

# Department of Health

**Biospatial – Data Explorer Widget  
Version 2.0**



# Biospatial – Data Explorer Widget

## Data Explorer Widget

The Data explorer widget is consistent with the power of the Biospatial Platform. This guide can only demonstrate the possibilities, to sky is the limit for the user. This guide will show high level explanation of the tool and provide some popular examples. The data explorer graphs can be download as a graph or data exported as CSV file.

The data explorer provides a graphical view (user selects graph) of a “Measure” and either a single data dimension or a single dimension group by a second dimension. The combination of choices are exponential. The Data Explorer is found on many dashboards, and some dashboards have two Data Explorer Widgets for further comparison.

**Recommendation:** When starting with Data Explorer, use the measure “Count” and one dimension for a few reports before you add a grouping.

**Caution:** Always remember the widgets, including Data Explorer are using the data selected from the Filter/Search Toolbar (Left). (Always know what filters are applied on the filter toolbar when using Data Explorer. It may best to just select Agency, Time frame and no other filters for your comfort level)

# Biospatial – Data Explorer Widget

## Data Explorer Widget

Filter/Search Tab (Left)

**Set Agency:**

**Set Date Range:** *YTD*

**Syndrome:** *Cardiac Arrest*

Start with “Edit Widget” pencil icon, top right.

**Source:** Event Records

**Chart Type:** User selected. Based on certain data selections, some charts are not selectable because the view is not recommended for chart type. Vertical bar is easily used.

