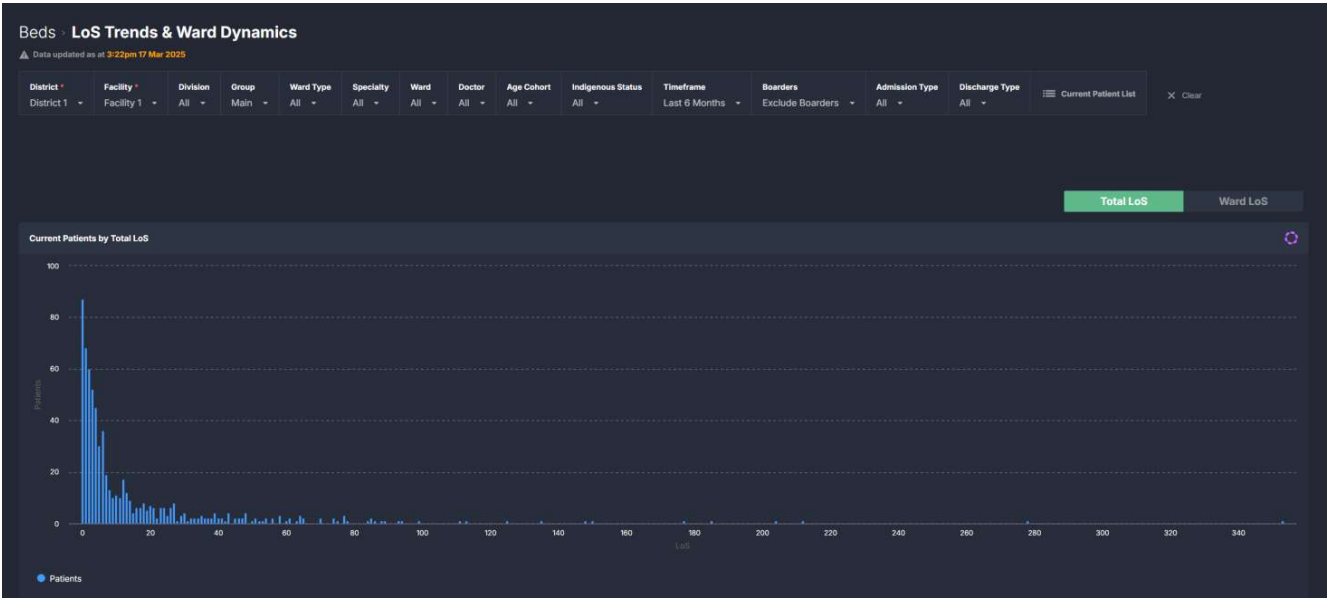


LoS Trends & Ward Dynamics

Length of Stay (LoS) Trends & Ward Dynamics provides a detailed view of inpatient occupancy, admissions, discharges, and Los trends over the past 18 months. It enables users to monitor performance, identify patterns in ward behaviour, and support service improvement planning. By analysing LoS data, allows users to identify high risk patients and implement complex patient pathways to reduce the risk of extended stays. This component also helps forecast demand, manage patient flow, and develop strategies to optimise capacity and resource allocation at the Division, Ward, Specialty, and Doctor level.



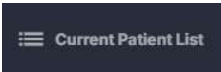
Filtering

The following options are available in this component’s **Filter Bar**:

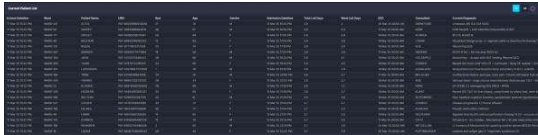
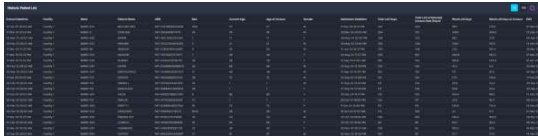
Filter	Description	Filter	Description
Division	Filters the component data by division. Select all divisions or a single division.	Age Cohort	Filters the component data by patient age cohort. Select all or a single age cohort.
Group	Allows filtering of component by ward group: Main (inpatient overnight wards used for patient flow) or Other (includes non-overnight wards like Medical Day Units).	Indigenous Status	Filters the component data by Indigenous status. Select all or a single status.
Ward Type	Allows filtering of the component by ward type: Physical (onsite) or Virtual (offsite, e.g., Hospital in the Home).	Timeframe	Adjusts the historical trend charts to display data from the past 3, 6, 12, or 18 months.
Specialty	Filters the component data by specialty. Select all, multiple, or a single specialty.	Boarders	Includes or excludes boarder patients in the displayed metrics.
Ward	Filters the component data by ward. Select all, multiple, or a single ward.	Admissions Type	Filters the component data by admission type: Hospital (admitted via the Emergency Department or scheduled pathways) or Ward (transferred from another ward).
Doctor	Filters the component data by doctor. Select all, multiple, or a single doctor.	Discharge Type	Filters the component data by discharge type: Home (discharged to home) or Ward (transferred to another ward).

