

# Bed Ready to Out

## An Epic Approach to Nursing Handoff

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### Background

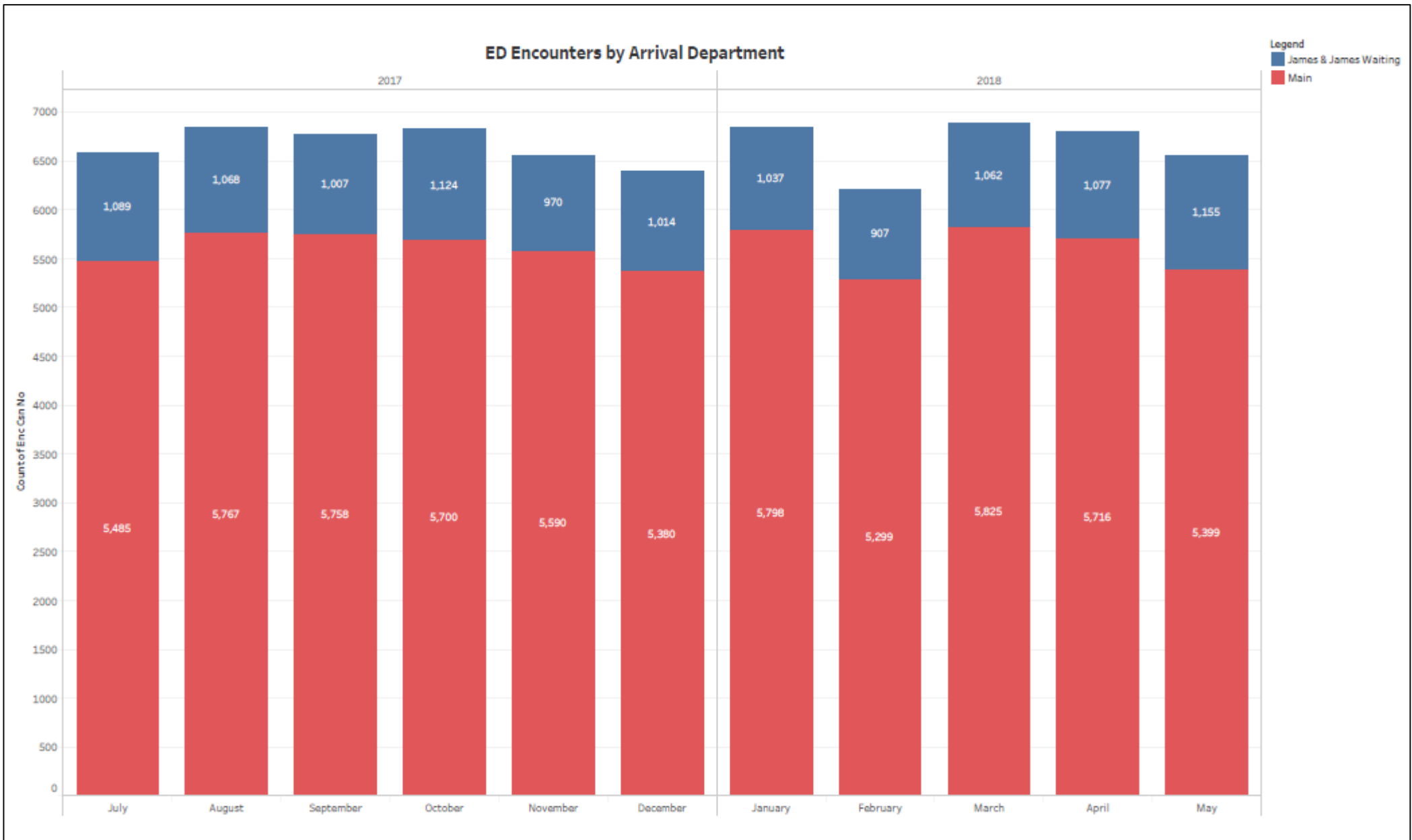
Historically, The Ohio State University Wexner Medical Center Abercrombie and Fitch Emergency Department (ED) patients admitted to the hospital waited for prolonged periods of time before being transfer to the inpatient unit.

The ED Scorecard initiatives, established in July 2016, focused on the median time patients spent in the ED before they were admitted to the hospital.

Bed Ready to Out is a subset of this initiative and focuses on decreasing the occupied timer (the time from a clean ready bed assignment till the patient transfers to the inpatient unit). Baseline data for calendar year 2016 indicated that admitted patients waited approximately 75 minutes from the time a clean bed was assigned, until the patient was transferred to the inpatient unit.

