

# Interpreting Risk of Hospitalisation (RoH)

## What is Risk of Hospitalisation?

A prediction used to estimate the likelihood that a patient will return to hospital via the Emergency Department (ED) within either **30 days** or **60 days** following discharge. RoH is updated daily for all inpatients based on key clinical and demographic factors and is designed to **support discharge planning** and **reduce preventable readmissions**.

RoH is predicted using information available in SystemView such as:

- Patient age
- Time since previous admission
- Length of stay
- Number of recent ED visits
- Number of recent outpatient appointments
- Admission ward
- Whether the patient is local to the health service
- Maternity-specific information (where applicable)

## RoH Thresholds and Categories

Each patient is assigned a RoH percentage at 30 and 60 days, which falls into one of three risk categories and is colour-coded to flag their level of readmission risk.

### 30-Day RoH Thresholds

- **High Risk:** Greater than 30%
- **Medium Risk:** 15% – 30%
- **Low Risk:** Less than 15%

### 60-Day RoH Thresholds

- **High Risk:** Greater than 40%
- **Medium Risk:** 25% – 40%
- **Low Risk:** Less than 25%

## Use & Applications in SystemView

Outside of the Risk of Hospitalisation (RoH) component group, RoH is used throughout the Beds domain to support discharge planning, prioritise follow-up care, and monitor readmission risk.

### Complex Patients

#### Admitted Patient Register, Complex Patient Register & Complex Patient Escalation List

These tables display comprehensive inpatient information and can be easily filtered to support patient reviews and discharge planning.

#### ■ High Risk

Patient has a > 30% chance of being readmitted within 30 days, or > 40% within 60 days.

#### ■ Medium Risk

Patient has a 15–30% chance of readmission within 30 days, or 25–40% within 60 days.

#### ■ Low Risk

Patient has < 15% chance of readmission within 30 days, < 25% within 60 days.

### Ward View

#### Ward Demand & Ward Overview

This table provides demographic, length of stay and risk of hospitalisation information for all patients admitted to the current ward.

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#### ■ Low Risk

Patient has < 15% chance of readmission within 30 days, < 25% within 60 days.