9 ha
FS203-15	Ngwathe	15,00	1.13 %	362.05 ha
FS203-6	Ngwathe	6,00	8.81 %	2825.36 ha
FS203-12	Ngwathe	12,00	25.79 %	8270.48 ha
FS203-9	Ngwathe	9,00	0.37 %	119.07 ha
FS203-10	Ngwathe	10,00	20.95 %	6719.07 ha
FS203-7	Ngwathe	7,00	0.68 %	216.5 ha
FS203-13	Ngwathe	13,00	0.34 %	108.14 ha
NW405-2	Ventersdorp/Tlokwe	2,00	35.12 %	11264.34 ha

## 10 Tribal authorities

The 1996 Constitution recognises the institution of traditional leadership. This recognition is housed in section 211(1), (2) and (3) of the Constitution.

The table below describes the name of the traditional authority, the date gazetted and finally the % of affected area.

Table 24: Traditional authority areas

Name of traditional authority	Date gazetted	% of affected area	Area (ha)
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## 11 Summary of cadastre 2015

The directorate of Surveys and Mapping maintains the South African cadastral base through the National Geo-Information System.

### 11.1 Parent Farms

Parent farms are the primary land subdivisions in the country. Parent farms are further subdivided into farm portions. It is often impractical to do listing of parent farms in the report. However, the area under assessment is affected by Invalid layer id: 16593 parent farms or parts of parent farms.

### 11.2 Farm portions

A farm portion is defined as a portion of land which is not an erf, agricultural holding or road and which is registered as a separate unit in the Deeds Office. Such portion is land that has not been the subject of township establishment. There is a total of 35 affected farm portions or parts of farm portions in the assessment area.

### 11.3 Erven and land parcels

An erf is a piece of land in an approved township, registered in the Deeds Registry as an erf, plot or stand or shown as such on a General Plan of a proclaimed township. The table below shows the number of affected erven and land parcels per province<sup>1</sup> as applicable to the area of assessment.

Table 25: Number of affected erven and land parcels per province

Province	Total number of erven
Gauteng	0
Mpumalanga	0
Limpopo	0
Free state	15 606
North West	115
Kwa-Zulu Natal	0
Northern Cape	0
Eastern Cape	0
Western Cape	0

<sup>1</sup> Erf data (due to the extent and size of the data set) is described as erven per province in MapAble®. A listing can be prepared as a special request.

## Annexure A. Data extraction and data mining

This report is based on queries generated from the MapAble® database. The data sources are indicated in the table below. All the data utilised is in the public domain and can be sourced from the respective data custodians.

The bulk of the data comes from census data from Statistics South Africa. Each census is queried at the smallest data level at which a census was released. The 1996 census was released at enumerator area (EA) level while the 2001 census was only released at sub-place level. A sub place consists of a number of EAs. The 2011 census was released as a small area layer (SAL). Small areas are larger than EA's but smaller than sub-places. It is important to note that the censuses are not consistent insofar as data categories are concerned. It was therefore necessary to adjust some census data (subdividing categories or lumping categories together) in order to get the data at a consistent and comparable basis. Due to the way data is extracted from the census the totals in the tables in the report are not necessarily consistent or the same throughout the report. The following affects table totals:

- When data is extracted from the censuses, values of less than 5 are randomised with values between 1 and 5 in order to protect individual's identities. This accounts for smaller variations in totals.
- Data categories are not consistent between the censuses.
- The process of data partitioning is by its very nature affected by the physical scale at which queries are done. The smaller an area is the bigger the possibility for anomalies become.

Notwithstanding these issues, the results are valid and sufficiently accurate for general use.

Data partitioning is used in MapAble® to determine values for the selected areas. Data partitioning calculates the proportional ratios of underlying data sets (data linked to polygons such as EA's or sub-places) within a selected query area (ward, municipality, farm portion, etc.). Data partitioning is used to overcome the need for information on census demographics for areas that are not consistent with the standard boundaries themselves, or as the case in this report, where boundaries change from time to time and area profiles are not directly comparable. The proportions are based on the area of the intersecting themes.

Data partitioning allows for comparisons between datasets, which each having their own unique demarcations, and data that is not necessarily spatially comparable or compatible.

Data sources:

Data table	Data source
Table 1: Smaller towns, settlements and villages	Municipal Demarcation Board
Table 2: Population and households	Census 1996, 2001, 2011
Table 3: Historical boundaries	Municipal Demarcation Board
Table 4: Provinces - 1996	Municipal Demarcation Board
Table 5: District councils - 1996	Municipal Demarcation Board
Table 6: Local authority - 1996	Municipal Demarcation Board
Table 7: Magisterial districts - 1996	Municipal Demarcation Board
Table 8: Provinces - 2001	Municipal Demarcation Board
Table 9: District Municipalities - 2001	Municipal Demarcation Board
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