**Measure:** Count (just for learning purposes)

**Dimension:** Cardiac Arrest Etiology (User Choice)

**Group by:** Select “None”

**Apply & Close**

Not Reported: 2,818

Source: Event Records

Chart Type: Vertical Bar

Measure: Count

View as Percent

Dimension: Cardiac Arrest Etiology

Show: 20

Group By: None

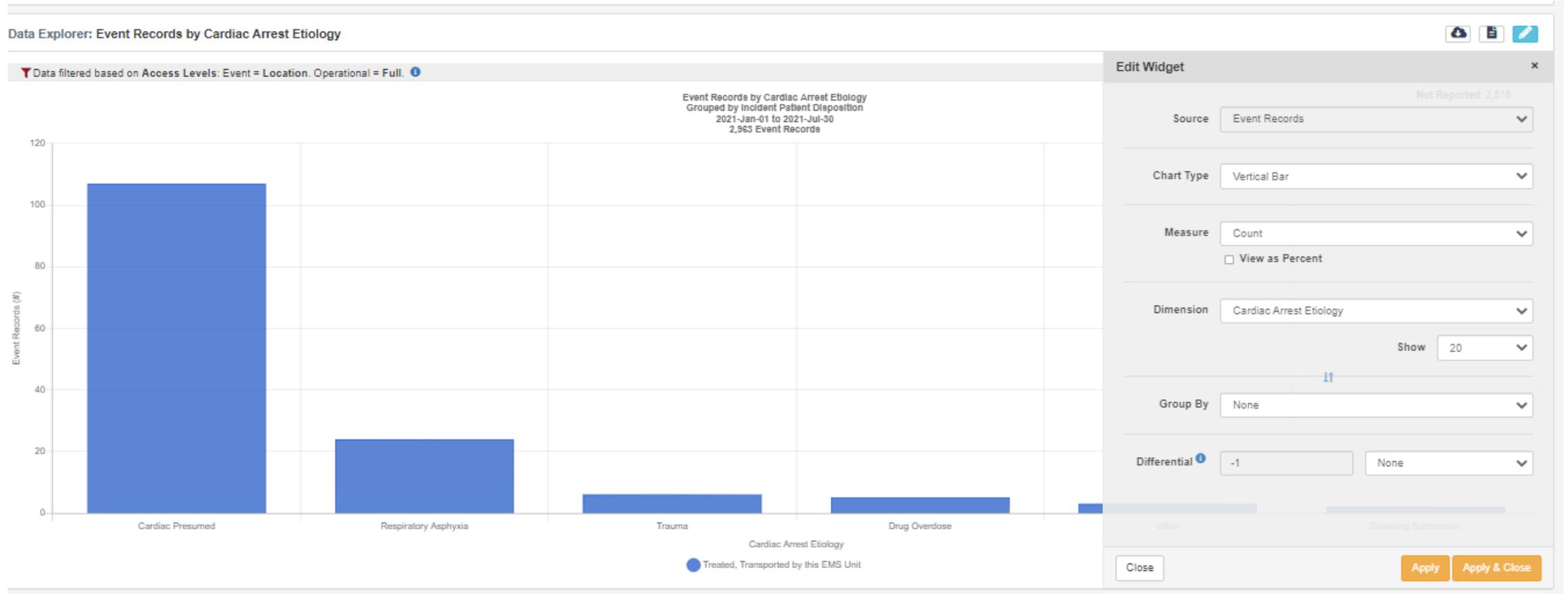
Differential: -1

None

Close Apply Apply & Close

# Biospatial – Data Explorer

## Example – Cardiac Arrest Etiology



# Biospatial – Data Explorer

Hospital Pt. offload time counts over a user define threshold. The below will produce a view of hospital incident *Pt Offload* counts that equal or great then user defined threshold. (This example uses =>45 Minutes).

## Search Tab (Left)

Set Agency:

Set Date Range: *Last 14 Days*

Service Category: *911 Response*

EMS Response Times: *Patient Off Load: Set Greater to Equal 45 Minutes (user defined threshold)*

## In Data Explorer, Edit Widget

Chart Type: *User defined, recommend Vertical Bar*

Measure: *Count*

Dimension: *Destination Facility*

Group: *None*

# Biospatial – Data Explorer

service category **911 Response (Scene)**

- Patient Demographics
- Response/Scene/Situation/Injury
- Vitals
- EMS Response Times
  - Turnout (Unit Notified to En Route) **None** min
  - Unit En Route to Scene **None** min
  - Symptom to Patient Time **None** min
  - Time on Scene **None** min
  - Scene to Destination **None** min
  - Patient Offload Time **Greater Than or Equal to 45** min
  - Call to Destination **None** min
- Dispatch/Disposition

Data Explorer: Event Records by Destination Facility

Data filtered based on Access Levels: Event = Location, Operational = Full

Event Records by Destination Facility  
2021-Jul-26 to 2021-Aug-09  
4,855 Event Records

Destination Facility	Event Records (#)
Tampa General Hospital (FL)	190
St Josephs Hospital (FL)	168
Leesburg Regional Medical Center (FL)	152
AdventHealth Tampa (FL)	135
Gulf Coast Medical Center Lee Memorial Health System (FL)	122
Putnam Community Medical Center (FL)	120
The Villages Regional Hospital (FL)	112
Lakeland Regional Health Medical Center (FL)	110
Oak Hill Hospital (FL)	110
Largo Medical Center (FL)	98
AdventHealth Ocala (FL)	98
Northside Hospital (FL)	90
St Josephs Hospital - North (FL)	88
Brandon Regional Hospital (FL)	88
Cape Coral Hospital (FL)	88
Manatee Memorial Hospital (FL)	85

Destination Facility

Edit Widget

[Not Shown] 2,630

Source: Event Records

Chart Type: Vertical Bar

Measure: Count

View as Percent

Dimension: Destination Facility

Show: 20

Group By: None

Differential: -1

None

Close Apply Apply & Close

# Biospatial – Data Explorer

This example will provide Primary Impression counts.

