

Department of Health

**Biospatial –
Health Information Exchange (HIE)**



Biospatial – HIE

Biospatial HIE Introduction

- How to determine percentage of HIE Records
 - Data Explorer
- How to view an HIE record
 - Records Table
- Advanced – EMS Performance Measures (HIE)



Biospatial – Percent of Records

Advanced Search Tab

- Set Agency
- Set Date Range (YTD)
- Service Category: 911 Response
- Set Incident disposition: Transported (select all)

Data Explorer Widget

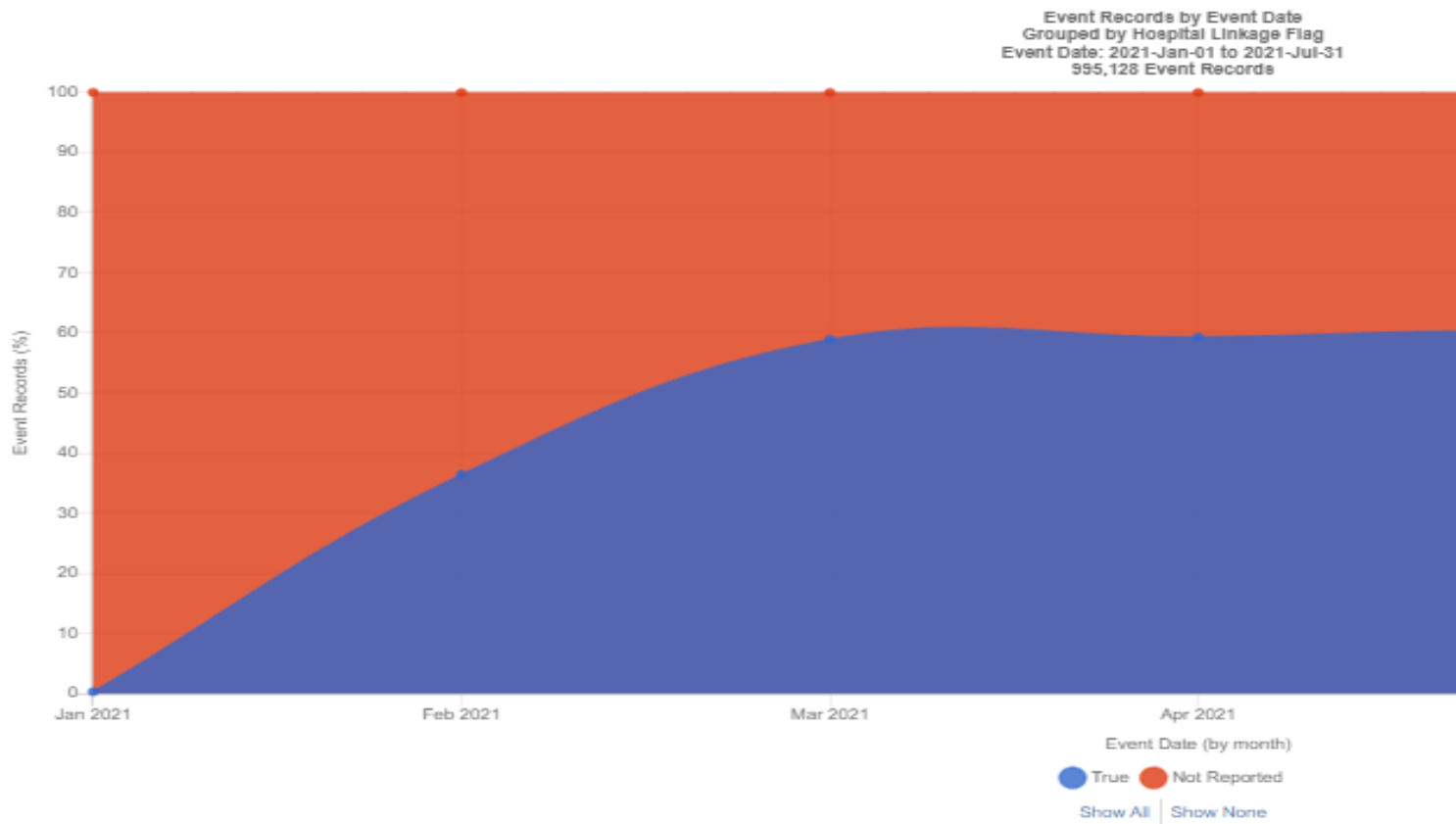
- Chart Type: Line
- Measure: Count (Check “View as Percent”)
- Dimension: Event Date
- Group By: Hospital Linkage (optional to stack)