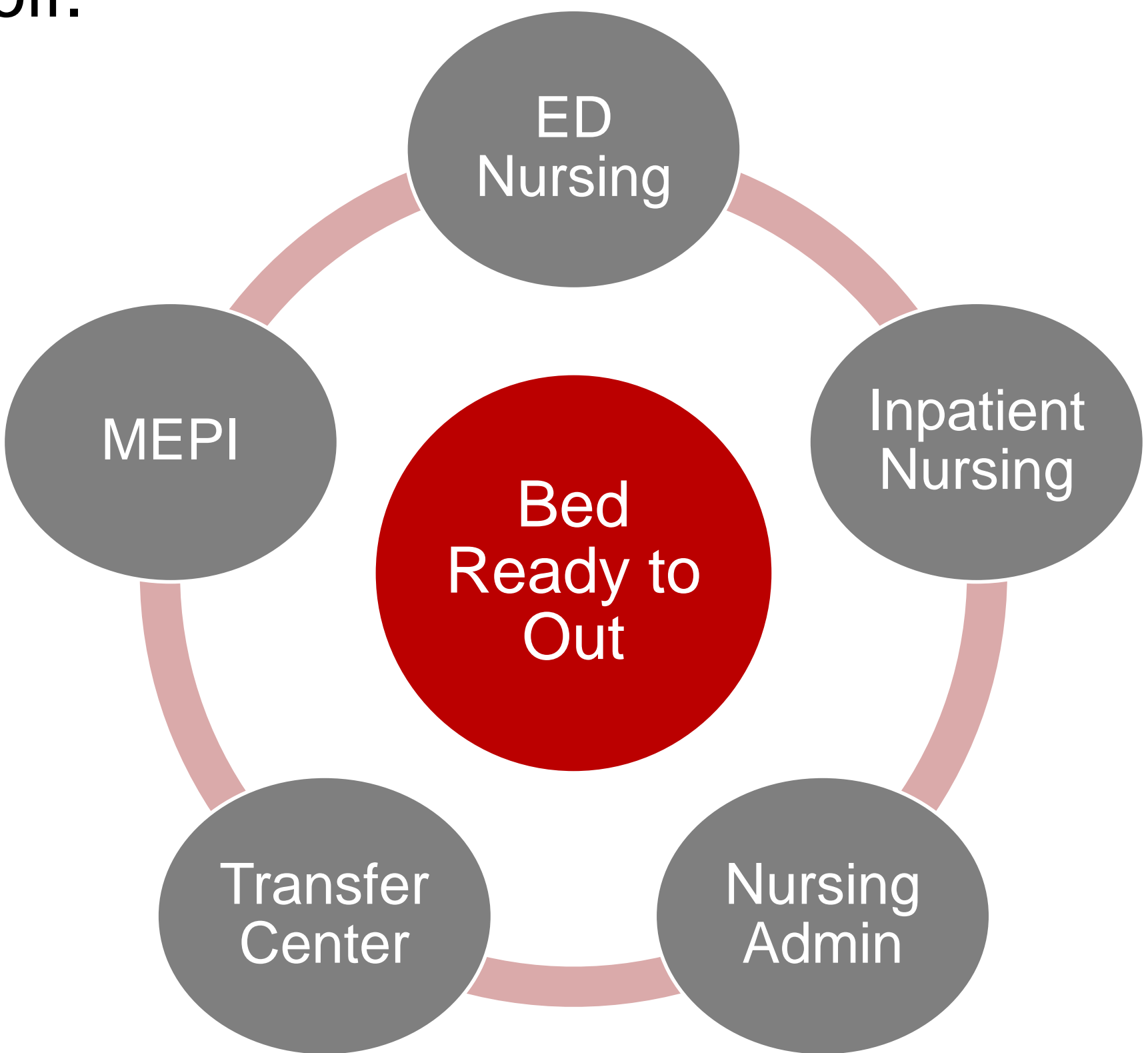
### Setting

The ED has as total of 109 treatment spaces, delineated into specific care areas. These care areas include: trauma, critical care, psychiatric care, oncology, and observation.

