

# Mathematical Modelling of Infectious Diseases in Epidemiology using R

DATE: Monday, August 11, 2025  
LOCATION: Nairobi, Nairobi County, KE

## Event Description

Mathematical Modelling of Infectious Diseases in Epidemiology using R is a premier expos event in Nairobi. This event attracts visitors from around the world and significantly impacts local hotel demand, creating opportunities for strategic revenue management and guest experience optimization.

## Key Information

**Category:** expos

**Importance Rank:** 40/100

**Expected Attendance:** 300 people

**Event ID:** 9VB9eiRTqfD8D9a6He

## Hotel Demand Indicators

**ADR Impact Index:** 4.9x baseline (varies by property tier & location)

**Occupancy Impact:** +60 percentage points over baseline

**Booking Lead Time:** Demand begins 30 days before event

**Impact Radius:** 15km from venue

**Estimated Room Nights:** 120 across all properties

*Note: Actual impact varies by property location, star rating, and local market conditions.*