Sepsis Overview

Edna Clifton, MBA, BSN, RN
Director Care Coordination

June 4, 2019

Centers for Disease Control and Prevention (CDC)

Each year, at least **1.7** million adults in America develop sepsis.
Nearly **270,000** Americans die as a result of sepsis each year.

1 in 3

One in three patients who die in a hospital have sepsis.

https://www.cdc.gov/sepsis/datareports/
Page last reviewed: August 23, 2016 Content source: Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Division of Healthcare Quality Promotion (DHQP)

The Cost of Sepsis

The cost of treating patients who develop sepsis in the hospital rose by 20% in just three years, with hospitals spending $1.5 billion more last year than in 2015, according to a new analysis

https://www.modernhealthcare.com/safety-quality/sepsis-treatment-costs-shoot-up-15-billion-hospitals-over-three-years?utm_source=modern-healthcare-am-friday&utm_medium=email&utm_campaign=20190322&utm_content=article5-readmore

Cost per Case for Hospital-Associated Sepsis

October 2015

Average cost per case for hospital associated sepsis was

$58,000

September 2018

Average cost per case for hospital associated sepsis rose to

$70,000

https://www.modernhealthcare.com/safety-quality/sepsis-treatment-costs-shoot-up-15-billion-hospitals-over-three-years?utm_source=modern-healthcare-am-friday&utm_medium=email&utm_campaign=20190322&utm_content=article5-readmore

Sepsis Data

Q4 2017–Q3 2018

All Cause and Sepsis Mortality Rates

	Admissions	Number of Inpatient Deaths	Percent of Inpatient Deaths	30-Day Post-Discharge Deaths	Percent of 30-Day Post-Discharge Deaths	Mortality Rate
Statewide All Cause	743,479	17,546	2.36%	51,161	6.88%	9.24%
Statewide Sepsis	50,259	4,321	8.60%	8,232	16.38%	24.98%

The CSAT data file (Part A Claims for FFS beneficiaries) was used for this analysis for Q4 2017-Q3 2018

HSAG HEALTH SERVICES ADVISORY GROUP

Florida All-Cause and Sepsis 30-Day Readmissions and Mortality: Q4 2017–Q3 2018

Discharge Status		All Cause		Sepsis	
		30-Day Readmission Rate	30 Day Mortality*	30-Day Readmission Rate	30 Day Mortality*
Florida	Home	16.2%	1.6%	16.0%	2.7%
	SNF	21.8%	7.9%	**26.2%**	**12.5%**
	HHA	19.5%	3.1%	**23.3%**	4.9%
	Hospice	2.4%	79.6%	1.6%	85.6%
	Other	23.1%	6.8%	23.7%	13.0%

*Note: Mortality rates do not include beneficiaries who died in the hospital.

The CSAT data file (Part A Claims for FFS beneficiaries) was used for this analysis for Q4 2017-Q3 2018

HSAG HEALTH SERVICES ADVISORY GROUP

Top 10 Counties with the Highest Number of Sepsis Total Discharges (D/C) Q4 2017–Q3 2018

State	County	D/C status	All Cause D/C	All cause 30-day Readmits	All Cause 30-day Readmit	All Cause 30-day Mortality	All Cause 30 day Mortality Rate	Sepsis D/C	Sepsis 30-day Readmits	Sepsis 30-day Readmit Rate	Sepsis 30-day Mortality	Sepsis 30-day Mortality Rate
FL	**Miami-Dade**	Total	48,580	11,122	22.9%	3,153	6.5%	3,082	648	21.0%	533	17.3%
FL	**Palm Beach**	Total	50,579	9,098	18.0%	4,067	8.0%	2,888	587	20.3%	654	22.6%
FL	**Broward**	Total	38,906	8,174	21.0%	2,948	7.6%	2,455	480	19.6%	503	20.5%
FL	**Pinellas**	Total	37,254	7,225	19.4%	2,485	6.7%	2,439	500	20.5%	412	16.9%
FL	**Hillsborough**	Total	35,819	7,054	19.7%	2,190	6.1%	2,413	441	18.3%	383	15.9%
FL	**Orange**	Total	28,483	5,748	20.2%	1,872	6.6%	2,077	441	21.2%	354	17.0%
FL	Duval	Total	31,530	6,057	19.2%	2,038	6.5%	1,948	380	19.5%	322	16.5%
FL	**Lee**	Total	26,750	4,490	16.8%	1,852	6.9%	1,598	306	19.1%	284	17.8%
FL	**Volusia**	Total	18,131	2,980	16.4%	1,502	8.3%	1,552	273	17.6%	286	18.4%
FL	**Brevard**	Total	23,797	4,079	17.1%	1,673	7.0%	1,403	273	19.5%	248	17.7%

Bolded counties have community coalitions

The CSAT data file (Part A Claims for FFS beneficiaries) was used for this analysis for Q4 2017-Q3 2018

HSAG HEALTH SERVICES ADVISORY GROUP

Next Steps

Edna Clifton

eclifton@hsag.com

813.865.3579

CMS Disclaimer