

# Portfolio Visualization Sandbox

Filter and Sort Spaces (by Quantity)

# Results: 4

Sort: 

Descending

Ascending

Filter Time Window

Date Range: 01/01/13 - 12/31/13

Day of Week: 

All

Weekdays

Weekends

Time of Day: 

All

Day: 08-20h

Night: 20-08h

☐ Additional Time Filtering:

Select a Space on the Map



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Filter by Space Metadata

Space Name: 

all

101 - Ludmer Building

102 - Brontman Building

103 - Arts Building

City: 

Baie-D'Urfe

Baltimore

Montreal

Sainte-Anne-De-Bellevu

Tag: 

science

sector:MAC-North of 2t

sector:MAC-South of 2t

sector:NE

Space Type: 

all

Building

Campus

Wing

Use Type: 

all

Accommodation

Education

Space Use: 

all

Administrative

College/University

Dormitory

☐ Additional Space Filtering:

Group Spaces by: Tags

Resource Type: Steam

Quantity: Average Demand

Weather Normalization: HDDs

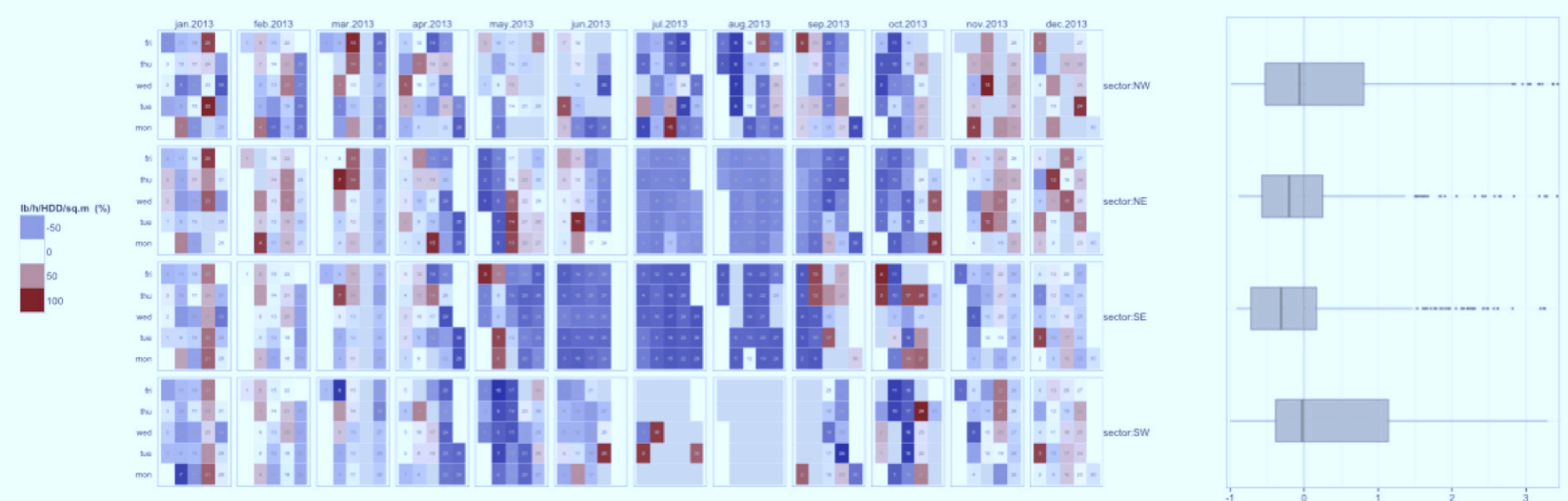
Space Normalization: Area

Displaying 4 of 5 space groups matching query.

Heatmaps

LineUp

Line Plots



Description:

-- 'Quantity' values are displayed as heatmap tiles for each individual or aggregate space (vertical facets) for each calendar date.

-- Differential 'Quantity' values, computed as the absolute or relative (%) difference relative to a baseline (in this case, 2012 values, aligned by week and weekday), are displayed as heatmap tiles for each individual or aggregate space (y axis) for each interval (x axis).

-- Decreases are blue, increases are red, and unchanged is white; relative differences are capped at  $\pm 100\%$ .

-- Omitting outages is useful when space shut-downs or start-ups in either year skew the scale.

-- Grey tiles indicate missing data.

Options:

Select type of heatmap: 

Basic

Calendar

Show Differential?: 

No

Absolute

Relative (%)

Omit Outages?: 

No

Yes

By Matt Brehmer

2013-2014

About:

This is a sandbox environment for creating visualization sketches relating to the energy use of a portfolio of buildings over a 2 year period. 2012 data serves as a 'baseline' for 2013; there is no baseline for 2012.

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