

# Defense Health Board Update

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# DOD Adjusted Percentile Rank of Collaborative Hospitals

## All Cases (Period Comparison - Aggregate Collaborative Performance)

### Surgery Date Jul 2017 – Jun 2018

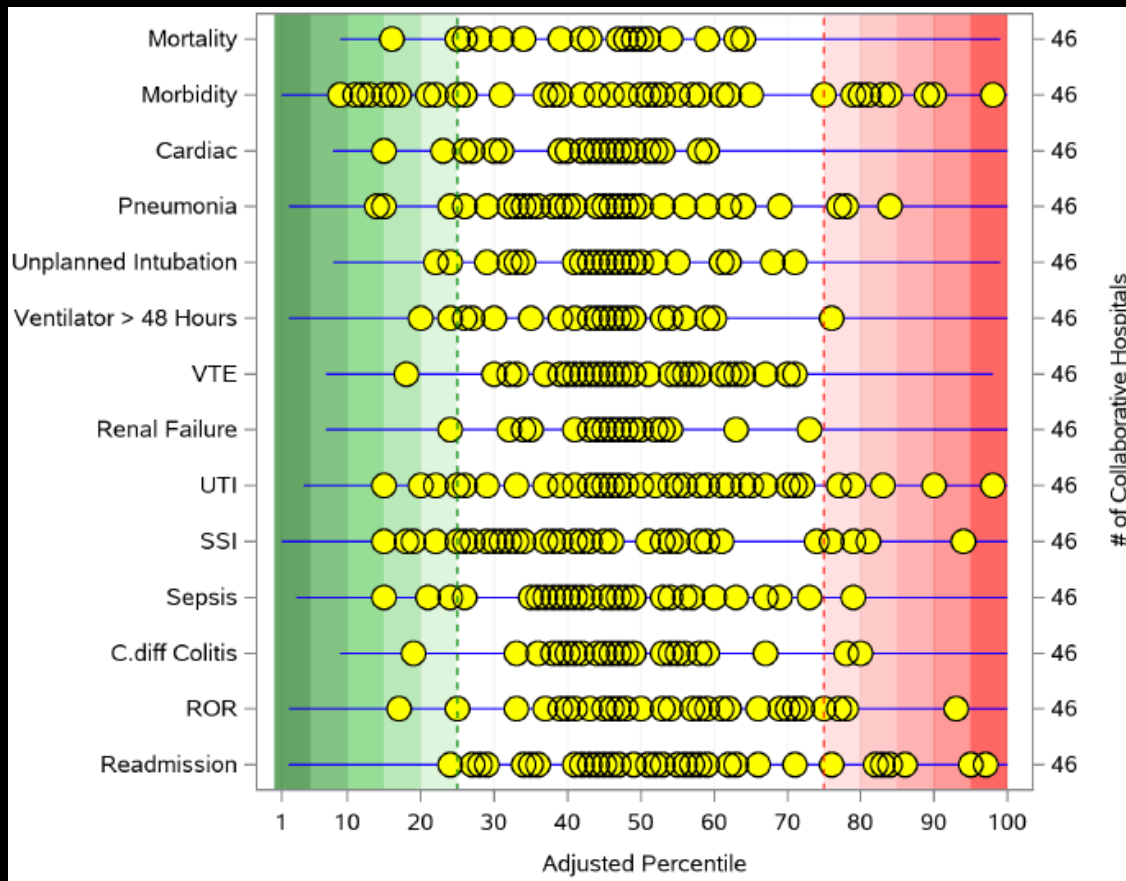
### Surgery Date Jan – Dec 2018

Model Name	Collaborative								NSQIP
	Total Cases	Observed Events	Observed Rate	Adjusted Rate *	95% Lower CL	95% Upper CL	Outlier **	Estimated OR	Population Rate
ALLCASES Mortality	40,683	56	0.14%	0.61%	0.44%	0.80%	Low	0.61	0.99%
ALLCASES Morbidity	40,683	932	2.29%	5.30%	4.96%	5.65%	Low	0.87	6.03%
ALLCASES Cardiac	40,683	36	0.09%	0.33%	0.21%	0.48%	Low	0.52	0.63%
ALLCASES Pneumonia	40,679	81	0.20%	0.64%	0.48%	0.81%	Low	0.66	0.96%
ALLCASES Unplanned Intubation	40,683	45	0.11%	0.43%	0.30%	0.58%	Low	0.60	0.70%
ALLCASES Ventilator > 48 Hours	40,677	45	0.11%	0.47%	0.33%	0.63%	Low	0.64	0.73%
ALLCASES VTE	40,683	133	0.33%	0.69%	0.57%	0.81%		0.85	0.81%
ALLCASES Renal Failure	40,675	37	0.09%	0.32%	0.21%	0.44%	Low	0.68	0.46%
ALLCASES UTI	40,631	257	0.63%	1.13%	1.00%	1.26%		1.07	1.05%
ALLCASES SSI	40,545	431	1.06%	2.17%	1.96%	2.39%	Low	0.86	2.50%
ALLCASES Sepsis	40,630	92	0.23%	0.68%	0.53%	0.85%	Low	0.70	0.97%
ALLCASES C.diff Colitis	40,683	31	0.08%	0.23%	0.14%	0.34%	Low	0.60	0.39%
ALLCASES ROR	40,683	586	1.44%	2.65%	2.45%	2.85%	High	1.13	2.35%
ALLCASES Readmission	40,683	1,049	2.58%	5.25%	4.96%	5.56%		1.05	5.04%

Model Name	Collaborative								NSQIP
	Total Cases	Observed Events	Observed Rate	Adjusted Rate *	95% Lower CL	95% Upper CL	Outlier **	Estimated OR	Population Rate
ALLCASES Mortality	41,093	53	0.13%	0.55%	0.39%	0.74%	Low	0.56	0.98%
ALLCASES Morbidity	41,093	995	2.42%	5.56%	5.23%	5.91%	Low	0.93	5.97%
ALLCASES Cardiac	41,093	35	0.09%	0.31%	0.19%	0.45%	Low	0.49	0.63%
ALLCASES Pneumonia	41,082	72	0.18%	0.55%	0.41%	0.72%	Low	0.59	0.94%
ALLCASES Unplanned Intubation	41,092	45	0.11%	0.41%	0.28%	0.56%	Low	0.60	0.68%
ALLCASES Ventilator > 48 Hours	41,088	36	0.09%	0.37%	0.24%	0.54%	Low	0.53	0.70%
ALLCASES VTE	41,093	122	0.30%	0.63%	0.51%	0.75%	Low	0.78	0.80%
ALLCASES Renal Failure	41,086	37	0.09%	0.31%	0.21%	0.43%	Low	0.67	0.45%
ALLCASES UTI	41,037	273	0.67%	1.19%	1.07%	1.33%	High	1.14	1.05%
ALLCASES SSI	40,952	464	1.13%	2.28%	2.08%	2.50%		0.92	2.48%
ALLCASES Sepsis	41,029	90	0.22%	0.65%	0.51%	0.82%	Low	0.68	0.95%
ALLCASES C.diff Colitis	41,093	32	0.08%	0.23%	0.15%	0.33%	Low	0.64	0.36%
ALLCASES ROR	41,093	612	1.49%	2.72%	2.53%	2.92%	High	1.17	2.34%
ALLCASES Readmission	41,093	1,080	2.63%	5.34%	5.05%	5.64%	High	1.08	4.98%

# DOD Adjusted Percentile Rank of Collaborative Hospitals

## All Cases (Surgery Date: Jan – Dec 2018) – Hospital Performance



# Questions & Discussion