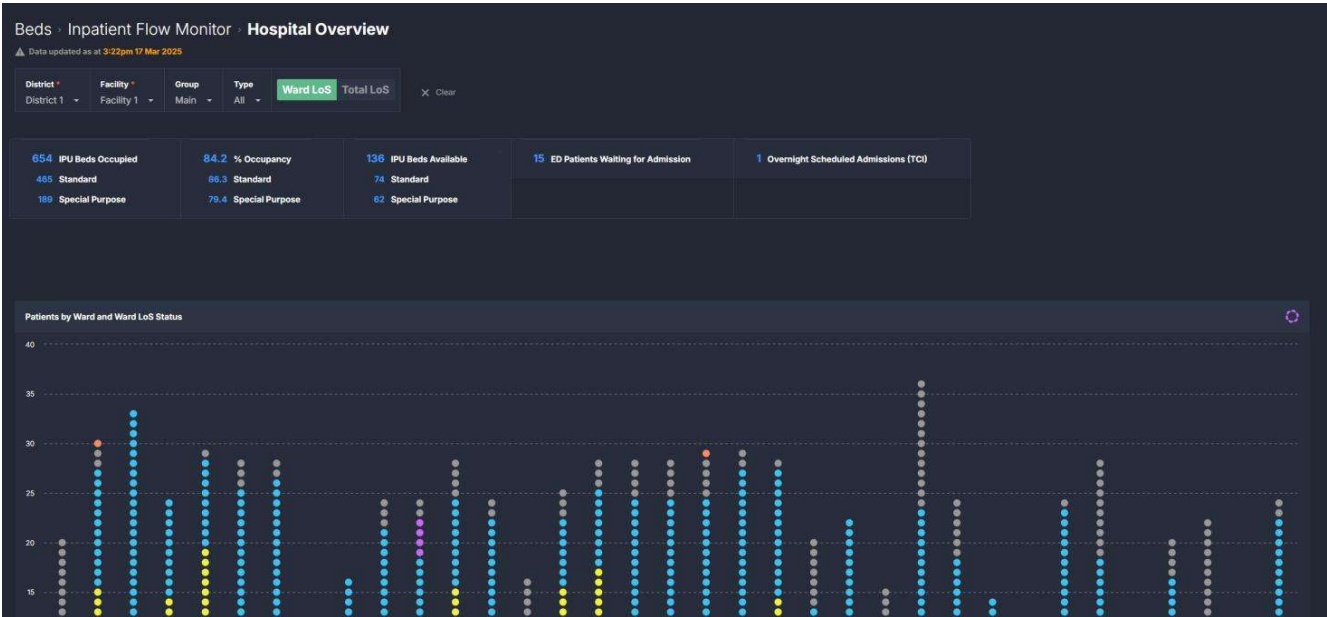


# Inpatient Flow Monitor

## Hospital Overview

Hospital Overview provides a live analysis of inpatient occupancy levels across the facility. It offers a whole-of-hospital view of current bed occupancy, including the number of occupied and available beds, with a breakdown of standard and special-purpose beds. It also identifies patients with a higher length of stay than expected based on clinical peer groups, using simple color-coded visualisations to highlight potential patient flow issues.



## Filtering

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

| Filter       | Description                                                                                                                                                                       | Filter      | Description                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Group</b> | Allows filtering of component by ward group: <b>Main</b> (inpatient overnight wards used for patient flow) or <b>Other</b> (includes non-overnight wards like Medical Day Units). | <b>Type</b> | Filters the component data to bed type: <b>Standard Beds</b> , <b>Special Purpose Beds</b> , and <b>Mental Health (MH) Beds</b> . |

## Buttons

The following buttons are available in this component.

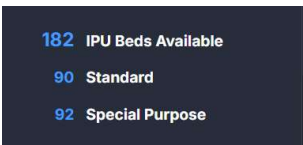
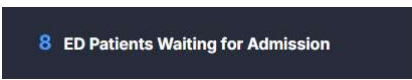
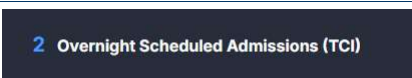
| Button                      | Screenshot | Action                                                                                                                                                                                                           |
|-----------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ward LoS / Total LoS</b> |            | Toggles the chart view below to display bed occupancy based on either the number of days patients have been occupying a bed on the current ward or their total length of stay (LoS) in the hospital or facility. |