Biospatial – Percent of Records

Data Explorer: Event Records by Event Date

Data filtered based on Access Levels: Event = Location.



Edit Widget

Source Event Records

Chart Type Line

Measure Count

View as Percent

Dimension Event Date

Group By Hospital Linkage Flag

Stack

Show 40

Differential -1

None

Close

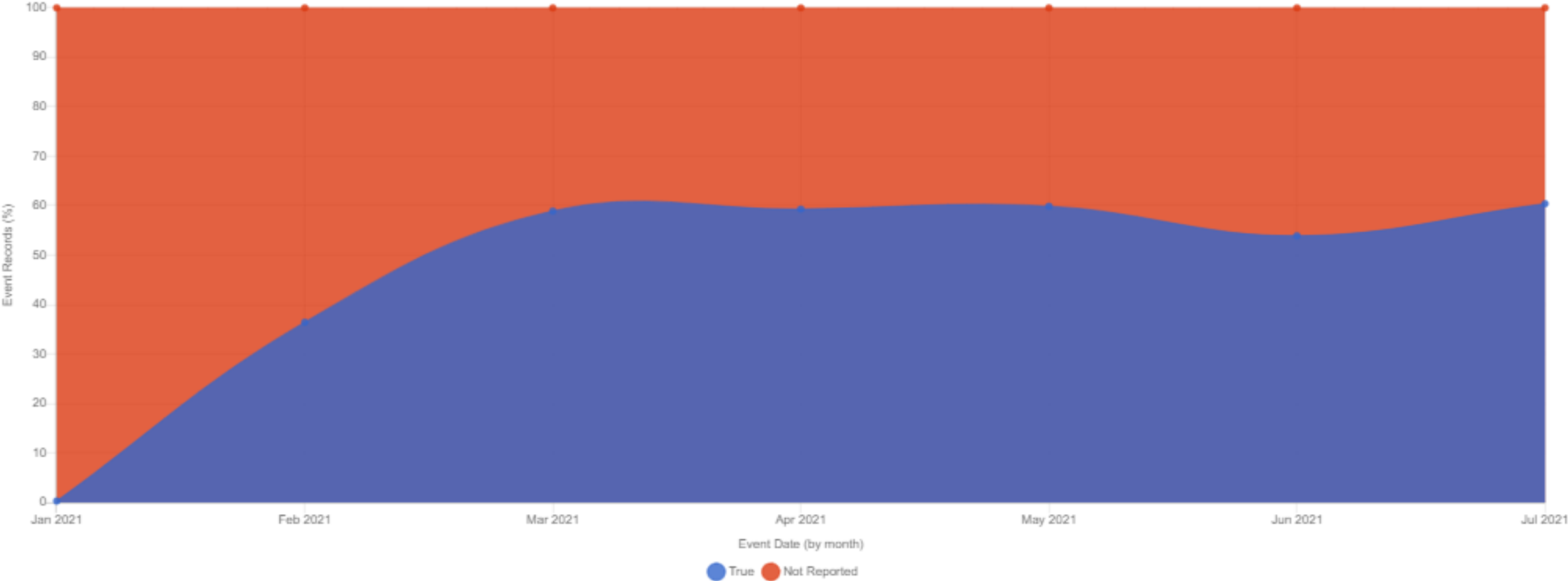
Apply

Apply & Close

Biospatial – Percent of Records

(All agencies)

