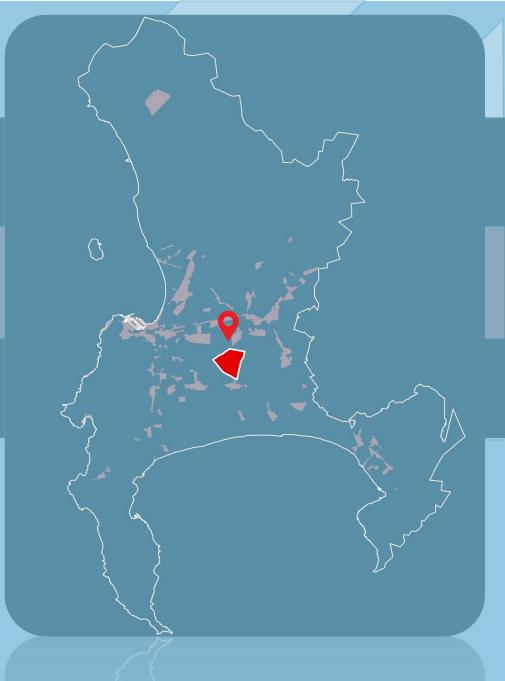
# AIRPORT INDUSTRIAL ECONOMIC AREA PROFILE

**TREND ANALYSIS 2012-2022** 







# **ACKNOWLEDGEMENTS**

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# **DATA CUSTODIANS**

Valuations, Development Management & Policy and Strategy

#### **DISCLAIMER:**

The information contained herein is provided for general information only which is not intended to provide definitive answers and as such, is only intended to be used as a guide.

Whilst we strive to provide the best information at our disposal and take reasonable measures to ensure that it is up-to-date and correct, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability of information for any purpose. Any reliance you place on the information is at your own risk.



This update of ECAMP is further aligned with the Urban Planning & Design Department's business strategy to leverage spatial intelligence to unlock value within Cape Town's space economy by:

- a) Tracking the performance and implementation of its spatial development framework policies
- b) Developing the evidence base to inform and adjust said spatial policy
- c) Supporting spatially targeted investment and decision-making
- d) Providing a spatial lens of economic data within the Cape Town context

The following strategic objectives and programmes support the update of ECAMP:



INTEGRATED SUSTAINABLE PLANNING



- Objective 1 (Increased jobs and investment in the Cape Town Economy): Targeted urban development programme
- Objective 15 (A more spatially integrated and inclusive city): Spatial strategy monitoring and evaluation project

#### **INCLUSIVE ECONOMIC GROWTH STRATEGY (2021)**

- Applying an economic lens to policy-making by integrating sustainable analysis into City Decision Making in alignment with the MSDF.

## MUNICIPAL SPATIAL DEVELOPMENT FRAMEWORK (MSDF, 2023) POLICY & STRATEGY IMPLEMENTATION

- Table 5.1: Spatial strategy 1: Substrategies and policy guidelines (Policy 2, 4 and 5)
- Table A2: Spatial strategy 1: Policy guidelines, strategic and implementation intent (Policy 4,2 and 4,3)

# DISTRICT SPATIAL DEVELOPMENT FRAMEWORK (DSDF, 2023): SUB DISTRICT GUIDANCE

- Tygerberg DSDF Subdistrict 7: Cape Town International Airport precinct and Boquinar Industria:
  - o District Development Guidelines (page 60)
  - Subdistrict Development Guidelines (page 116)
  - o Consolidated subdistrict SDF (Figure 24: Cape Town International Airport and Boquinar Industria)

#### Intended users

This profile provides a cohesive narrative to determine key trends across several data entry points to help inform decision-making. It also aims to help guide investment in cases where data is not readily available to the public.

#### **Conceptual Framework**

The reporting of updated time series microeconomic analysis on Cape Town's economic areas is informed by a conceptual framework, which aims to create spatial intelligence on supply & demand factors according to the 5 themes which have been identified. The 5 themes allow for an integrated narrative across areabased economic trends. The trends being reported throughout this profile are used to classify and assess the overall performance of Cape Town's economic areas.

### Data preparation, sources, assumptions and limitations

The indicators reported in this profile feed off several automated data processes to add intelligence at a land parcel level which is then aggregated into economic areas. This profile draws across various datasets between 2012 and 2022 such as the General Valuation Roll, market reports, building plans, land use applications, property sales and SARS data. While many of the respective datasets are continuously refined over time, this profile will be updated as and when new data is available.