## SystemView Logic

The following **SystemView Logic** is available in this component:

| Logic                                 | Explanation                                                                                                                                                                                                                                        | Further Information                                                   |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Flow Length of Stay (Flow LoS)</b> | Calculation of the expected period of time a patient should stay on a ward to maintain optimal patient flow, based on historical demand. It helps identify patients who have exceeded or are at risk of exceeding the optimal flow length of stay. | <a href="#">Click here to learn more about interpreting Flow LoS.</a> |

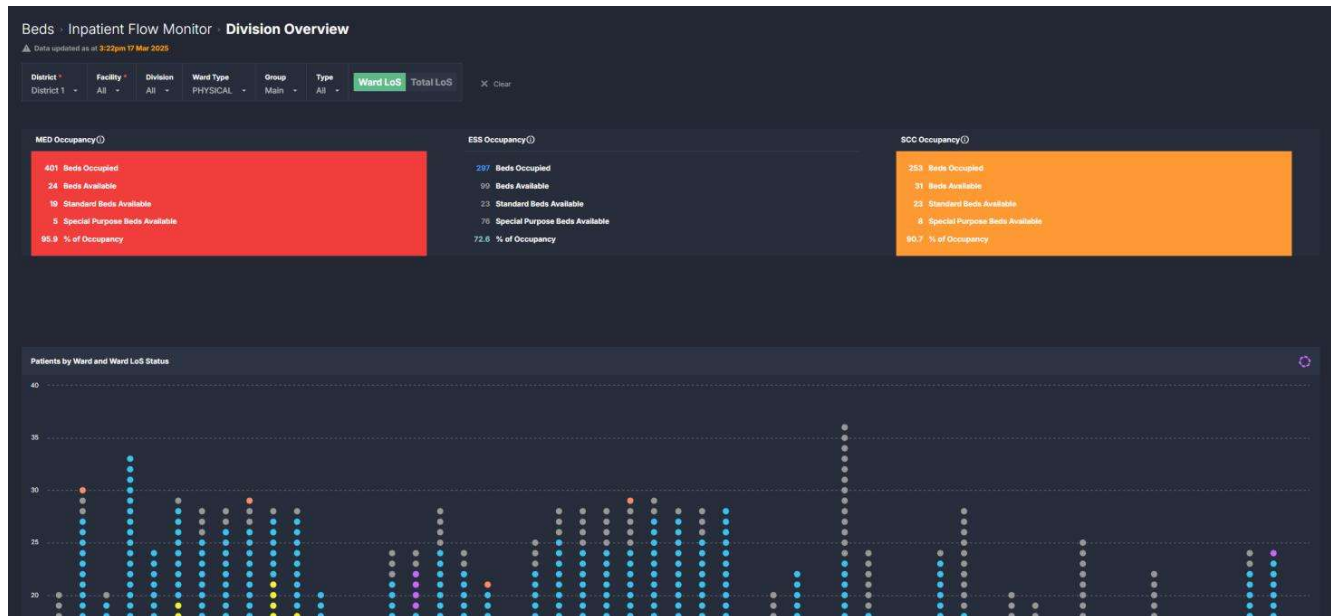
## Component Tiles

| Tile                                 | Screenshot                                                                          | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bed Occupancy Summary                |    | Displays the total number of currently occupied beds, with a breakdown of <b>Standard</b> and <b>Special Purpose</b> beds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Bed Occupancy %                      |    | Displays the current occupancy percentage, with a breakdown of <b>Standard</b> and <b>Special Purpose</b> beds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Bed Availability Summary             |    | Displays the total number of currently available beds, with a breakdown of <b>Standard</b> and <b>Special Purpose</b> beds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ED Patients Waiting for Admission    |  | Displays the number of patients currently in the Emergency Department waiting for admission to a bed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Overnight Scheduled Admissions (TCI) |  | Displays the number of patients to come in (TCI) with a planned scheduled admissions for an overnight stay.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Patients by Ward and Ward LoS Status |  | <p>Displays visual representation of occupied, reserved, and available inpatient beds, displaying bed availability and occupancy across each ward in the hospital. It offers an overview of each patient and their Flow LoS status in each ward:</p> <ul style="list-style-type: none"> <li>Available bed</li> <li>Patient with a ward LoS below the ward's Flow LoS</li> <li>Passive Bed Risk<br/>Patient with a ward LoS above but less than double the ward's Flow LoS</li> <li>Passive Bed<br/>Patient with a ward LoS at or more than double the ward's Flow LoS</li> <li>Boarder patient<br/>Someone staying with an inpatient, such as a family member</li> <li>Reserved bed</li> </ul> <p><b>Tip:</b> Clicking on a patient data point in the chart opens a <b>Current Patient List</b> for the selected ward, showing key details such as patient name, bed</p> |

| Tile | Screenshot | Explanation                                                                                                                                                                                |
|------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |            | <p>number, total LoS, ward LoS, consultant, current diagnosis, and risk of hospitalisation metrics.</p>  |

