



Improving the Operational and Financial  
Performance of Emergency Departments

# Thank You

- All of you for participating!
- Jim and Cathi for your incredible support throughout this process
- All the panel members for collaborating with us
- ***We're just getting started*** and are looking forward to continuing our collaboration

# Analytics Portal

- Your access point for all Benchmarking Analytics Content and Services
- A “living”, interactive environment
  - ***Content will be improved and new content will be added based on your feedback***
- Roundtable Analytics ongoing Collaboration
  - Collaborations with you will lead to new “Analytics Stories” and content that will be shared through the Analytics Portal
  - Salary and Gender, Drivers of Length of Stay, and Boarding

# Four Key Areas

1. Benchmark your ED
2. Exploratory Data Analysis
3. Faculty Salary
4. Academic EDs Overview

# Download Content

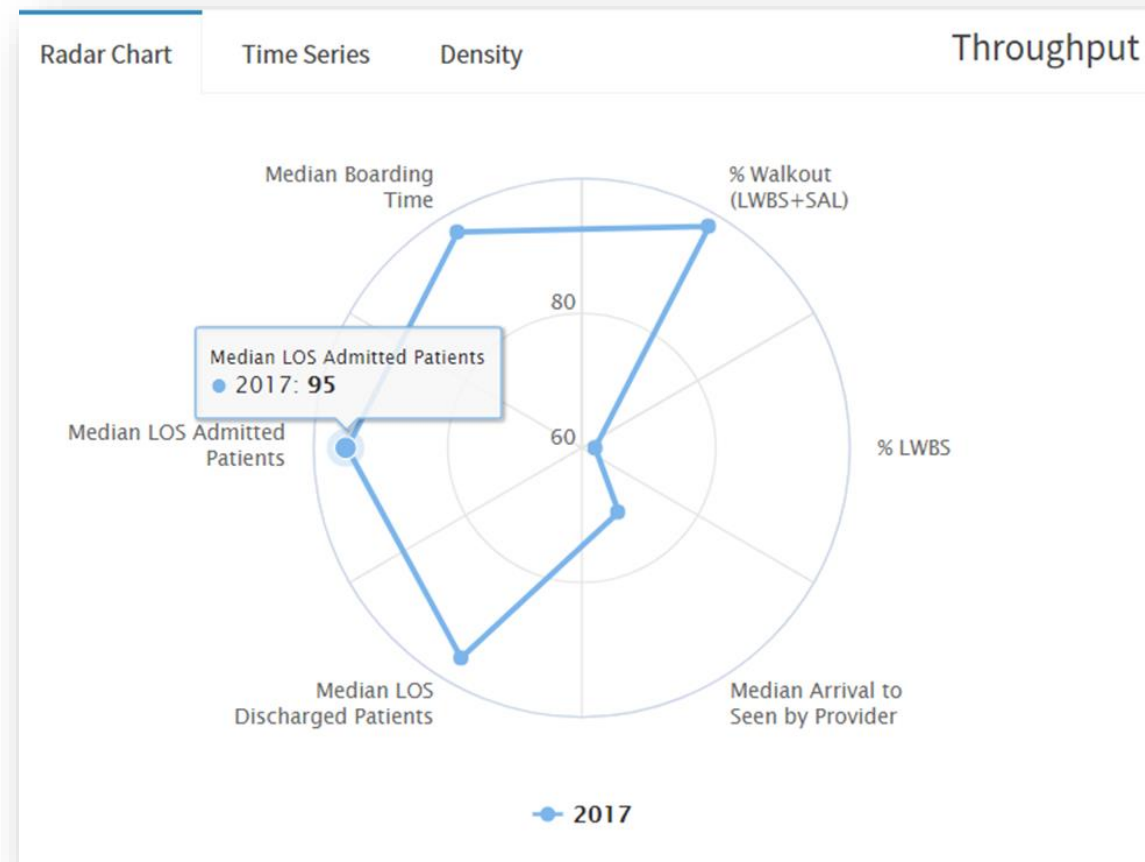
- **Generate Reports**
  - Generate a self contained .HTML file with a summary of your benchmarked performance
- **Save Tables**
  - Throughout the application, you can download data
- **Download Figures**
  - At any time you can export a static version of graphics you are seeing

# Interactive Graphics

- Radar Charts
- Box Plots
- Density Plots
- Bar Charts
- Scatterplots

# Radar Charts

- Quickly see your percentiles for multiple responses in one plot



# Benchmark Your ED

- Peer Groups
  - I want to define who I am being benchmarked against and store the peer group for future sessions.
- Front Page
  - How am I performing relative to my peer for key responses in key areas? How has my performance changed over time?
- Deep Dive
  - Let me see how I'm performing relative to my peers for more variables
- Extreme Performance
  - Show me which metrics my ED is either at the top or bottom of the pack