#### **Contact details**

Should you wish to make contact, please direct your feedback to the City of Cape Town's Metropolitan Spatial Plannina and Growth Management branch via Future.CapeTown@capetown.aov.za.

#### MICRO-ECONOMIC DEMAND & SUPPLY FACTORS

This profile examines a range of micro-economic indicators to highlight trends in supply and demand specific to the economic area. The indicators include:

- Property sales per land use sector
- Building work completed
- Types of land use applications approved
- Vacant land per land use sector
- Built-up land and take up rate per land use sector
- Dominant land uses present in an area
- Building vacancy rate overtime
- · Capitalisation rate over time
- Rental rate p/m² by land use sector
- Jobs per industry

#### MACRO-ECONOMIC REPORTS AND INDICATORS

For additional insights into the macro-economic factors affecting the regional economic condition, refer to the following reports for more information on macroeconomic indicators related to Cape Town:

- **Economic Performance Indicators for Cape Town**
- Regional Market Analysis and Intelligence 2023/24
- Provincial Economic Review and Outlook (PERO)
- **Municipal Economic Review and Outlook (MERO)**

#### **VALUE PROPOSITION**

Promoting economic infrastructure in support of economic growth and job creation.

Supports internal and external collaboration around data and spatial intelligence.

Supports the spatially differentiated investment rationale of the MSDF and DSDFs.

#### **CHALLENGES** OBJECTIVES TO ADDRESS

#### **Urban Growth Planning** (Non-res growth estimates):

Determine where to accommodate non-res growth.

#### Spatial intelligence:

Location-based supply and demand factors.

#### **Enhanced spatial policy:**

Evidence-based analysis on Cape Town's space economy informing a policy framework.

#### **AREAS OF APPLICATION**

Land Use Model 2050 update.

Replacement of the static and dated ECAMP with an updated, automated economic analysis tool.

& expansion initiatives.

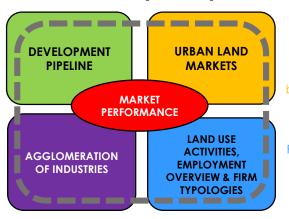
Data foundation behind MSDF Policy Statement 4.

Support: Business retention

# Supply, Demand & Performance (S,D & P)

Building work under construction/complete d (S). Land use approvals (D). Property sales by sector (P).

Agglomeration and Coagalomeration of major sectors/industries (S)

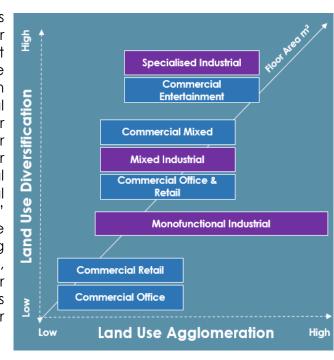


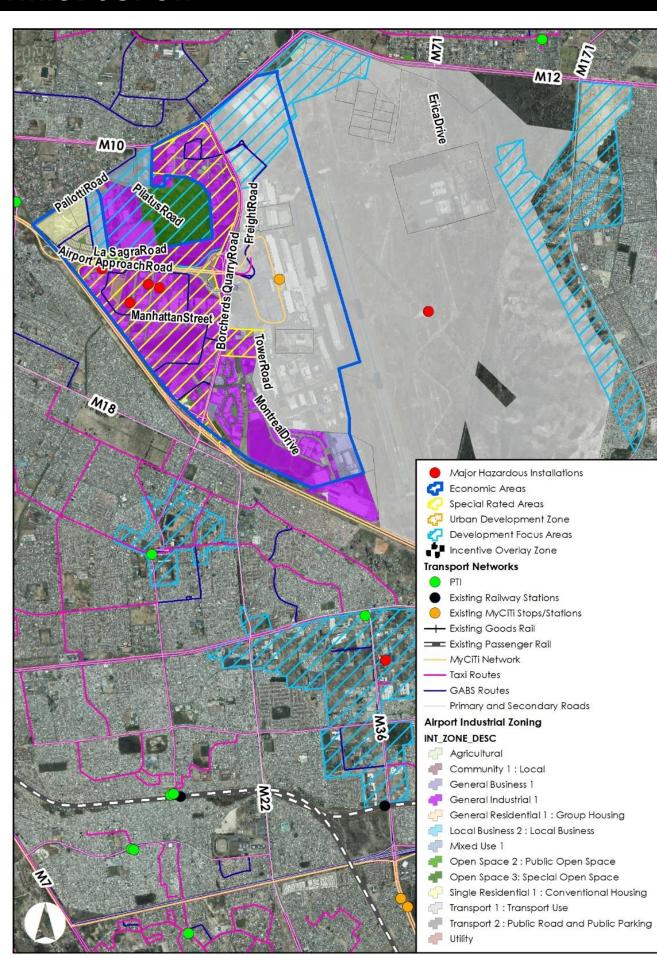
Cap rates (P) Rental rates per m<sup>2</sup> per sector (P)

Built-up extent (m<sup>2</sup>) of land per sector (S). Vacant land (m²) per sector (S). Vacancy rate of buildings (%) per sector

Dominant land use (S) Propensity of industries at a Metro scale (D). Total jobs per industry & wage band (D). Firm size and count (D).

