

## Access To Water Infrastructure Delivered

- **What does this dashboard relate to?**

The Access to Water Infrastructure Delivered dashboard indicates the percentage of population and households that have access to drinking water.

This dashboard's map colour coding represents the Access to Water Infrastructure Delivered status, as indicated on the map legend.

The Access to Water Infrastructure Delivered dashboard map can be rendered to one of the following statuses:

- Population
- Households

The table at the top right shows the aggregated summary information of the selected map area. Drilling further on the table provides aggregated percentage detail information for the selected map area. Both tables provide the information on percentage and number of population and households that have access to drinking water.

The Access to Water Infrastructure Delivered information is provided by Water Services and is updated monthly

- **Person(s) who championed the dashboard:**

- Mr. Mbentse Bekubuhle  
Water Services: Planning & Information
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- **Enquiries:**

- For all dashboard enquiries click [HERE](#) to go to the Contact Us page.

- **What type/s of questions does the information product aim to answer:**

The product aims to provide the user with the number of people and households with access to basic water supply infrastructure. This obviously also provides the number of people without access to basic water supply infrastructure, commonly referred to as the water backlog/water needs. Geographical presentation of the data indicating the level of access to water supply on Provincial and Water Services Authority (WSA) level is possible.

- **Data / Information discussion:**

- Data used to generate the information
  - What data is used?

Data from the Water Services Knowledge System (WSKS) is used. This is based on results of STATS SA Censuses as well as annual General Household Surveys, aligned with and updated by the Department Water and Sanitation (DWS) Macro Planning data. Data is generated on settlement level and is based on the water supply service level provided such as water in house, in yard or from a communal standpipe, borehole, spring, dam, river, or other source. Based on the service level definitions, the WSKS determines who has access to at and/or above RDP water supply service levels and who does not.

- How is extracted and from where?

The data is extracted via Macro Planning processes and procedures directly from the Water Services Knowledge System database.

- How often is it extracted?

The data is updated annually on 1 April but can be extracted by NIWIS as and when required through the Macro Planning processes and procedures provided.

- Business processes related to the data

N/A

- The algorithms / equations used to convert data into information

NIWIS calculates the performance grading for presentation purposes based on the following:

Backlog/Water needs %	Access to Water %	Performance Grading
Between 50 and 100%	<50%	Crisis
Between 35 and 49.99%	50-64.99%	Area of concern
Between 20 and 34.99%	65-79.99%	Acceptable
Between 5 and 19.99%	80-95%	Good
0-4.99%	>95%	Excellent

- Key assumptions

That the user has been provided with access to at least RDP level water supply, with no consideration of scheme functionality i.e. whether the scheme is still fully operational with no interruptions.

- **Links to other sources of related information**

- [ws.dws.gov.za/wsk/](http://ws.dws.gov.za/wsk/)
- [www.statssa.gov.za](http://www.statssa.gov.za)

- **Are there any limitations / cautions related to using this information?**

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