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NAIROBI CITY TWIN / BUSINESS

Business

Domain Guide

Explore enterprise size, sector, registration and workforce context in the published business records.

City	Nairobi
Coverage	Public sample available
List price	$6,995 USD - standalone domain
Guide edition	Striped Donkey V5.89 - 7 September 2026

Use this guide

Read the documented coverage and limitations alongside the published sample and release evidence. Model counts and sample distributions describe their stated source and period. The final accepted order specifies licensed scope, usage rights, duration and delivery.

Useful questions

- Compare enterprise sectors and sizes
- Inspect registration and operating status
- Review workforce and revenue fields

Scope and limitations

The one enterprise-tier business previously flagged outside the expected workforce-size band was traced to a deliberately-modeled historical state-contractor anchor record, not a generation method defect - the certification check has been updated with a named, disclosed exception rather than the underlying data being changed.

A per-owner business-ownership cap was found exceeded on both City Twins (a small number of synthetic citizens were linked to well over the intended maximum of 5 businesses each). A permanent enforcement step has been written and wired into the standard generation workflow so it runs on every future generation cycle; remediation of the existing release data is in progress.

Sector, size and legal-form composition still relies on a shared core calibration profile more than ideal city-specific differentiation. Public outcomes are disclosed; the underlying weight table and generation model parameters are not.

Business workforce context and Employment-domain headcount are not yet fully reconciled for every linked entity. The cross-domain relationship exists, but the two independently modeled measures are not certified as identical.

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01 How Business fits the City Twin.

FCTE models company formation, ownership, size, sector and operating status for over a million synthetic businesses - the same businesses that employ citizens, contract to build the city and own the land it sits on.

Every business row connects back to a real ward, a real owner (domestic or foreign), and - where linked - a real Employer with real workers. What it does not yet do is pretend to be more mature than it is: several genuine gaps are disclosed below, not hidden.

Nairobi City Twin™ · 1940-2026

02 Known and possible relationships.

Connections follow the published domain scope. Optional, contextual and planned relationships retain their stated limits below.

Domain or context	Relationship and published scope
Demographics	Resident lifecycle context - ownership chronology is certified against age and life-event eligibility origin context supports city-specific aggregate ownership analysis; exact reweighting is controlled
Investor context	foreign-investor participation represented at the public semantic level
Ward / Household	city geography and household context inform aggregate business placement and scale
Employment	Employer (73.9% of employers resolved, Nairobi combined)
Construction	BuildingPermit / Project (120,000 + 70,002 rows, Nairobi)
Parcel business ownership	60,000 rows in the Nairobi release
Insurance	InsuranceCompany (0 rows, Nairobi)
Finance	TaxAccount / BudgetExpenditure (0 rows, Nairobi)
Health	Facility (0 rows, Nairobi)

Supporting links

Employment

Taxation

Economy

Demographics

Health

Finance

Insurance

Construction

03 From a registration date to a real economic role.

FCTE Business represents company formation, ownership and operating status for the enterprises that anchor the wider city economy - most of them small, most of them owned by an ordinary citizen.

BusinessCode, BusinessName, a 16-value canonical sector category and one of 7 legal forms (BusinessType) - assigned a RegistrationDate anywhere from 1940 to 2026.

Owned by a domestic citizen (domestic-owner identity), a resident foreign investor (foreign-investor identity), or left unowned for STATE_OWNED / NGO forms - with a disclosed per-owner concentration cap.

MICRO through ENTERPRISE (BusinessSize), with workforce count and a modeled Revenue banded by sector and size tier.

ACTIVE, DORMANT, SUSPENDED or LIQUIDATED - including businesses that close because their owner died (a real, wired lifecycle event, not just a status flag).

16 canonical sectors, shared jurisdiction-agnostically, crosswalked to Nairobi's own Employment sector vocabulary via SectorCrosswalk.

The same Business row can be referenced elsewhere as an Employer, a building contractor or a landowner - one identity, several real roles.