# Exploratory Data Analysis


- Distributions
  - What is the distribution of LWBS %? How has this changed year over year? How does it vary across region?
- Scatterplots
  - What's the relationship between Median LOS for Discharged Patients and Median Boarding Time?
- Demographics
  - How many EDs have a Separate Pediatric ED? How many have a provider in triage?
- Table Maker
  - Create tables with the mean or median of outcome(s) controlling for variables

# Faculty Salary


- Demographics
  - Explore the number and percent of faculty in different groups
- Salary Distributions
  - Explore the distribution of any outcome controlling for different variables
- Salary Components
  - Explore the components of salary controlling for different variables
- Table Maker
  - Make a table of means and medians controlling for different variables


# Quick Start Instructions


- <https://saem.roundtableanalytics.com/analytics-portal>
- Username: saemdemo    Password: saemdemo


 Benchmark your ED

Create Peer Group

 Exploratory Data Analysis

 Faculty Salary

 Academic EDs Overview

 Contact Us

Site Overview

Select your ED:

### Benchmark your ED

[Create Peer Group](#)
[Exploratory Data Analysis](#)
[Faculty Salary](#)
[Academic EDs Overview](#)
[Contact Us](#)
[Site Overview](#)

Select your ED:

East Carolina University Vidant Medical Center Primary Academic

Select Year:

2017

[Generate report](#)

Peer Group in Effect for all calculations below

Front Page

Deep Dive

Extreme Performance

### ED Environment

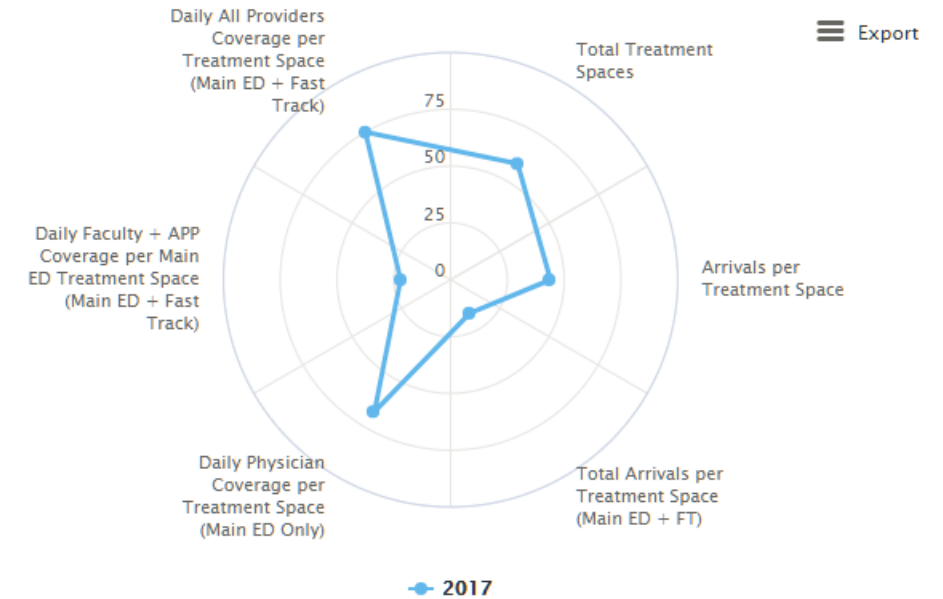
N	Metric	Response	Percentile	Mean	Median
90	Total Treatment Spaces	65	59	61.76	57
86	Arrivals per Treatment Space	1162.65	44	1224.71	1196.1
86	Total Arrivals per Treatment Space (Main ED + FT)	1162.65	17	1420.48	1365.94
85	Daily Physician Coverage per Treatment Space (Main ED Only)	1.78	67	1.59	1.57
85	Daily Faculty + APP Coverage per Main ED Treatment Space (Main ED + Fast Track)	1.78	22	2.32	2.3
85	Daily All Providers Coverage per Treatment Space (Main ED + Fast Track)	4.86	75	3.94	3.89

Radar Chart

Time Series

Density

### ED Environment



### Patient Population

N	Metric	Response	Percentile	Mean	Median
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Radar Chart

Time Series

Density

### Patient Population

# Feature Highlights

- Click the row of a table to create interactive graphics content for the selected outcome
- All text inputs respond to typing – start typing the name of a metric or ED and the list of options will change accordingly
- “Multiple Select” inputs – delete selected choices by selecting them and pressing “Backspace” or “Delete”