At a metro scale, economic areas are classified as either industrial or commercial nodes. In the context of Cape Town's distinct space economy and the agglomeration patterns of industries, industrial further nodes be can characterised as being either specialised, mixed Monofunctional. While the general understanding is that commercial nodes presents a more 'mixed use' environment, these nodes can be further characterised as being unique to either retail, office, entertainment, office & retail or mixed (where 3 or more land uses has a significant amount of floor area within an area).





## **AIRPORT INDUSTRIAL**

#### Location

- The area is approximately 17km southeast of Cape Town's Central Business District and the Port of Cape Town.
- It is also situated adjacent to the N2 highway, providing easy access to the N1 via the R300 highway, which connects to areas across Cape Town.
- The area is mainly serviced by MyCiTi, GABS and taxis.
- Access to a skilled workforce from surrounding areas, includes the broader Delft, Elsies River, Nyanga and Belhar areas.
- Due to its location, the area also attracts a skilled workforce from areas across Cape Town.

#### Zoning, land use and form

- The area is predominantly zoned for industrial purposes.
- The area is mainly characterised by aviation uses, which include sales, manufacturing, repairs, transportation & storage and office accommodation.
- The average land parcel size in the area mostly varies between 1,000

   1,500m², with a limited number of land parcels ranging beyond
   20,000m².

#### Spatial planning mechanisms

- Part of the area is serviced by a Central Improvement District
- Part of the area has also been identified as a Development Focus Area in terms of the Tygerberg District Spatial Development Framework.

# Key highlights of the area include:

- The <u>Airport City Improvement District</u> was established in 2004 to facilitate an investable environment and promote business retention.
- The airport was upgraded and extended in time for the 2010 FIFA World Cup, which included a MyCiTi station developed at the entrance of the airport building.

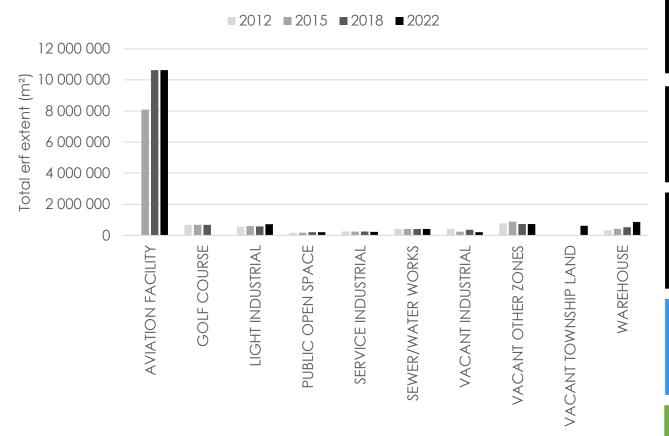
A recent analysis involved converting land use codes from the General Valuation Roll (GV Roll) into Standard Industrial Classification (SIC) codes. This was done to determine the prevalence of industries operating in areas with similar characteristics.

- Between 2012 and 2022, Airport industrial was mainly characterised by a greater propensity for manufacturing and transport & storage as reflected in the **Nodal Typology**. The nodal typology highlights industries with the most floor area (m²) operating within an economic area.
- The **Metroscale Benchmarking** positions Airport industrial as being a contributor of manufacturing and transport & storage which performs higher than that of the sectoral average for transport & storage when measured against other industrial areas across Cape Town.
- The GV Roll supplements the findings of the SIC level data by illustrating the dominant land use overtime based on the cumulative extent (m²) of floor area for aviation with minimal uses ranging between light industrial, service industrial and warehousing.



