



Spatial Feature Report

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Disclaimer

This document contains data that was obtained from a live CP3 system at the moment the data was requested. The data is updated by users of the CP3 System and unless the system is locked for changes, this data may change on a daily basis. The reader is therefore cautioned not to place inappropriate reliance on the data unless there is certainty on the status of the data in terms of how recently it has been updated, how “clean” the data is (is there a quality control and/or verification process that was followed by the licensee of the CP3 system to ensure that data is checked and verified from time-to-time) and whether the correct baseline was queried. This report therefore provides a “snapshot in time”. Consequently, the document may be less relevant at a different time, or using a different financial baseline to query from.

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Spatial Query Report: City of Tshwane Wards

This document was created *2022-04-09-23\_45* from the **City of Tshwane Metropolitan Municipality** CP3 system by the following user: *'Bernard'.*

The baseline **'2021/22 Planning + Rollover (20200901)'** with description: **'Duplicated from the 2020/21 Planning + Final Annexure A (20200625) Baseline'** was used. The spatial feature that was selected for the purpose of this report was: **'City of Tshwane Wards'**.

This is a spatial feature report for the *City of Tshwane Metropolitan Municipality.* The data contained in this report was sourced directly from the municipality's live CP3 system. The information in this report therefore reflects the data as it was on the *2022-04-09* when this report was requested. Any subsequent updates to the data contained the CP3 System related to the applicable baseline from which this reports was drawn, would therefore not reflect in this report.   
  
For the *City of Tshwane Metropolitan Municipality, the following spatial features are available for the purpose of developing* 'Spatial Query Reports' (similar to this report):

* City of Tshwane mSCOA Regional Segment
* City of Tshwane Regions
* City of Tshwane Wards



We hope you find this useful! Sincerely, *The Novus3 Team.*

# Introduction

The baseline that was queried for this report contains *1461* projects of which a total of *55 (3.76%)* projects do not have any recorded intersection (overlap) with City of Tshwane Wards.The following spatial features are available for queries using this API profile:

* City of Tshwane mSCOA Regional Segment
* City of Tshwane Regions
* City of Tshwane Wards

The probable reasons for the 55 non intersecting projects reported are that:

* these projects simply do not have a location associated with them yet (most frequently the case with 'no-intersect' projects) or;
* the location that was captured for some of these projects, may have been in the wrong place (e.g. outside the boundaries of Tshwane - this is very rarely the reason).

It is important to take note of the 3.76% projects that do not intersect with City of Tshwane Wards feature when appraising this report.

The 3.76% of non-intersecting projects is a relative low percentage and therefore not much cause of concern for this particular report.

Figure 1: Intersecting vs Non-Intersecting Projects



# City of Tshwane Wards Analysis

Table 1: City of Tshwane Wards Analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Description | Value | Description | Value |
| The total number of projects in all City of Tshwane Wards: | 1406 projects | The total capital demand in all City of Tshwane Wards: | R10,474,491,122 |
| The highest number of projects: | City of Tshwane Wards: Ward 58  Number of projects: 85  Percentage of total: 6.05% | The highest capital demand: | City of Tshwane Wards: Ward 100  Capital Demand: R844,568,697  Percentage of total: 8.06% |
| The lowest number of projects: | City of Tshwane Wards: Ward 72  Number of projects: 1  Percentage of total: 0.07% | The lowest capital demand: | City of Tshwane Wards: Ward 72  Capital Demand: R3,826  Percentage of total: 0.00% |
| The 5 City of Tshwane Wards that collectively have with the highest number of projects: | City of Tshwane Wards: Ward 98, Ward 100, Ward 96, Ward 50 and Ward 58  Number of projects: 265  Percentage of total: 18.85% | The 5 City of Tshwane Wards that collectively have collective the highest capital demand: | City of Tshwane Wards: Ward 78, Ward 58, Ward 102, Ward 96 and Ward 100  Capital Demand: R3,181,331,830  Percentage of total: 30.37% |
| The average number of projects per City of Tshwane Wards: | 13.1 projects | The average capital demand per City of Tshwane Wards: | R97,892,440 |
| The 75th percentile of projects per City of Tshwane Wards: | 16.0 projects | The 75th percentile of capital demand per City of Tshwane Wards: | R110,493,612 |

Figure 2.1: The single highest City of Tshwane Wards (Nr of Projects & Capital Demand) vs the rest

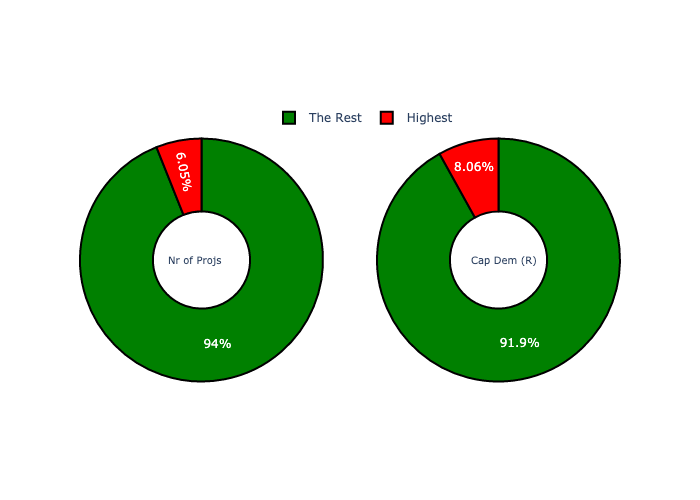


Figure 2.2: The 5 City of Tshwane Wards with the highest values (Nr of Projects & Capital Demand) vs the rest