## **Search Tab (Left)**

Set Agency:

Set Date Range: *YTD*

Service Category: *911 Response*

Syndromes: *Blank (All)*

## **In Data Explorer, Edit Widget**

Chart Type: User defined, recommend *Vertical Bar*

Measure: *Counts*

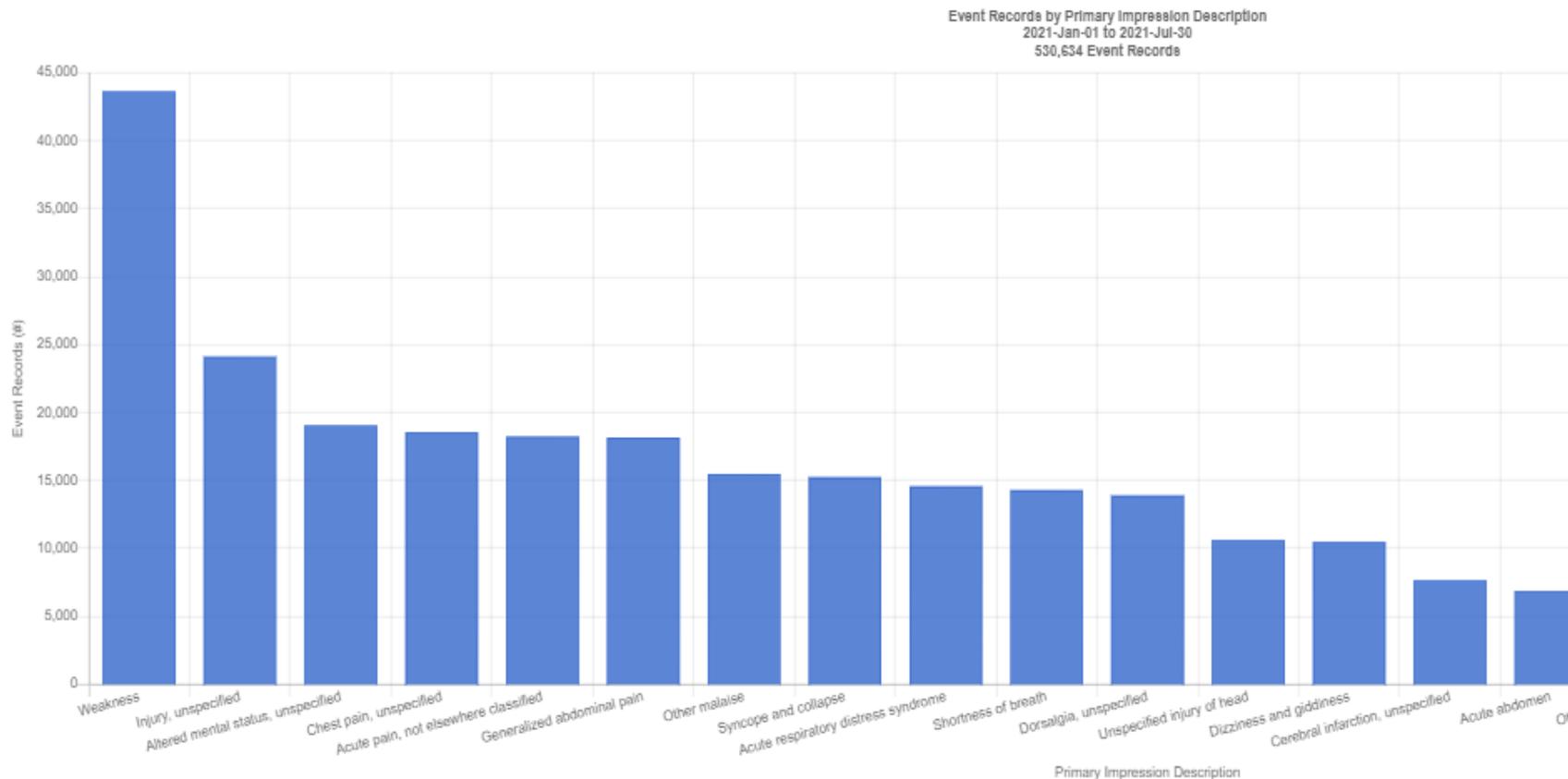
Dimension: *Primary Impression*

Group: None

# Biospatial – Data Explorer

Data Explorer: Event Records by Primary Impression Description

Data filtered based on Access Levels: Event = Location.



