Viewing Locations Tables in X25 Analytics

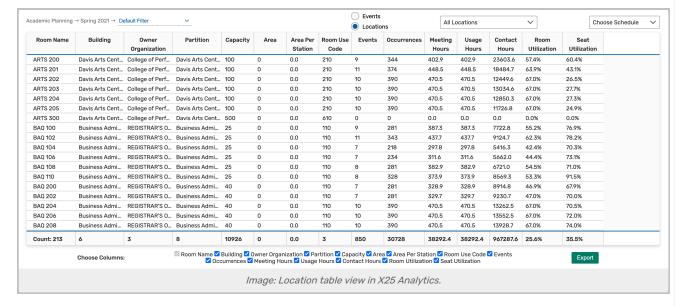The snapshot breadcrumbs at the top of the page have two drop-down menus which allow you to refine the content displayed on the page.

- **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.

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.

The columns available when viewing location data change based on the selected grouping option.

Academic Planning → Spring 2021 → Default Filter | ○ Events ● Locations | All Locations | Choose Schedule

Room Name	Building	Owner Organization	Partition	Capacity	Area	Area Per Station	Room Use Code	Events	Occurrences	Meeting Hours	Usage Hours	Contact Hours	Room Utilization	Seat Utilization
ARTS 200	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	100	0	0.0	210	9	344	402.9	402.9	23603.6	57.4%	60.4%
ARTS 201	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	100	0	0.0	210	11	374	448.5	448.5	18484.7	63.9%	43.1%
ARTS 202	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	100	0	0.0	210	10	390	470.5	470.5	12449.6	67.0%	26.5%
ARTS 203	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	100	0	0.0	210	10	390	470.5	470.5	13034.6	67.0%	27.7%
ARTS 204	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	100	0	0.0	210	10	390	470.5	470.5	12850.3	67.0%	27.3%
ARTS 205	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	100	0	0.0	210	10	390	470.5	470.5	11726.8	67.0%	24.9%
ARTS 300	Davis Arts Cent...	College of Perf...	Davis Arts Cent...	500	0	0.0	610	0	0	0.0	0.0	0.0	0.0%	0.0%
BAQ 100	Business Admi...	REGISTRAR'S O...	Business Admi...	25	0	0.0	110	9	281	387.3	387.3	7722.8	55.2%	76.9%
BAQ 102	Business Admi...	REGISTRAR'S O...	Business Admi...	25	0	0.0	110	11	343	437.7	437.7	9124.7	62.3%	78.2%
BAQ 104	Business Admi...	REGISTRAR'S O...	Business Admi...	25	0	0.0	110	7	218	297.8	297.8	5416.3	42.4%	70.3%
BAQ 106	Business Admi...	REGISTRAR'S O...	Business Admi...	25	0	0.0	110	7	234	311.6	311.6	5662.0	44.4%	73.1%
BAQ 108	Business Admi...	REGISTRAR'S O...	Business Admi...	25	0	0.0	110	8	281	382.9	382.9	6721.0	54.5%	71.0%
BAQ 110	Business Admi...	REGISTRAR'S O...	Business Admi...	25	0	0.0	110	8	328	373.9	373.9	8569.3	53.3%	91.5%
BAQ 200	Business Admi...	REGISTRAR'S O...	Business Admi...	40	0	0.0	110	7	281	328.9	328.9	8914.8	46.9%	67.9%
BAQ 202	Business Admi...	REGISTRAR'S O...	Business Admi...	40	0	0.0	110	7	281	329.7	329.7	9230.7	47.0%	70.0%
BAQ 204	Business Admi...	REGISTRAR'S O...	Business Admi...	40	0	0.0	110	10	390	470.5	470.5	13262.5	67.0%	70.5%
BAQ 206	Business Admi...	REGISTRAR'S O...	Business Admi...	40	0	0.0	110	10	390	470.5	470.5	13552.5	67.0%	72.0%
BAQ 208	Business Admi...	REGISTRAR'S O...	Business Admi...	40	0	0.0	110	10	390	470.5	470.5	13928.7	67.0%	74.0%
Count: 213	**6**	**3**	**8**	**10926**	**0**	**0.0**	**3**	**850**	**30728**	**38292.4**	**38292.4**	**967287.6**	**25.6%**	**35.5%**

Choose Columns: ☐ Room Name ☑ Building ☑ Owner Organization ☑ Partition ☑ Capacity ☑ Area ☑ Area Per Station ☑ Room Use Code ☑ Events ☑ Occurrences ☑ Meeting Hours ☑ Usage Hours ☑ Contact Hours ☑ Room Utilization ☑ Seat Utilization   Export

Image: Location table view in X25 Analytics.

All Locations

When you choose an option to group locations these columns are shown:

- **Location Name** - The name of the location.
- **Building** - The location's building. This is used in some reports.
- **Owner Organization** - The "owner" of the location (determined by the custom location attribute "X25 Owner Organization" in 25Live).
- **Partition** - The name of the location's partition. This is used for Optimizer placement.
- **Capacity** - The location's maximum capacity. Any alternate layouts on the location are not included.
- **Area** - The net assignable area of a location in square feet

- **Area Per Station** - The assignable area divided by the room capacity
- **Room Use Code** - Your institution's code for the location's "room type" (often matching FICM [Postsecondary Education Facilities Inventory and Classification Manual] standards)
- **Events** - The total number of events assigned to this location.
- **Occurrences** - The total number of occurrences among all those events.
- **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.
- **Room Utilization** - The average amount each location is "in use". Calculated as the number of hours when an event is assigned to a location divided by the total hours in a day (within the start and end times defined by the current filter set options).
- **Seat Utilization** - The average amount each location is "full". Calculated as each event's enrollment divided by the location capacity.
- **Schedule Compliance** - The percentage of classes in compliance with the meeting pattern

Group Details

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

- **Name** - Indicates the selected grouping. Click the name of a group to see more details about its contents.
- **#of Rooms** - The count of locations in the group.
- **Capacity** - The total capacity of each location in the group.
- **Area** - The net assignable area of a location in square feet
- **Area Per Station** - The assignable area divided by the room capacity
- **# of Events** - The count of the events in the group.
- **Occurrences** - The total number of occurrences among all those events.
- **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.
- **Room Utilization** - The average amount each location is "in use". Calculated as the number of hours when an event is assigned to a location divided by the total hours in a day (within the start and end times defined by the current filter set options).
- **Seat Utilization** - The average amount each location is "full". Calculated as each event's enrollment divided by the location capacity.
- **Schedule Compliance** - The percentage of classes in compliance with the meeting pattern