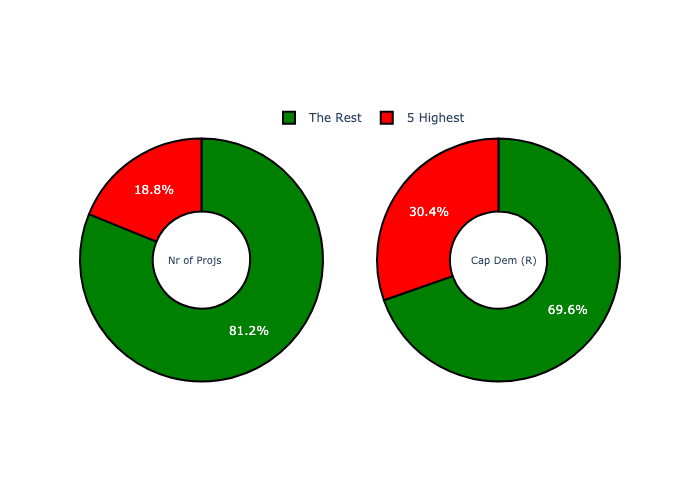


Figure 3.1: Projects and Capital Demand per City of Tshwane Wards (1/3)

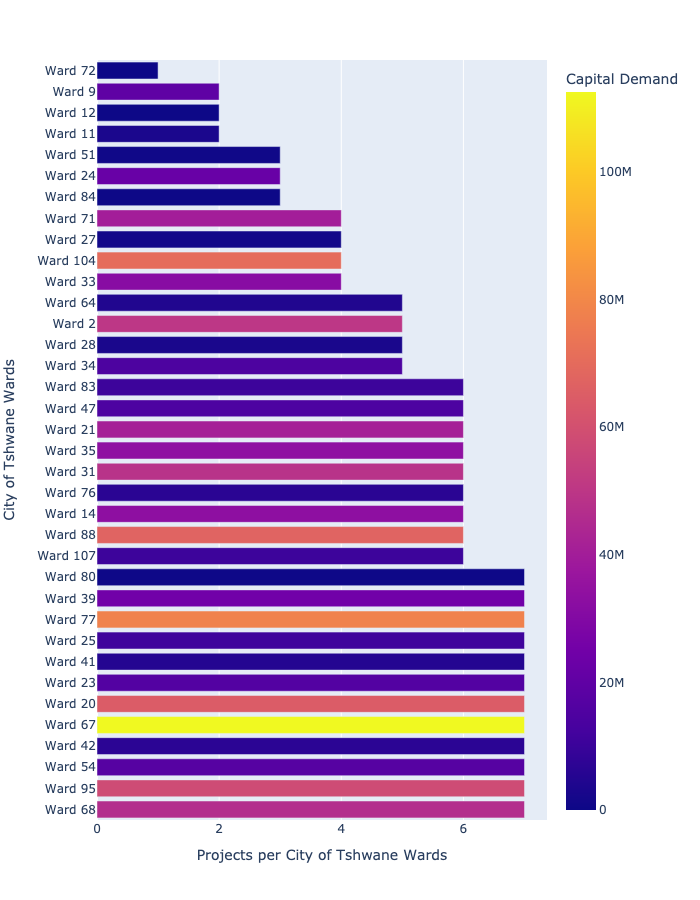


Figure 3.2: Projects and Capital Demand per City of Tshwane Wards (2/3)

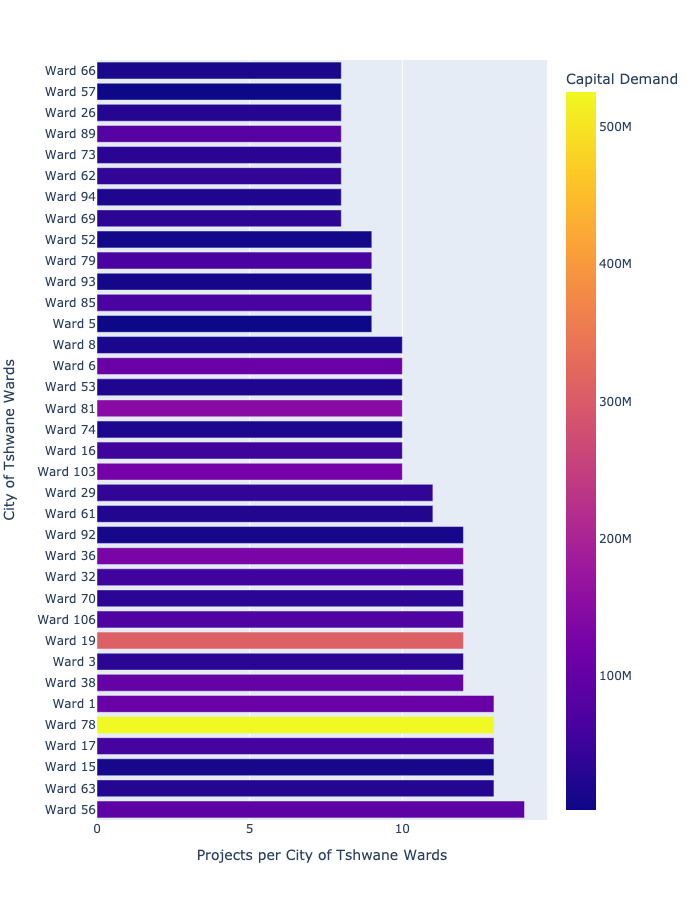


Figure 3.3: Projects and Capital Demand per City of Tshwane Wards (3/3)