- Wholesale and retail trade; repair of motor vehicles and motorcycles
- Water supply; sewerage, waste management and remediation activities
- ■Transportation and storage
- Real estate activities
- Public administration and defence; compulsory social security
- Professional, scientific and technical activities
- Other service activities
- Manufacturing
- Human health and social work activities
- Financial and insurance activities
- Arts, entertainment and recreation
- Activities of households as employers; undifferentiated goods- and services producing activities of households for own use
- Accommodation and food service activities

#### TOP 10 MOST DOMINANT LAND USES BETWEEN 2012 AND 2022



# NODAL TYPOLOGY FOR 2012 AND 2022 (Mixed Industrial)



Source: 2012 – 2022 land use codes converted to SIC codes (May 2024 analysis)

2020



Community & personal services

- Construction
- Electricity, gas, steam and air conditioning supply
- Financial and insurance activities
- Information and communication
- Manufacturing
- Mining and quarrying
- Other service activities
- Professional, scientific and technical activities
- Real estate activities
- Transportation and storage
- Wholesale and retail trade; repair of motor vehicles and motorcy

#### YEAR ON YEAR % CHANGE OF FULL TIME **EMPLOYMENT WITHIN EACH WAGE BAND**

2017

**FULL TIME EMPLOYMENT BY INDUSTRY** 

12 000

10 000

8 000

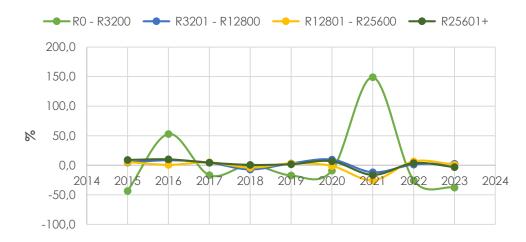
6 000

4 000

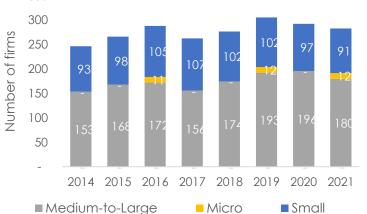
2 000

2014

Number of jobs

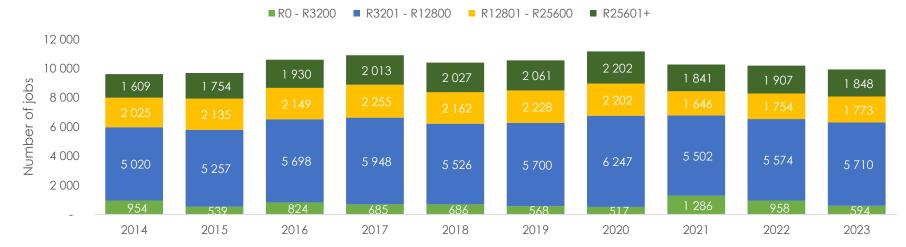


# **NUMBER OF FIRM TYPOLOGIES** 350 300



#### **FULL TIME EMPLOYMENT BY WAGEBAND**

2023



Source: SARS data extract for period between 2014 and 2023. Firm size data only available between 2014 and 2021.

#### Jobs/Firms

The number of job opportunities surrounding the Airport industrial area increased from 8,000 to 9,000 between 2014 and 2020, but decreased to 8,300 in 2023. The majority of the jobs are concentrated in the wholesale & retail, manufacturing, transportation & storage and administrative activities.

the 250 mark between 2014 and 2021. While medium-to-large firms have been the most dominant, there is also a significant presence of small firms.

#### Income bands

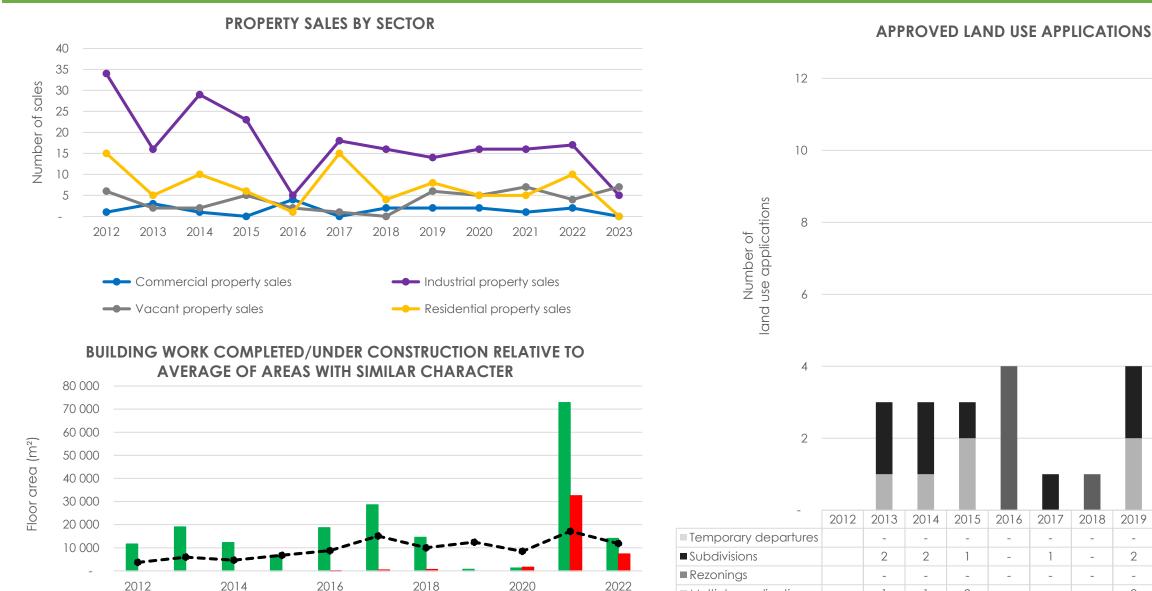
The income bands reflect the skill levels of employed individuals. The data suggests that most employees earn up to R12,800, with a limited number of employees which earns in the upper-income brackets.

