

## Population Data - 2006

Based on the 2006 Mid-year estimates released by Stats SA

**New boundaries have been incorporated into these figures i.e. the Umzimkhulu area has been included and the Matatiele area has been excluded**  
Growth Rates Calculated using Mid Year Estimates provided by Statistics SA

Year	1996 Census projected up to 2000 Average growth rate utilized was 1.5834 per annum					2001 Census projected up to 2006 Average growth rate utilized is 0.736293% per annum				
	1996	1997	1998	1999	2000	Oct 2001	2002	2003	2004	2006
Population (Numbers) KZN	8417020	8550295	8685681	8823210	8962917	9426019	9568165	9761032	9665775	9731800
Population (Numbers) KZN new boundaries**						9584146				9924000

**\*\* Umzimkhulu area included, Matatiele area excluded**

Note: Census 2001 figures projected to 2006 using 0.736293% growth rate (based on the Stats SA mid-year estimates) over a 4.75 year period

### FORMULA USED TO CALCULATE GROWTH RATES

Compound annual growth rate (CAGR) is one method of assessing the average growth of a value over time

$$E = B(1 + r)^T$$

where  $E$  denotes ending value,  $B$  denotes beginning value and  $T$  denotes the time passed in years. The value  $r$  that solves the equation is the percentage annual growth rate

Using the same terminology to solve for  $r$ , the formula looks like this:

$$r = (E / B)^{(1 / T)} - 1$$

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