

# MAPS Survey

## Sampling Approach

**Sample Universe**

**Age:** 15 years of age and older  
**Gender:** Both males and females  
**Race:** All racial groups  
**Area:** National, all 9 provinces

**Sample Design**

A multistage stratified probability sample design will be used with provinces, metro/non-metro, urban/rural & dominant population group being stratification variables.

**National Sample Size:** 20 000 respondents



**Sample Frame**

Statistics South Africa's 2011 census enumeration areas will be used as the Primary Sampling Unit. AfricaScope's 2019 demographic estimates at an enumeration area level will form the sample frame. All stratification variables were included in the sample frame.

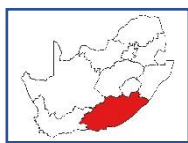


**Sample Allocation**

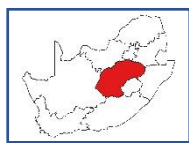
A total of 3 124 enumeration area were selected from across the country considering the stratification variables (see map overleaf). Eight visiting points will be randomly selected in each enumeration area. One individual aged 15 years and older will be selected using a Kish grid and interviewed. Disproportionate sampling may be used to adjust the sample.

**Sample Allocation per Province**

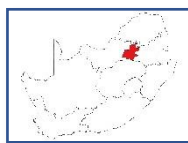
(Note: N values include over sample)



Eastern Cape  
N = 4 464



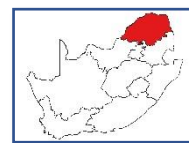
Free State  
N = 1 520



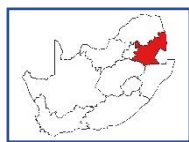
Gauteng  
N = 5 032



KwaZulu-Natal  
N = 4 232



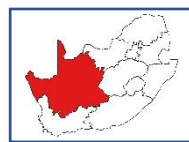
Limpopo  
N = 2 784



Mpumalanga  
N = 1 872



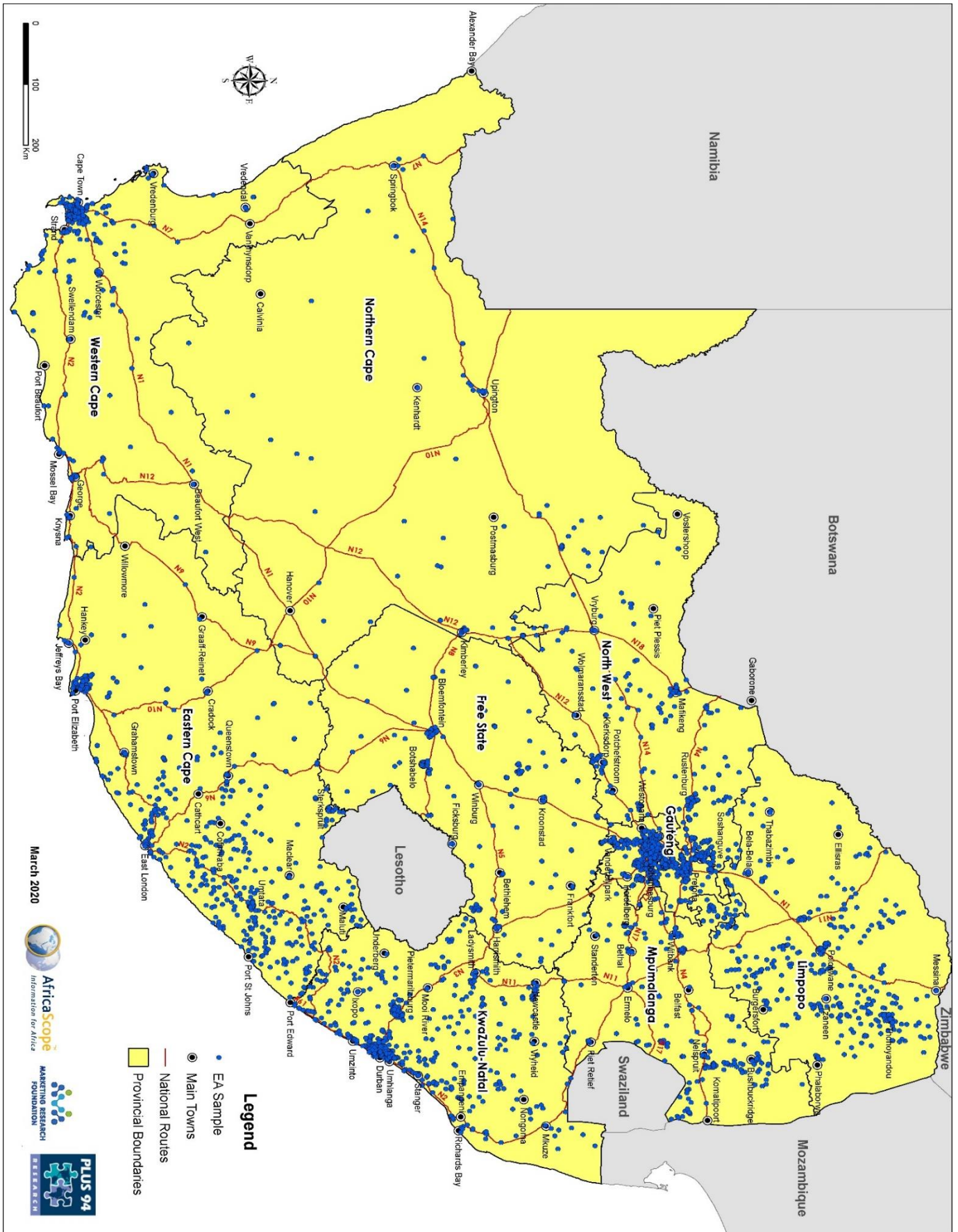
North West  
N = 1 744



Northern Cape  
N = 744



Western Cape  
N = 2 608



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