Buttons

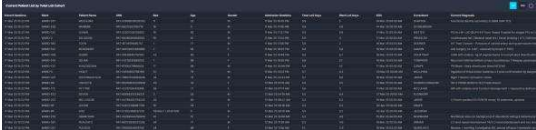
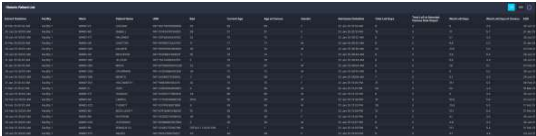
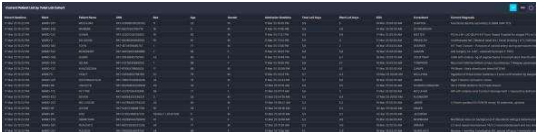
The following buttons are available in this component.

Button	Screenshot	Action
Current Patient List		Clicking button displays: Current Patient List List of all current patients within the filtered selection, organised by longest LoS at the top. Includes key details such as patient details, admission date and time, current ward and bed, consultant, and current diagnosis. 
Total LoS / Ward LoS		Toggles the view of the charts in this component to display patients by their total facility LoS or by the LoS on their current ward.

Component Tiles

Tile	Screenshot	Explanation
Current Patients by Total LoS / Ward LoS		Displays the total number of current patients distributed by the number of days they have occupied a bed. Tip: Selecting a bar on the chart will display a Current Patient List of all current patients with a LoS matching the number of days in the selected bar. 
Occupancy by Date		Displays a historical trend of bed occupancy, showing the number of occupied beds against the total number of available beds at midnight. The trend line reflects the historical percentage of bed occupancy over time. Tip: Clicking on a specific point on the chart opens a Historic Patient List of all patients who were occupying a bed at the selected date.  Note: Clicking the i in the top left-hand corner of this chart provides an overview of the wards linked to each specialty. Selecting a specialty filter will adjust this chart to reflect data based on the specialty-related wards listed in the table.

Tile	Screenshot	Explanation
Admissions & Discharges		Displays the historical day-by-day trend of admissions and discharges, along with the net balance of admissions versus discharges. - Admissions - Discharges - Negative balance (more discharges than admissions) - Positive balance (more admissions than discharges) Tip: Clicking on a point on the admissions trendline will open an Admissions Patient List for the selected day. Clicking on a point on the discharges trendline will open a Discharges Patient List for the selected day.
Average Total / Ward LoS by Date		Displays a historical trend for the average LoS of all patients. Tip: Clicking on a point in this chart will open a Historic Patient List of all patients who occupied a bed on the selected day.
Longest Total / Ward LoS by Date		Displays the historical trend of the longest LoS based on the single patient with the longest LoS at the time. Once that patient is discharged, the next longest-staying patient will take their place on the trend chart. Tip: Clicking on a point in the chart opens a Historic Patient List of all patients who occupied a bed on the selected day, organised with the longest-staying patient at the top.

Tile	Screenshot	Explanation
Total / Ward LoS Patient Cohorts by Date		Displays a historical trend of all patients with a LoS that fits into one of the following cohort groups: - LoS = 1 day - LoS = 2 days - LoS = 3–5 days Tip: Selecting a point on any of the cohort trend lines will open: Current Patient List of all patients with a current LoS that falls within the selected cohort.  Historic Patient List of all patients who were occupying a bed and fit into the selected cohort LoS group on the selected day. 
Total / Ward LoS Patient Cohorts by Date		Displays a historical trend of all patients with a LoS that fits into one of the following cohort groups: - LoS = 6–14 days - LoS = 15–30 days - LoS = > 30 days Tip: Selecting a point on any of the cohort trend lines will open: Current Patient List of all patients with a current LoS that falls within the selected cohort.  Historic Patient List of all patients who were occupying a bed and fit into the selected cohort LoS group on the selected day. 