Edit Widget

[Not Shown]: 243,879

Source Event Records

Chart Type Vertical Bar

Measure Count

View as Percent

Dimension Primary Impression Description

Show 20

Group By None

Differential -1

Close

Apply

Apply & Close

# Biospatial – Data Explorer

Example (Advanced): Cause of Injury, by Medication history

## Search Tab (Left)

Set Agency:

Set Date Range: *YTD*

Service Category: *911 Response*

Syndromes: *Blank (All)*

## In Data Explorer, Edit Widget

Chart Type: User defined, recommend *Vertical Bar*

Measure: *Counts*

Dimension: *Cause of Injury Description*

Group By: *Current Medication (ingredients)*

Check “Stacked”

Apply and Close

Edit Widget

Not Reported: 1,088,118

Source: Event Records

Chart Type: Vertical Bar

Measure: Count

View as Percent

Dimension: Cause of Injury Description

Show: 20

↑↓

Group By: Current Medications (Ingredients)

Apply Search Filter ⓘ  Stack

Show: 20

Differential ⓘ: -1

None

# Biospatial – Data Explorer

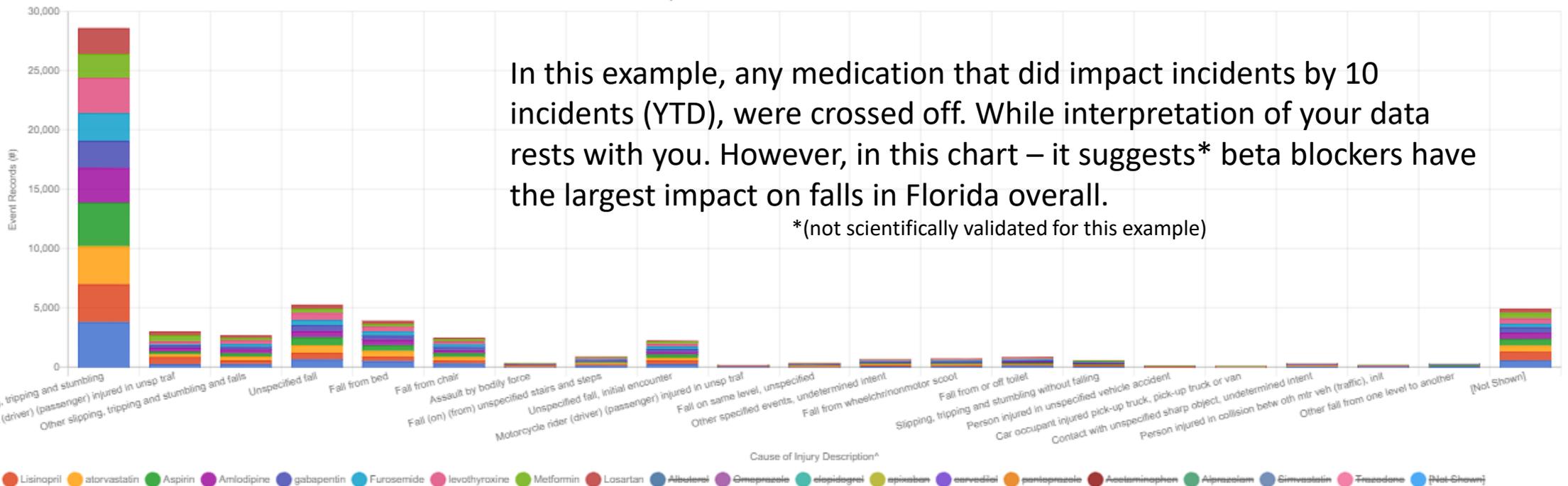
Data Explorer: Event Records by Cause of Injury Description^



Data filtered based on Access Levels: Event = Location. ⓘ

Event Records by Cause of Injury Description^  
 Grouped by Current Medications (Ingredients)^  
 2021-Jan-01 to 2021-Jul-30  
 530,634 Event Records

Not Reported: 1,086,118



^ multi-valued field counts may not match record counts

Show All | Show None