## Division Overview

Division Overview component provides a live analysis of inpatient occupancy levels by division. It offers a clear view of current bed occupancy, including the number of occupied and available beds, with a breakdown of standard and special-purpose beds. The component helps identify patients with a higher length of stay than expected based on clinical peer groups, supporting improved patient flow and capacity management across hospital directorates.



## Filtering

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

| Filter          | Description                                                                                                                                                                       | Filter           | Description                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Division</b> | Filters the component data by division. Select all divisions or a single division.                                                                                                | <b>Ward Type</b> | Allows filtering of the component by ward type: <b>Physical</b> (onsite) or <b>Virtual</b> (offsite, e.g., Hospital in the Home). |
| <b>Group</b>    | Allows filtering of component by ward group: <b>Main</b> (inpatient overnight wards used for patient flow) or <b>Other</b> (includes non-overnight wards like Medical Day Units). | <b>Type</b>      | Filters the component data to bed type: <b>Standard Beds</b> , <b>Special Purpose Beds</b> , and <b>Mental Health (MH) Beds</b> . |

## Buttons

The following buttons are available in this component.

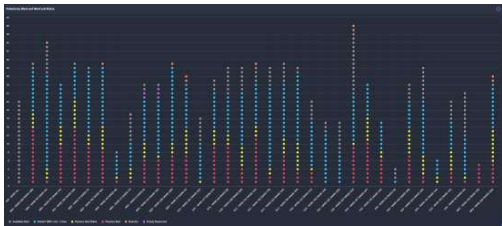
| Button                      | Screenshot | Action                                                                                                                                                                                                                  |
|-----------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ward LoS / Total LoS</b> |            | Toggles the chart view below to display bed occupancy based on either the number of days patients have been occupying a bed on the current ward or their <b>total length of stay (LoS)</b> in the hospital or facility. |

## SystemView Logic

The following **SystemView Logic** is available in this component:

| Logic                                 | Explanation                                                                                                                                                                                                                                        | Further Information                                                   |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Flow Length of Stay (Flow LoS)</b> | Calculation of the expected period of time a patient should stay on a ward to maintain optimal patient flow, based on historical demand. It helps identify patients who have exceeded or are at risk of exceeding the optimal flow length of stay. | <a href="#">Click here to learn more about interpreting Flow LoS.</a> |

## Component Tiles

| Tile                                 | Screenshot                                                                          | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Division Summary                     |    | <p>Displays a summary of bed occupancy broken down by division, showing the number of occupied beds, available beds (with a breakdown of standard and special-purpose beds), and the percentage of occupancy. The tile colour indicates occupancy risk:</p> <ul style="list-style-type: none"> <li>■ Division occupancy &gt;95%</li> <li>■ Division occupancy &gt;85%</li> <li>■ Division occupancy ≤85%</li> </ul> <p><b>Tip:</b> Selecting the ⓘ on a division's tile opens a <b>Ward Details</b> patient list of all patients currently occupying a bed within the division. This includes key details such as patient information, their current ward and bed, patients' length of stay, and the ward's Flow LoS.</p>                                                                                                                                                                                               |
| Patients by Ward and Ward LoS Status |  | <p>Displays visual representation of occupied, reserved, and available inpatient beds, displaying bed availability and occupancy across each ward in the hospital. It offers an overview of each patient and their Flow LoS status in each ward:</p> <ul style="list-style-type: none"> <li>■ Available bed</li> <li>■ Patient with a ward LoS below the ward's Flow LoS</li> <li>■ <b>Passive Bed Risk</b><br/>Patient with a ward LoS above but less than double the ward's Flow LoS</li> <li>■ <b>Passive Bed</b><br/>Patient with a ward LoS at or more than double the ward's Flow LoS</li> <li>■ <b>Boarder patient</b><br/>Someone staying with an inpatient, such as a family member</li> <li>■ Reserved bed</li> </ul> <p><b>Tip:</b> Clicking on a patient data point in the chart opens a <b>Current Patient List</b> for the selected ward, showing key details such as patient name, bed number, total LoS, ward LoS, consultant, current diagnosis, and risk of hospitalisation metrics.</p> |