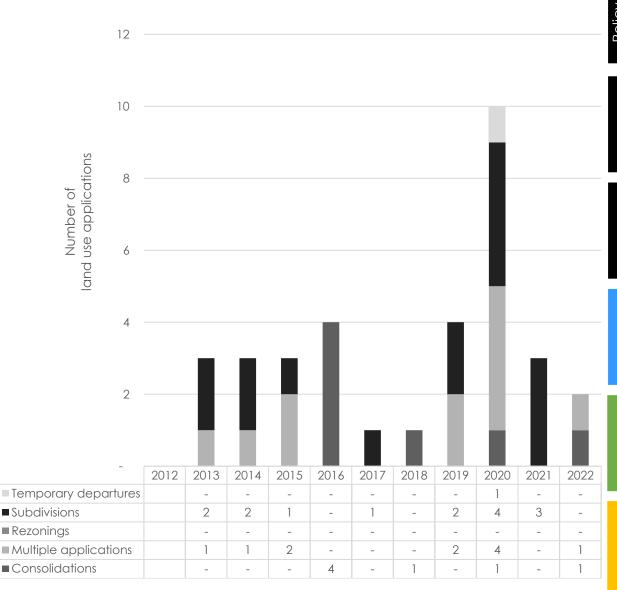


The total number of firms fluctuated around

been captured and overlaid with Airport industrial economic area.

# **DEVELOPMENT PIPELINE**





## **Property sales**

Property sales in the industrial sector experienced the highest number of sales compared to other sectors, however, they mostly fluctuated between 2014 and 2022. Several residential property sales also occurred, but not to the extent of industrial properties. Furthermore, residential property sales varied between 2012 and 2022, with peaks observed in 2012 and 2017. Property sales for vacant land and commercial properties were also fluctuating below the 10 sales per annum mark.

# Land use applications

Airport industrial is predominantly zoned for industrial purposes. However, based on the approvals granted between 2013 and 2022, most approvals were granted for subdivisions with a limited number of consolidations, suggesting a need for particular sized properties.

# **Building plans**

Following on from property sales and land use approvals, building work activity has been ongoing between 2012 and 2018, with a significant spike observed in 2021, which has been higher than the metro's annual average across other industrial areas.