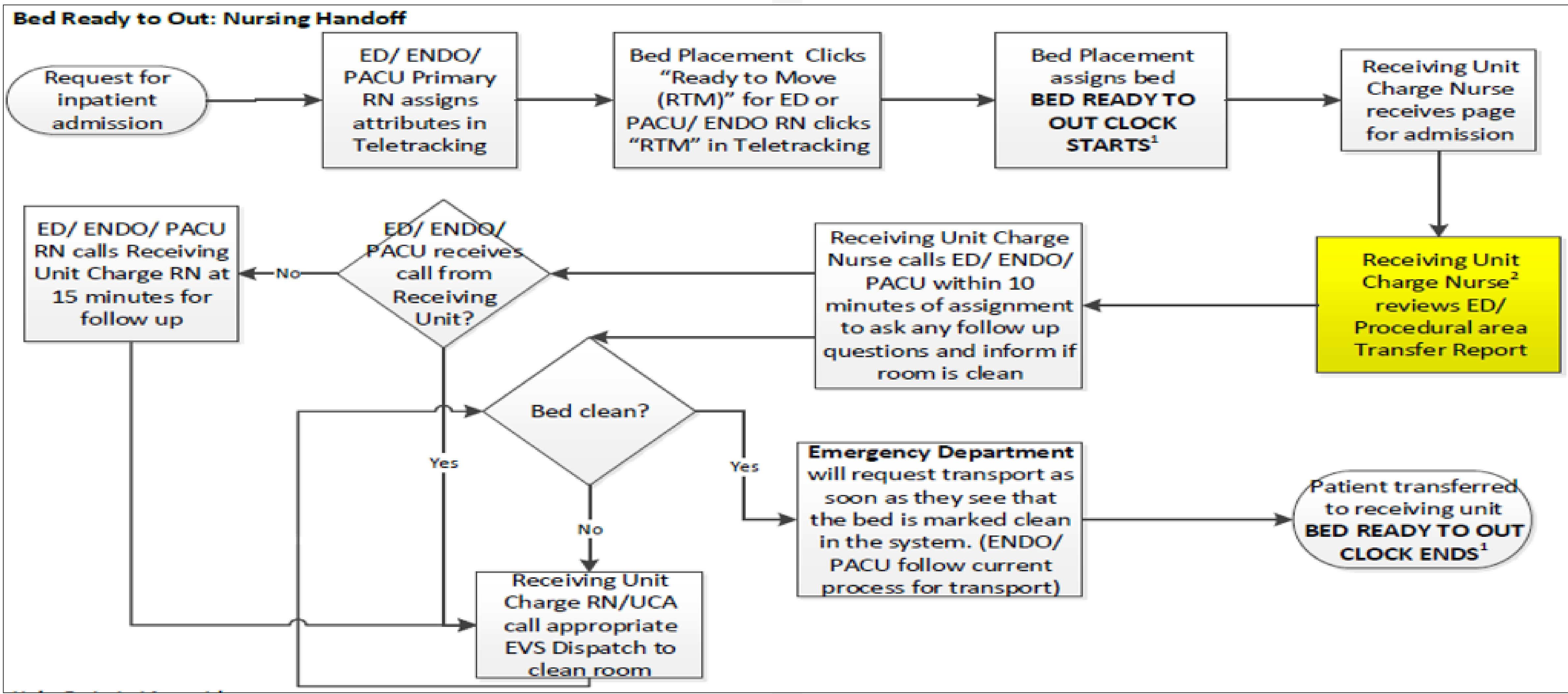


### Methods

Through the use of define, measure, analyze, improve and control (DMAIC) process improvement methodology, a multidepartment team developed a streamline approach to nursing handoff.



