

Specifications

Desktop database which one can access data online and generate socio-economic reports on any South African region using social and economic time series data. From where we can then extract data from database and automatically download data into Microsoft excel format. It must enable the user to compile reports for South Africa and its provinces including North West Province's district and local Municipalities. The database should provide definitions of variables in the database including quarterly update of the database providing forecasted figures.

Reports that should be generated:

1. Statistical Overview (Detailed info-graphic report) - analysing the data set to identify key trends, patterns, and relationships within the data and visualizations like histograms or scatter plots, to understand the overall characteristics of the data and draw meaningful conclusions about the subject matter it represents.
2. Economic impact analysis services - collection of national and regional impact tables and multipliers that may be used to analyse the impact of a variety of scenarios. Multiplier effect provide the economic impact of changes in spending, investment, or the money supply. It's a chain reaction that occurs when money enters or leaves the economy. The Economic Impact Analysis data sets are useful for, amongst others:
 - a. economic analysis of industries;
 - b. company-level economic impacts;
 - c. regional impacts;
 - d. the economic impact of large projects;
 - e. policy impacts; and,
 - f. price impacts.

Data is needed on the following topics:

1. Macroeconomic services - The South African and Global economic time-series database incorporates a comprehensive set of indicators covering all aspects of the South African economy and including basic data for South Africa's main trading partners. The emphasis is on demographics, labour, prices, general economic indicators, financial and capital markets, public finance, balance of payments statistics, national accounts and industry data.
2. International trade - Provide a detailed up-to-date historic dataset of South Africa's merchandise trade together with an overview of bilateral global trade.

3. Industry services - disaggregated and consistent long-term view of South Africa's economic structure by industry
4. Regional services - disaggregated and consistent view of South Africa's socio-economic structure and market potential on a regional basis down to district and town council level.

The regional boundaries must match the latest official municipal boundaries:

1. National total
2. Provinces
3. District Municipalities (for North West)
4. Local Municipalities (for North West)