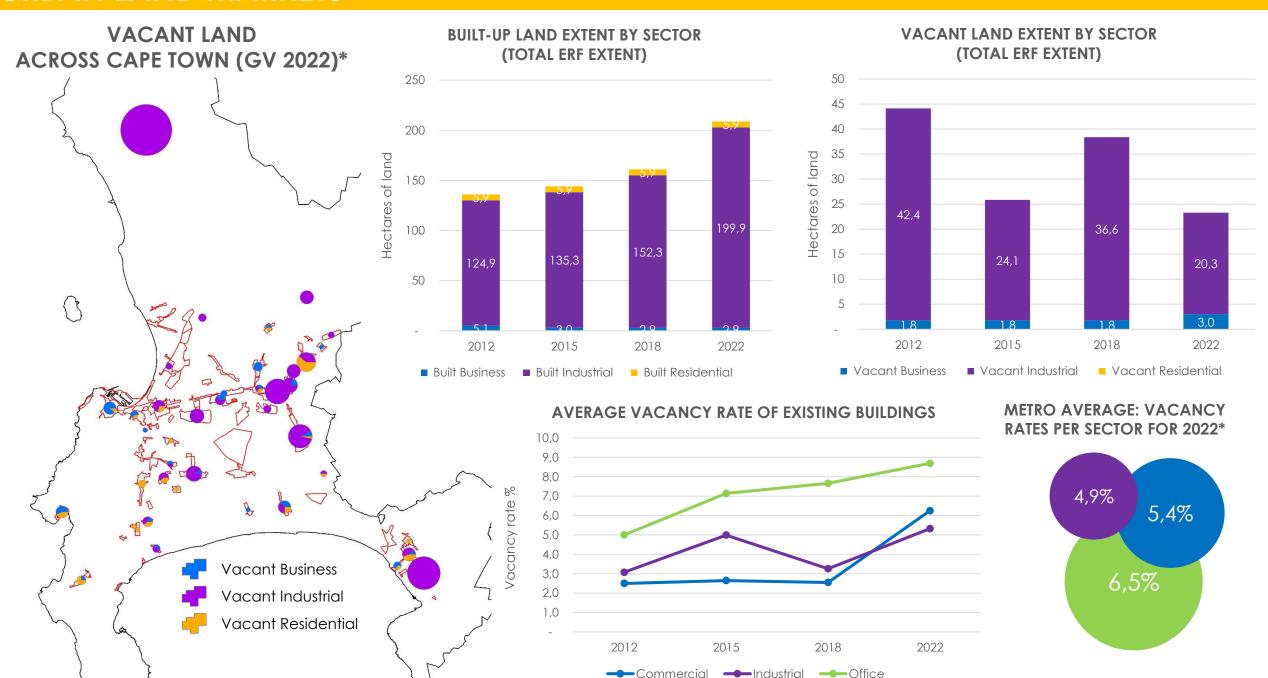
Agglomeration of industries

Market performance

Introduction

■ Construction completed Construction commenced - ◆ Annual Ave of other industrial areas (m²)

Performance & Potential



#### Vacant Land Number of land parcels that are vacant by size

Residential

**Commercial Industrial** 

1

10

1

2

The map illustrates the latest General Valuation Roll (2022) by showcasing vacant land across the metropolitan area. The map can be read in conjunction with the vacant land graph for the 2022 GV year. Airport industrial has experienced growth in terms of the built-up land, with a significant amount of vacant land available as of 2022, indicating an opportunity to further develop within the area. Additionally, the vacant land remaining is categorised based on the number and size of land parcels, as reflected in the accompanying table.

## Vacancy rates:

In addition to vacant land, vacancy rates of existing buildings for the industrial sector increased from 3,1% in 2012 to 5,3% in 2022. The commercial sector has increased from 2,5% in 2012 to 6,3% in 2022, while the office sector has also increased significantly from 5% in 2012 to 8,7% in 2022.