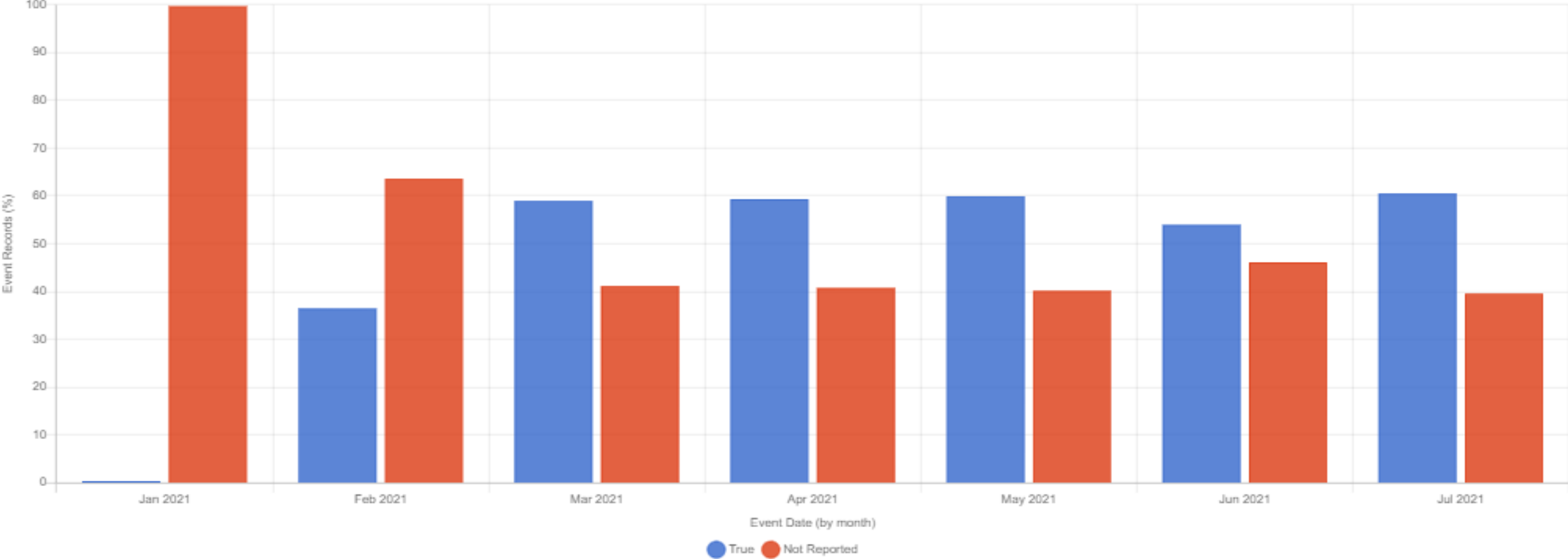
Event Records by Event Date
Grouped by Hospital Linkage Flag
Event Date: 2021-Jan-01 to 2021-Jul-31
995,075 Event Records



Biospatial – Percent of Records

(All agencies)

Event Records by Event Date
Grouped by Hospital Linkage Flag
Event Date: 2021-Jan-01 to 2021-Jul-31
995,128 Event Records



Biospatial – View HIE Records

Advanced Search Tab

- Set Agency:
- Set Date Range:
- Service Category: *911 Response*
- Set Incident disposition: *Transported (select all)*
- Set Outcome Information: *True (Short Cut)*

Records Table (Load Records)

- Set Column features: *Hospital Diagnosis Codes, Hospital Linkage, Hospital Outcomes*

Biospatial – View HIE Records

Records Table

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

2021-May-01 to 2021-Jul-31
 ⏪ ⏩ 218,297 Total Records ⏪ ⏩
 1 – 500

Show 25 entries

🔍 Search:

