Hospital Response to the Influenza Surge (Jan 2018)

JOHN ANTHONY

ST LOUIS COUNTY DEPT. OF PUBLIC HEALTH

MANAGER, EMERGENCY PREPAREDNESS

KAITLIN WALKER

SSM HEALTH ST LOUIS

ADMINISTRATIVE DIRECTOR, ENVIRONMENTAL SAFETY, SECURITY, & EMERGENCY PREPAREDNESS

ESSENCE ILI Surveillance

ILI as Weekly Percent of Total Emergency Department (ED) Visits
St. Louis Hospitals
2017-2018 compared to previous 4 seasons
Percent of Total Visits
*High
CDC Week of Visit
**53
13-14
14-15
15-16
16-17
17-18
*High: Average (mean) weekly ILI percent of visits from previous four seasons plus three (3) standard deviations.
**For previous seasons with a week 53, the week 53 data point for these seasons is an average of week 52 and week 1.

	STL							
	01/16/2018	01/19/2018	01/23/2018	01/26/2018	01/30/2018	02/02/2018	02/06/2018	02/09/2018
Highest Facility Reported Number of Flu In-Patients	125	86	62	45	50	25	30	21
Total Number of Flu In-Patients Reported in Region	498	429	320	247	207	176	204	145
Average Number of Flu In-Patients	17	15	11	9	7	6	6	5

Hospital Status

Hospital increased patient load up to 40% of normal daily census

Emergency Dept. patient wait times increased; some as long as 8 hours

St. Louis Medical Operations Center (SMOC) stood up virtual command at the request of SSM Health; daily calls commenced for 10 days

MO Hospital Association tracked surge data through EMSystem Queries

Facilities instituted a myriad of mitigation strategies

Children not as imminently impacted (possibly due to schools out on winter break, surged following adults)

Improvement Planning

Better understanding how to share staffing, specifically ‘travel nurse’ companies

Ordering of supply ahead of peak

Medical surge planning for non-trauma and non-acute in Emergency Departments

Questions?

Thank you.