Source: City's General Valuation Roll and Market Reports

**Erf Size** 

1) 1-250m<sup>2</sup>

2) 251-500m<sup>2</sup>

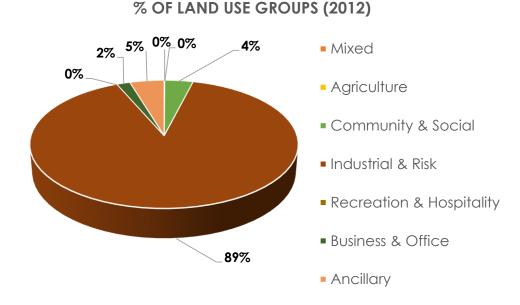
3) 501-1000m<sup>2</sup>

4) 1001-2500m<sup>2</sup>

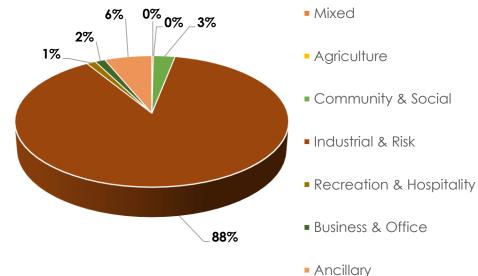
5) 2501-5000m<sup>2</sup>

7) >10000m<sup>2</sup>

6) 5001-10000m<sup>2</sup>



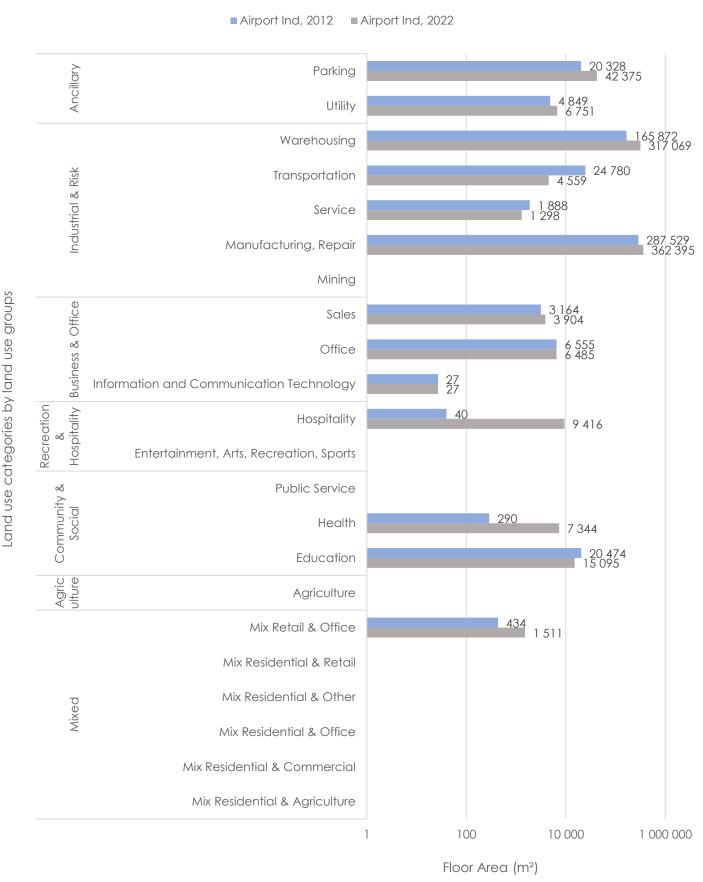




SECTORAL AGGLOMERATION AND CO-AGGLOMERATION RELATIONSHIPS

The pie charts represent the % split of land use groups agglomerated in Airport industrial. This % is based on the cumulative floor area (m²) across the various land uses and as can be seen by the chart, the Industrial & Risks group has been dominant in both 2012 and 2022 when compared to the other groups.

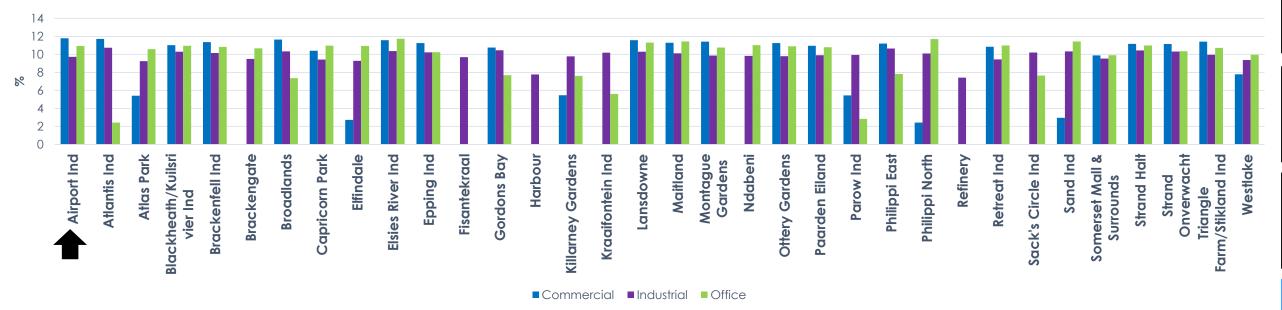
Furthermore, the bar graph represents a comparative view between 2012 and 2022 on the co-agglomeration of land use categories within each of the land use groups. The area shows the most dominance for manufacturing, repairs and warehousing. There is also a presence of other land uses, which can be seen to be in support of the most dominant land uses.

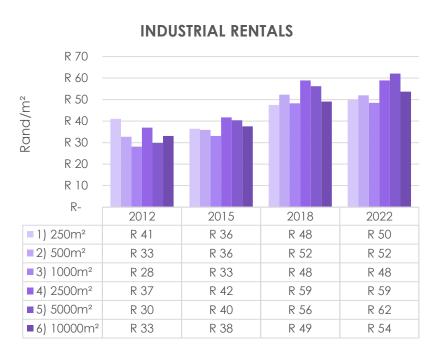


Source: Analysis of GV data (May 2024)