Event Date (UTC) ⌵ ⌶	Incident Number ⌵ ⌶	Syndromes ⌵ ⌶	Destination Facility ⌵ ⌶	Hospital Diagnosis Codes ⌵ ⌶	Hospital Linkage Flag ⌵ ⌶	
2021-05-01 04:13:59	FR-00053132-2021-05-01	Constitutional Influenza-like Illness	Wolfson Childrens Hospital (FL)		True	Final Patient Acuity
2021-05-01 05:29:34	210039385		Winter Haven Hospital (FL)		True	First Cardiac Arrest Rhythm
2021-05-01 06:18:34	210039393		Winter Haven Hospital (FL)	E11.9 I10 K59.00 M19.90 Z79.4	True	First on Scene
2021-05-01 09:03:35	210039420	Overdose (ESOOS RI) Overdose (ESOOS FL) Cardiac Arrest	Winter Haven Hospital (FL)	I46.9	True	Gender
2021-05-01 04:06:05	21-2003049	Opioid	Westside Regional Medical Center (FL)	F17.200 N13.2	True	Hospital Diagnosis Codes
2021-05-01 04:10:49	21-2003050		Westside Regional Medical Center (FL)	N83.201 R11.2	True	Hospital Capability
2021-05-01 05:15:00	DV210004566	Mental Health	Westside Regional Medical Center (FL)	R41.82	True	Hospital Linkage Flag
2021-05-01 08:16:00	2521004830		Westside Regional Medical Center (FL)	U07.1	True	Hospital Outcome
2021-05-01 08:42:00	DV210004569	Respiratory Cardiac Arrest Intimate Partner Violence	Westside Regional Medical Center (FL)	I46.9 J96.00	True	Incident City
						Incident Facility
						Home Under Self Care
						Home Under Self Care
						Expired

Biospatial – View HIE Records

Records Table

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 1 – 500

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Search:

Event Date (UTC)	Incident Number	Syndromes	Destination Facility	Hospital Diagnosis Codes	Hospital Linkage Flag	Hospital Outcome
2021-05-01 04:13:59	FR-00053132-2021-05-01	Constitutional Influenza-like Illness	Wolfson Childrens Hospital (FL)		True	Home Under Self Care
2021-05-01 05:29:34	210039385		Winter Haven Hospital (FL)		True	
2021-05-01 06:18:34	210039393		Winter Haven Hospital (FL)	E11.9 I10 K59.00 M19.90 Z79.4	True	
2021-05-01 09:03:35	210039420	Overdose (ESOOS RI) Overdose (ESOOS FL) Cardiac Arrest	Winter Haven Hospital (FL)	I46.9	True	Expired
2021-05-01 04:06:05	21-2003049	Opioid	Westside Regional Medical Center (FL)	F17.200 N13.2	True	Home Under Self Care
2021-05-01 04:10:49	21-2003050		Westside Regional Medical Center (FL)	N83.201 R11.2	True	Home Under Self Care
2021-05-01 05:15:00	DV210004566	Mental Health	Westside Regional Medical Center (FL)	R41.82	True	Home Under Self Care
2021-05-01 08:16:00	2521004830		Westside Regional Medical Center (FL)	U07.1	True	Home Under Self Care
2021-05-01 08:42:00	DV210004569	Respiratory Cardiac Arrest Intimate Partner Violence	Westside Regional Medical Center (FL)	I46.9 J96.00	True	Expired
2021-05-01 09:14:24	21-2003052		Westside Regional Medical Center (FL)	A41.9	True	Expired

Biospatial – View HIE Records

Records Table

Data filtered based on Access Levels: Event = Full. Operational = Full.

2021-May-01 to 2021-Jul-31

1,614 Total Records

1 – 500

Show 25 entries

Search:

Event Date (UTC)	Incident Number	Syndromes	Destination Facility	Hospital Diagnosis Codes	Hospital Linkage Flag	Hospital Outcome
2021-05-01 09:03:35	210039420	Overdose (ESOOS RI) Overdose (ESOOS FL) Cardiac Arrest	Winter Haven Hospital (FL)	I46.9	True	Expired
2021-05-03 12:44:11	210040092	Cardiac Arrest Overdose (ESOOS RI) Opioid (ESOOS RI) Respiratory	Winter Haven Hospital (FL)	I46.9	True	Expired

