

Demand by Time Report

The **Demand by Time** report shows how classes in each department are distributed.

Use this report to view and assess classroom demand across the day. The report compares demand over a daily time span with demand over a "critical range" from the selected data filter.

Questions the Demand by Time can help answer include:

- How does the demand for classrooms vary over the course of the day?
- How does the demand throughout the day vary by sponsoring department?
- Is there evidence that classes are frequently overflowing your standard class meeting patterns, creating pockets of space waste?



Report Settings

- The **Group By** option lets you choose whether each chart represents its own 25Live organization, college, or breakpoint group.
 - **Breakpoints:** If Enrollment Breakpoints are selected in Group By, you can choose from an existing list or type your own custom breakpoints directly into the box.
- The **Calculate Demand By** option lets you choose whether to use Events, Meetings, or Headcounts to calculate the demand.
- The **Sort By** dropdown let you specify how department data is sorted and displayed:
 - Default - alphabetically
 - By total number of meetings (high to low)
 - By total number of meetings within the critical time range (high to low)
 - By percentage of meetings within the critical time range (high to low)
 - If you select this option, you are also able to set a target percentage range to check for all

departments

- The **Schedule** option lets you apply a standard schedule.
- The **Chart Display** option lets you specify whether departments should be displayed in their own charts or combined into a single chart with the same horizontal axis.
- Check the **Normalize Y-Axis** checkbox to display each chart with the same range of meeting hours
- The **Mode** selector lets you choose how to interact with the report in the matrix view:
 - In **Default** mode, all departments are visible as separate charts. Clicking one expands just that chart to a larger size.
 - In **Select** mode, you can check boxes to select different departments and **hide** them (remove their charts from view) or **compare** them (remove all other charts).
 - In **Zoom** mode, all departments are combined into a single high-resolution image that allows you to cursor over the chart and use your scroll wheel to zoom in and out.

Reading the Report

- The X-axis shows the times of day.
- The Y-axis shows the total count of class meetings at each point in time for the specified days.
- The gray shading visible behind the demand data on the graphs shows the critical time range.
- The red shading shows events that are not compliant with meeting patterns in the selected schedule.
- The green shading shows events that are compliant with meeting patterns in the selected schedule.
- If a target range is checked, icons above each graph show whether the department is too high (▲), too low (▼), or on target (☑) for the selected range
- Section names link to the section in 25Live
- Users can view a subset of grouped data by using the link on a single group name or by selecting multiple groups in Select Mode and choosing to "View Data"
 - *Accessibility Tip: This also makes the available underlying data accessible for screen readers*

Assessing the Report Results

- What is the report showing you about classes?
- Are there any unexpected results?
- Is the impact on critical times what you expected?
- How might anomalies relating to demand be rectified?