# Viewing Events Tables in X25 Analytics

The snapshot breadcrumbs at the top of the page have two dropdown menus which allow you to refine the content displayed on the page.

- **Filter options**, which hide events or locations that don't belong in a selected filter.
- **Group options**, which divide the events or locations into sub-groups. Click a group's name to see detailed information about its contents.
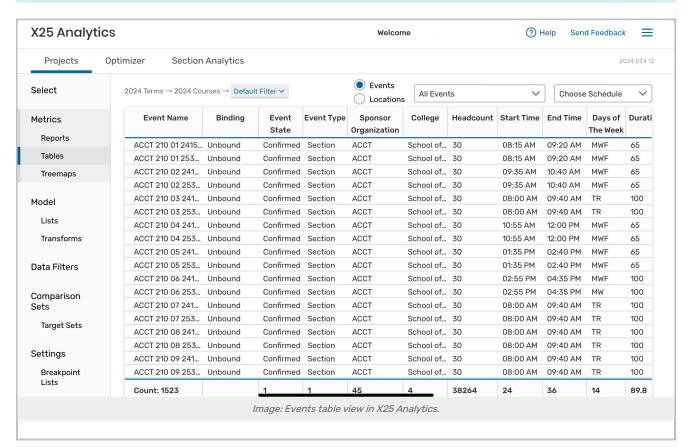
The last row in each table is the Summary row, which includes totals, averages, or counts of each column, depending on the corresponding data.

> **Note: Export Report**
>
> At the bottom of each table is the option to **Export** data. Clicking this button downloads the filtered table results as a CSV file.
>
> The resulting file will also feature a "Report Summary" sheet. You can also view a "Location Details" and/or "Event Details" sheet, depending on the type of data exported.

| Event Name | Binding | Event State | Event Type | Sponsor Organization | College | Headcount | Start Time | End Time | Days of The Week | Durati |
|---|---|---|---|---|---|---|---|---|---|---|
| ACCT 210 01 2415... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:15 AM | 09:20 AM | MWF | 65 |
| ACCT 210 01 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:15 AM | 09:20 AM | MWF | 65 |
| ACCT 210 02 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 09:35 AM | 10:40 AM | MWF | 65 |
| ACCT 210 02 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 09:35 AM | 10:40 AM | MWF | 65 |
| ACCT 210 03 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 03 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 04 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 10:55 AM | 12:00 PM | MWF | 65 |
| ACCT 210 04 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 10:55 AM | 12:00 PM | MWF | 65 |
| ACCT 210 05 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 01:35 PM | 02:40 PM | MWF | 65 |
| ACCT 210 05 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 01:35 PM | 02:40 PM | MWF | 65 |
| ACCT 210 06 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 02:55 PM | 04:35 PM | MWF | 100 |
| ACCT 210 06 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 02:55 PM | 04:35 PM | MW | 100 |
| ACCT 210 07 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 07 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 08 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 08 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 09 241... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| ACCT 210 09 253... | Unbound | Confirmed | Section | ACCT | School of... | 30 | 08:00 AM | 09:40 AM | TR | 100 |
| Count: 1523 | | 1 | 1 | 45 | 4 | 38264 | 24 | 36 | 14 | 89.8 |

*Image: Events table view in X25 Analytics.*

The columns available when viewing event data change based on the selected grouping option. When viewing the "All Events" list, you can choose which columns are visible via the checkboxes below the table.

You can select a Standard Schedule from the drop-down on the right. This will show whether each event's meeting patterns are compliant with that schedule.

> **ⓘ** **Note: Bound Primary Events Excluded Error**
>
> Note: bound primary events have been excluded from this data set. Learn more
>
> | Event Name | Binding | Sponsor Organization | College | Headcount | Start Time | End Time | Days of The Week | Duration | Occurrences | Meeting Hours |
> |---|---|---|---|---|---|---|---|---|---|---|
> | ACCT 210 01 264... | Unbound | ACCT | | 30 | 08:10 AM | 09:25 AM | MWF | 75 | 47 | 58.8 |
> | ACCT 210 02 264... | Unbound | ACCT | | 30 | 09:30 AM | 10:45 AM | MWF | 75 | 47 | 58.8 |
> | ACCT 210 03 264... | Primary | ACCT | | 30 | 07:55 AM | 09:45 AM | S | 110 | 1 | 1.8 |
> | ACCT 210 03 264... | Unbound | ACCT | | 30 | 07:55 AM | 09:45 AM | S | 110 | 1 | 1.8 |
> | ACCT 210 03 264... | Primary* | ACCT | | 30 | 07:55 AM | 09:45 AM | TR | 110 | 31 | 56.8 |
>
> The error "*Bound primary events have been excluded from this data set*" indicates that your event search and/or applied/default data filter has omitted the primary event(s) from a bound set, causing the secondary event(s) to now have a Binding category of "Primary*."

> **✓** **Tip: Column Sorting**
>
> Sort the rows on the table by clicking on a column header.
>
> Note: Most columns sort data in alphabetical or numerical order, but clicking on the Binding column once will group bound sections together. Clicking on the column header a second time will sort the column alphabetically.