Source Record UUID: ef878c1d-ac4e-11eb-b884-f9bc0801a46c

Event Record ID: 60905e4c41846b6bf2394d90

Biospatial – View HIE Records

Linked Hospital Data

Hospital Outcome: Expired


Hospital ICD-10 Code(s): I46.9

Relevant Hospital Record ID(s):

7b19c572-c9f5-11eb-aa40-b5da87256451

19b62648-c9f0-11eb-b03e-b5da87256451

fd35662e-c9ef-11eb-8d99-b5da87256451

 Relevant Hospital Records



Facility: WINTER HAVEN HOSPITAL

Event Date: May 3, 2021 5:29:00 PM

Event Type: Discharge

Admission Details

Admit Type: Emergency

Patient Details

Patient MRN: 2106544598

Patient Encounter UID: 105000793393_5119733020

Patient Class: Emergency

Patient Home ZIP Code: 33881

Patient Age: 51 years

Patient Gender: Female

Situation Details

Patient Complaint: CARDIAC ARREST

Hospital Service: Unknown/Other

Outcome Details

Outcome: Expired

Discharge Time: May 3, 2021 3:12:00 PM

Time of Death: May 3, 2021 3:12:00 PM

Record Information

Data Type: HIE

Patient Care Report Number: 383692833f4092db5cf03a0982a218ed

Last Submission Time: May 3, 2021 5:32:30 PM

Original Submission Time: May 3, 2021 5:32:30 PM

Original Submission Latency (min): 4

Biospatial – HIE Advanced

EMS Performance Tab

- Set Agency
- Set Date Range (YTD)
- Service Category: 911 Response
- Set Incident disposition: Transported (select all)
- Set Linked Hospital Data Available: True

Performance Records Table Widget

- Set Columns to include:
- Measure: Choose Measure

Biospatial – HIE Advanced

Performance Records Table

Data filtered based on Access Levels: Event = Full. Operational = Full.

2021-May-01 to 2021-Jul-31

Non-traumatic Cardiac Arrest ROSC

True

Apply

621 Total Records

1 – 500

Show 25 entries

Search:

Event Date (UTC)	Syndromes	Service Category	Hospital Diagnosis Codes	Hospital Linkage Flag	Hospital
2021-05-01 01:53:14	Cardiac Arrest Nerve Agent Fall: Ground Level COVID-19 Respiratory	911 Response (Scene)		True	
2021-05-01 04:02:00	Fall: Ground Level Cardiac Arrest	911 Response (Scene)	D64.9 E87.1 I46.9 K74.60 R18.8 R40.2430 R57.9	True	E
2021-05-01 05:45:00	Overdose (ESOOS RI) Opioid (ESOOS RI) Opioid (MI) Opioid (VA) Opioid (MT)	911 Response (Scene)		True	

- Event Date (UTC)
- Incident State
- Incident County
- Syndromes
- Chief Complaint
- Primary Impression Description
- Incident Patient Disposition
- Service Category
- Agency
- Data Provider UID

Biospatial – HIE Advanced

Performance Records Table

Data filtered based on Access Levels: Event = Full. Operational = Full.

2021-May-01 to 2021-Jul-31

Non-traumatic Cardiac Arrest ROSC

True

621 Total Records

1 – 500

Show 25 entries

Search

Event Date (UTC)	Syndromes	Service Category	Hospital Diagnosis Codes	Hospital Linkage Flag	Hospital Outcome
2021-05-01 01:53:14	Cardiac Arrest Nerve Agent Fall: Ground Level COVID-19 Respiratory	911 Response (Scene)		True	
2021-05-01 04:02:00	Fall: Ground Level Cardiac Arrest	911 Response (Scene)	D64.9 E87.1 I46.9 K74.60 R18.8 R40.2430 R57.9	True	Expired
2021-05-01 05:45:00	Overdose (ESOOS RI) Opioid (ESOOS RI) Opioid (MI) Opioid (VA) Opioid (MT) Cardiac Arrest	911 Response (Scene)		True	