Every Business row is marked IsRegistered = 1 today - 100%, Nairobi. This table does not represent the informal, unregistered economy; genuinely informal self-employment is modeled separately in Employment's SelfEmployment and InformalCluster tables, not here. Business models registered company formation, not street-level informal trade.

Supporting links

Employment

04 A business is dated once and mostly holds still.

Formation and ownership are genuinely modeled and temporally consistent. Day-to-day business change - growth, contraction, a voluntary wind-down unrelated to the owner - is not yet part of this engine, and this page says so rather than implying otherwise.

What is represented: Registration timing, operating status and ownership chronology are represented across the historical release. Public certification verifies lifecycle consistency; exact status probabilities, sampling dates, assignment steps and regression-guard design remain controlled.

What's planned, not modeled: organic growth or contraction in workforce count/Revenue over a business's own history, voluntary closure or bankruptcy independent of owner death, and re-registration after closure are not currently generated. A business's size and status today are effectively a snapshot taken once, not a lived history.

05 The business model, as released in Nairobi.

This section describes the live Nairobi release on its own terms: its scale, ownership signals, geography and the parts of the model that remain intentionally generic.

City-specific signals verified in the release:

Shared model assumptions - disclosed, not presented as city character:

Explore Business Evidence →

• Foreign-investor community composition is led by Indian, British and Chinese residents in the populated ownership pool.

• 3.62% of Nairobi businesses are foreign-national-owned in the current generated release.

• Indian-Kenyan ownership is reweighted toward Retail and Manufacturing using the documented historical ownership calibration.

• Business geography is ward-specific; Mowlem, Eastleigh North and Pumwani are among the high-count Nairobi wards represented in the release.

Attribute	Nairobi release
Top sector (RETAIL)	22.00%
MICRO share	Within calibrated realism band
SOLE_PROPRIETORSHIP share	55.24%
Distinct sectors in use	16 of 16

Supporting links

Explore Business Evidence →

06 Households become an economy.

Business volume, registration timing and ownership eligibility are calibrated to city context and resident lifecycle constraints. Public pages expose the resulting distributions and certification outcomes; exact sizing ratios, sampling strategy, assignment sequence and guard design remain controlled.

Published business surveys, administrative statistics and historical registration evidence anchor sector, size, ownership and formation patterns at city level.

Per-sector revenue-per-employee bands, derived from the sector/size assignment rather than independently sourced.

Business formation, sector mix, size class, ownership and registration timing are calibrated to cited city evidence and release-level realism checks. Exact weights and assignment logic remain controlled.

Individual synthetic assignments are generated under controlled domain rules. Exact sampling, assignment order and parameterization are not published.

View Business Generation Methodology →

16 canonical sector codes, shared across this jurisdiction.

Resident foreign-national investor pool, FDI-sector-capped.

Open Business Source Catalogue →

Supporting links

View Business Generation Methodology →

Open Business Source Catalogue →

07 From city-wide company registry to one real record.

Every row above is real and currently live on Nairobi release - not illustrative. Disclosed limitation: the 17 linked Contract rows carry job titles (e.g. "House Help") drawn from Employment's own generic Employer-generation pool, not cross-validated against this business's MEDIA sector identity - see Limitations below.

Direct synthetic records from the current City Twin™ release. No record represents a real company.

Explore Business Data →

Public entity family	Represents	Disclosure boundary
Enterprise identity	Synthetic business identity, geography and operating status	Physical identifiers and registration fields are controlled
Sector & size context	Industry, size and legal-form categories	Exact calibration shares and assignment weights are controlled
Ownership & operator context	Resident, household or institutional ownership context	Physical ownership keys and assignment logic are controlled
Business lifecycle	Formation, activity and closure context through time	Transition rules and generation model sequence are controlled

Business ID	BusinessName	Sector	RegistrationDate	Status

Supporting links

Explore Business Data →

08 Does the synthetic economy resemble the city?

The core realism claims hold up against sourced benchmarks. One structural finding and several deeper limitations are disclosed here - not hidden.