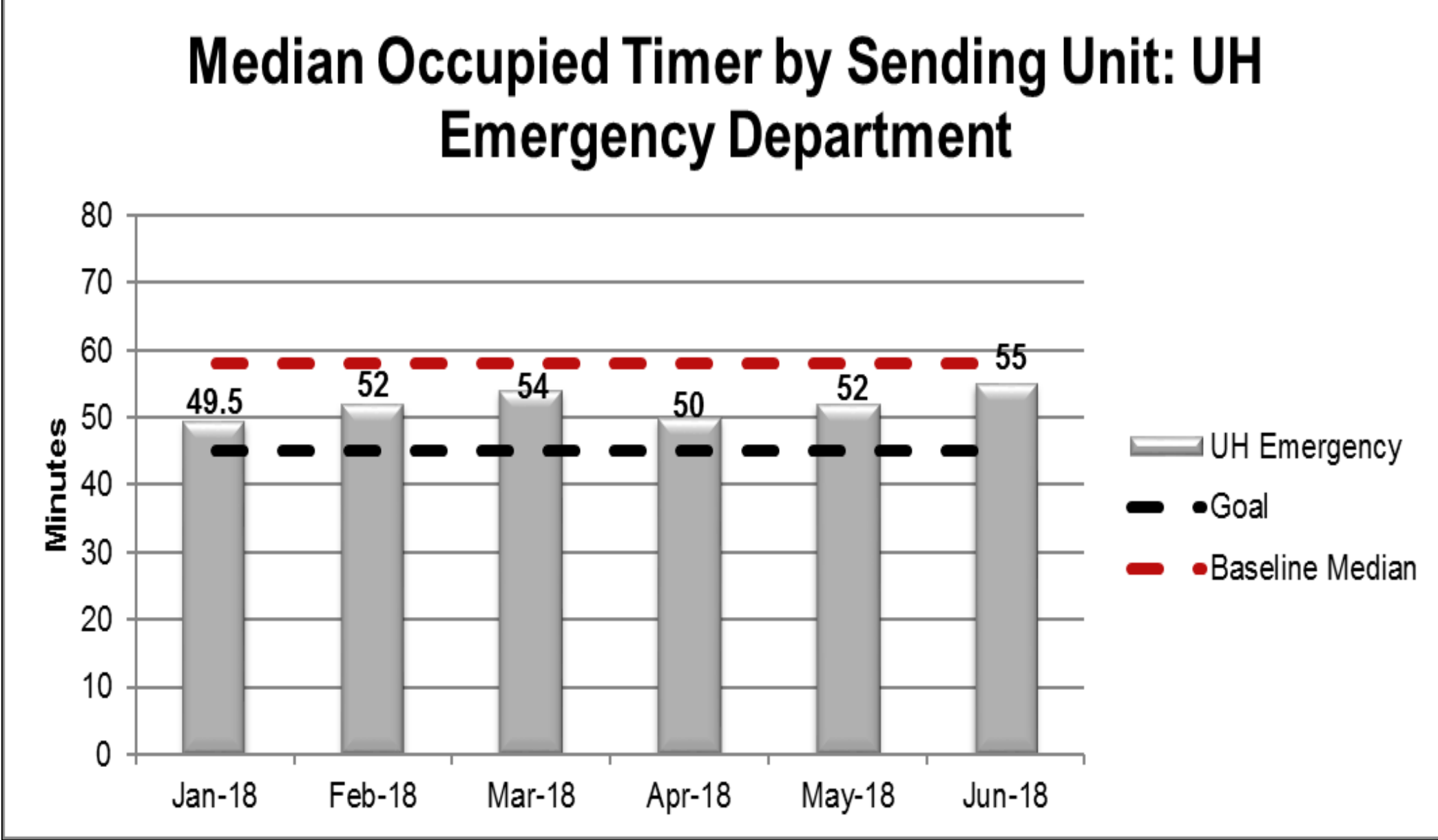
The team focused on eliminating the need for a full verbal report and developing a pull system.



### Results

Overall	FY16 (Baseline)	Go-Live (Jan-17) To Date
Median Occupied Timer	75	51

Through implementation of a standardized process and introduction of an auto-populated electronic transfer report, all nursing units experienced a **32%** reduction in occupied timer.



### Conclusions

Representation from each stakeholder team continues to meet biweekly to review organizational progress and current data.

Data is reduced to the unit level and is disseminated to nursing leadership weekly.

Business Unit	Nursing Unit	Feb - 18	Mar - 18	Apr - 18	May - 18	June - 18
BSH	B10	50	52	52	55.5	46
Ross	H2	50	57	47	43	36
	H5	54	51	53	55.5	53.5
James	J16	43.5	49	48	52.5	41
	J17	49	49	41	48	47
	J18	50	51	52	51	45
	J20	48	49.5	45	47.5	46.5
	J21	56	52	49	52.5	55
UH	K10E	52	51	49	53	56.5
	K8W	47	56	53	56	49.5
	K9E	53.5	57	53	52	55
	R11E	59.5	61	54	57	46
	R7E	43	40	40	41	44.5
	R8 E&W	52	56	51.5	54	56.5
	R9W	53	54	47	46.5	56

Monthly recognition is provided to units that demonstrate the best times within the organization.

Overall, the bed ready to out process has assisted in decreasing the median time patients spend in the ED before they are admitted to the hospital.