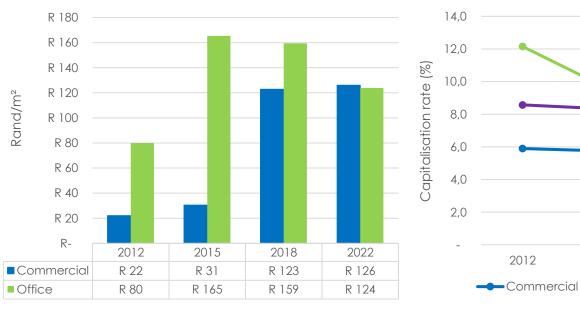
erformance Potential

# AVERAGE CAPITALISATION RATE OF AIRPORT INDUSTRIAL IN RELATION TO OTHER INDUSTRIAL AREAS FOR THE PERIOD BETWEEN 2012 AND 2022









# Comparative view on capitalisation rates

The average capitalisation rate between 2012 and 2022 for industrial, office and commercial sectors was 9,75%, 10,95% and 11,80%, respectively and further indicates its competitiveness relative to other industrial areas.

Year on year capitalisation rates for the industrial sector have remained steady around the 8,6% mark, whereas the office sector remained consistent around the 12% mark. There has been an increase in the commercial sector from 5.9% in 2012 to 12% in 2022.

- Higher cap rates = higher investment risk.
- Lower cap rates = lower investment risk.

# Rental rates

Rental rates across all industrial space gradually increased between 2012 and 2022, with higher rental prices recorded for larger spaces.

Both commercial and office rentals have increased significantly from 2012 to 2018, with rental prices being higher for office space. Both sectors experienced a decrease in rental rates in 2022.

Source: 2012 – 2022 market reports

2018

2022

**CAPITALISATION RATES** 

2015

Introduction

Performance

The scores provided below summarise the detailed information presented throughout this profile. The method used to calculate Performance and Potential is based on several measurable individual indicators. The scoring system ranges from 0 to 5, where 0 indicates low performance or potential and 5 indicates high performance or potential. This profile compares either to Cape Town CBD (Commercial) or Montague Gardens (Industrial), depending on the classification of the economic area, as these two areas have attracted the most new floor area between 2012 and 2022 within their respective classifications.

PERFORMANCE & POTENTIAL

Incentive & Precinct

Management Benefits

#### **PERFORMANCE POTENTIAL** Proximity to Public **Transport** Land Use Growth Commercial Cap Job Growth Incentive & Precinct Commercial Vacancy Rate Management Benefits Rate Industrial Cap Rate **Building Work** Vacant Residential Industrial Vacancy Land Rate Industrial Vacanc Commercial Vacancy Rate Vacant Commercial & Rate Industrial Land Airport Ind Montague Gardens Airport Ind —Montague Gardens

			Q :
In	dicator	Description	Develo
ınce	Land Use Growth	Measures the growth of new floor area (m²) from 2012 to 2022 within an economic area, compared to other economic areas of similar classification. More growth indicates better performance. <b>Source: General Valuation Roll.</b>	ban land
	Job Growth	Measures the percentage change in jobs within an economic area from 2014 to 2023, comparing this data against other economic areas of similar classification. A higher job prevalence indicates better performance. <b>Source: SARS as of May 2024.</b>	
	Building Work	Measures building work activity (new and improved m²) within an economic area from 2012 to 2022, compared to other economic areas of similar classification. Increased building work activity indicates better performance. <b>Source: City's DAMS.</b>	5
	Vacancy Rate	Measures the average vacancy rates for the commercial and industrial sectors as of 2022, compared to other economic areas of similar classification. Lower vacancy rates indicate better performance. <b>Source: City's Market Reports.</b>	meration
	Capitalisation Rate	Measures the percentage change in capitalisation rates for the commercial and industrial sectors during the years 2012, 2015, 2018, and 2022, comparing them to other economic areas of similar classification. A lower average percentage change between these periods indicates greater maturity and consequently, higher performance. <b>Source: City's Market Reports.</b>	Agglo
Potential	Proximity to Public Transport	Assess the accessibility of various public transport modes near an economic area. Greater access to multiple transport modes indicates higher potential. <b>Source: City's UPD, spatial analysis.</b>	Aarket
	Vacant Land	Assess the availability of vacant land in the commercial, industrial and residential sectors. A higher amount of vacant land across these three sectors as of 2022 indicates greater potential. <b>Source: General Valuation Roll.</b>	2 4 (
	Vacancy Rate	Measures the average vacancy rates for the commercial and industrial sectors as of 2022, compared to other economic areas of similar classification. Higher vacancy rates indicate greater potential. <b>Source: City's Market Reports.</b>	nance

Evaluate the spatial overlap, whether partial or complete, of incentive areas and established precinct management tools within

each economic area. A greater degree of overlap suggests increased potential. Source: City's UPD, spatial analysis.