# All Events

When "All Events" is selected, these columns are shown:

- **Event Name** - The name of the event. If an event has multiple meeting patterns, each appears separately with the same name
- **Binding** - Displays Unbound, Primary, or Secondary, based on the binding status of the event
- **Event State** - The state of the event in 25Live at the time of import
- **Event Type** - The chosen type for the event upon creation and/or editing
- **Sponsor Organization** - The primary organization for the event
- **College** – A location's associated college
- **Headcount** - Either the registered or expected headcount of the event, depending on filter options
  - A **Total Headcount** column may also appear when choosing to view Events by Headcount
- **First Date/LastDate**- The first and last dates of the event, in YY/MM/DD format
- **Start Time/EndTime**- The start and end time of the event, in a 24-hour format
- **Days of the Week** - The days of the week when the event meets. (M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=Saturday, U=Sunday)
- **Duration** - The duration (in minutes) of the event
- **Occurrences** - The total number of occurrences in an event

- **Meeting Hours** - The total duration (in hours) of all occurrences among all events
- **Usage Hours** - The total of the meeting hours plus the passing time for each occurrence in a location
- **Contact Hours** - For each event, its meeting hours are multiplied by its enrollment and added together to reach this value
- **Location** - The name of the assigned location, if any
- **Capacity** - The assigned location's maximum capacity
- **Building** - The assigned location's building
- **Partition Match\*** - A numerical value will be assigned to indicate how well the event's location matches the sponsor organization's partition preferences
    *See the Partition Matching legend at the bottom of this article for more information.*
- **Feature Match** -  How well the event's location matches the event's location feature preferences
- **Compliant** - Whether or not the event's meeting pattern matches the selected  Standard Schedule
- **Seat Utilization** - The event's seat utilization (its enrollment divided by the capacity of the assigned location)

> ℹ️ **Note: Columns Added After Historical Snapshots**
>
> As X25 Analytics is constantly being improved. If a historic snapshot was captured before some columns were added to the table, you may need to update the snapshot.

## Events Grouped By...

Event tables can use the following grouping options.

- Events by Event Type
- Events by Organization
- Events by College
- Events by Headcount
- Events by Duration
- Events by Day Combination
- Events by Day and Duration
- Events by Start Time
- Events by End Time
- Events by Meeting Pattern
- Breakpoint: System Default
- Breakpoint: 10s
- Breakpoint: Standard Breakpoints

## Group By Columns

After choosing how to group the data, these columns will be shown:

- **Group Name** - Indicates the selected grouping. Click the name of a group to see more details about its contents
- **# of Events** - The count of events within the group
- **Headcount** - The total registered or expected headcount of all events in the group, depending on  filter options
    - A **Total Headcount** column may also appear when choosing to view Events by Headcount
- **Average Duration** - The average duration (in minutes) of events in the group
- **Occurrences** - The total number of occurrences among all events in the group (within the date range of the selected filter)
- **Meeting Hours** - The total duration (in hours) of all occurrences among all events
- **Usage Hours** - The total of the meeting hours plus the passing time for each occurrence in a location
- **Contact Hours** - For each event, its meeting hours are multiplied by its enrollment and added together to reach this value
- **Seat Utilization** - The average utilization (enrollment divided by capacity) of all events in the group
- **Average Compliance** - The percentage of events whose meeting patterns match the selected  Standard Schedule

## Group Details

When you click on a group's name you can see a list of all events in the group. These columns are shown for each event:

- **Event Name** - The name of the event. If an event has multiple meeting patterns, each appears separately with the same name
- **Binding** - Whether the event is bound or unbound to other events
- **Event State** - The state of the event
- **Event Type** - The associated event type
- **Sponsor Organization** - The primary organization for the event
- **College** -  A location's associated college
- **Headcount** - Either the registered or expected headcount of the event, depending on  filter options
- **First/Last Date** - The start and end date of the event
- **Start Time/End Time** - The start and end time of the event, in a 12-hour format
- **Days of the Week** - The days of the week when the event meets. (M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=Saturday, U=Sunday)
- **Duration** - The duration of the event, in minutes
- **Occurrences** - The number of occurrences (within the date range of the selected filter)
- **Meeting Hours** - The total duration (in hours) of all occurrences
- **Usage Hours** - The total of the meeting hours plus the passing time
- **Contact Hours** - Meeting hours multiplied by enrollment
- **Location** - The name of the assigned location, if any
- **Capacity** - The location capacity

- **Building** - The name of building the assigned location belongs to, if any
- **Partition Match*** - A numerical value will be assigned to indicate how well the event's location matches the sponsor organization's partition preferences
    - *See the Partition Matching legend at the bottom of this article for more information.*
- **Feature Match** - How well the event's location matches the  event's location feature preferences
- **Seat Utilization** - The event's enrollment divided by the capacity of the assigned location
- **Compliant** - Whether or not the event's meeting pattern matches the selected  Standard Schedule

## *Partition Matching

Partition Match columns list one of the following numerical values, which indicates how well the event's location matches the sponsor organization's partition preferences:

- 1* – Matches the individual section's partition preference

- 1 – Matches one of the organization's first tier preferences

- 2 – Matches one of the organization's second tier preferences

- 3 – Matches one of the organization's third tier preferences

- 4 – Matches one of the organization's fourth tier preferences

- 0 – Could be attributed to any of the following...

    - All existing partitions (event, organization) do not match

    - Partitions do not exist on both the event and organization designated

    - Partitions do not exist on the event and it has no organization designated