Open Business Realism Report →

The full certification check-11 structural battery plus a 6-check realism pass (certification check-R06) run live against Nairobi release. All 11 structural checks pass.

A separate 6-check realism suite (certification check-R06) passes 5 PASS / 1 INFO on this City Twin™ today, with 0 FAIL. Revalidated live 2026-08-06.

Explore Every Business Check →

- certification check - SectorCrosswalk fully populated: 16 of 16 sectors
- certification check - BusinessCode uniqueness: 0 duplicates, Nairobi
- certification check - workforce count within its BusinessSize band: 0 violations, Nairobi
- certification check - sector category resolves in SectorCrosswalk: 0 unmapped
- certification check - resident-owner reference integrity: 0 unresolved references
- certification check - operator-business reference integrity: 0 unresolved references
- certification check - sector category within the converged CHECK enum: 0 violations
- certification check - RegistrationDate not future-dated: 0 rows, Nairobi
- certification check - no non-liquidated business owned by a deceased citizen: 0 rows
- certification check - owner age at registration: 0 violations, Nairobi
- certification check - 16 of 16 distinct sectors in use; largest sector 22.0%, Nairobi

• certification check - IsEmployer/workforce count consistency: 0 mismatches, Nairobi

• certification check - Foreign-ownership share: INFO only, no cited city-level benchmark

Supporting links

Open Business Realism Report →

Explore Every Business Check →

09 Synthetic business data has boundaries.

The one enterprise-tier business previously flagged outside the expected workforce-size band was traced to a deliberately-modeled historical state-contractor anchor record, not a generation method defect - the certification check has been updated with a named, disclosed exception rather than the underlying data being changed.

A per-owner business-ownership cap was found exceeded on both City Twins (a small number of synthetic citizens were linked to well over the intended maximum of 5 businesses each). A permanent enforcement step has been written and wired into the standard generation workflow so it runs on every future generation cycle; remediation of the existing release data is in progress.

Sector, size and legal-form composition still relies on a shared core calibration profile more than ideal city-specific differentiation. Public outcomes are disclosed; the underlying weight table and generation model parameters are not.

Business workforce context and Employment-domain headcount are not yet fully reconciled for every linked entity. The cross-domain relationship exists, but the two independently modeled measures are not certified as identical.

Some linked construction/business histories can violate intuitive ordering in the current release. The issue is disclosed as a temporal-certification gap without publishing exact record counts, identifiers or repair logic.

Several registered relationships into Insurance, Finance and Health remain unpopulated in the current release. They are treated as planned/registered interfaces, not functioning data paths.

Business status and size do not yet evolve through a fully endogenous growth/contraction model. Lifecycle change is limited to explicitly implemented events; exact generation-time assignment logic is controlled.

No synthetic business corresponds to a real company. Business names, owners and financials are statistically generated, not drawn from a real companies registry.

View All Business Limitations →

Supporting links

View All Business Limitations →

10 Business improves as evidence and models improve.

View Full Business Change Log →

Supporting links

View Full Business Change Log →

11 From a registration date to a real workforce - and a real gap.

Business 33842 · MEDIA sector · Laini Saba ward, Nairobi · registered 2002-06-12 · MICRO size, 9 nominal employees.

A real, DOB-eligible domestic owner - assigned by the same eligibility rule enforced everywhere in this engine, not a placeholder.

Confirmed live: 0 of 10,002 Nairobi Employer rows carry a BusinessId - the relationship field exists, but nothing populates it today. A business's registered workforce can't yet be traced to its own Employer/Contract rows.

Business ownership (real, DOB-eligible owners like Citizen 416252) and Employer/Contract data (real, currently-live rows) are each generated and certified independently - they just don't join to each other yet. Shown, not hidden.

Available as Standalone Domain · Multi-Domain Bundle · Full City Twin™

Supporting links

Explore This Record →

View the analysis example →

See the Evidence →

Review licensing & delivery details →

View Pricing & Licensing →

Browse Business Data →

Explore Multi-Domain Access →