

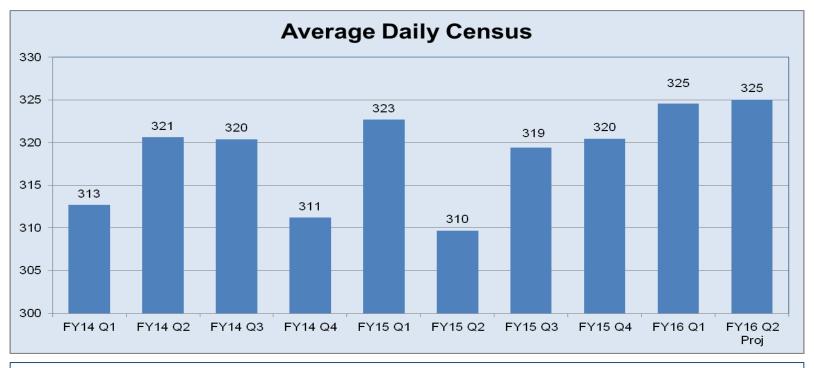
# UNIVERSITY OF ILLINOIS HOSPITAL & HEALTH SCIENCES SYSTEM

Reported to the Board of Trustees January 21, 2016

### HOSPITAL DASHBOARD



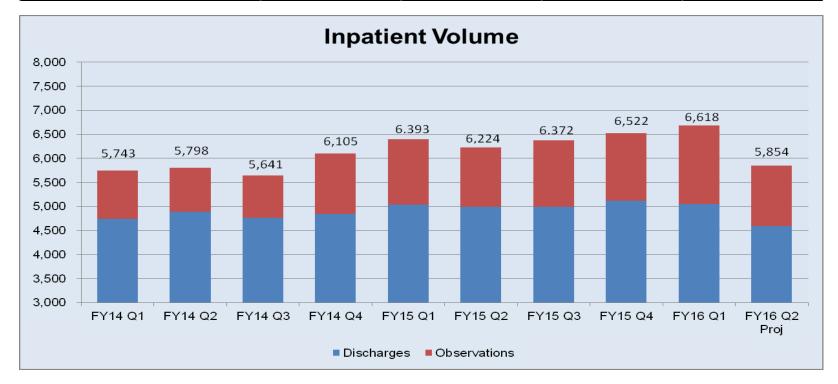
UI Health Metrics	FY16 Q2 Projection on Two Month Actual	FY16 Q2 Target	FY15 Q2 Actual	2nd Quarter % change FY16 vs FY15
Average Daily Census (ADC)	325	317	310	4.8%



ADC in October 2015 was 336 vs. 297 in October 2014. ADC in November 2015 was 314 vs. 310 in November 2014.



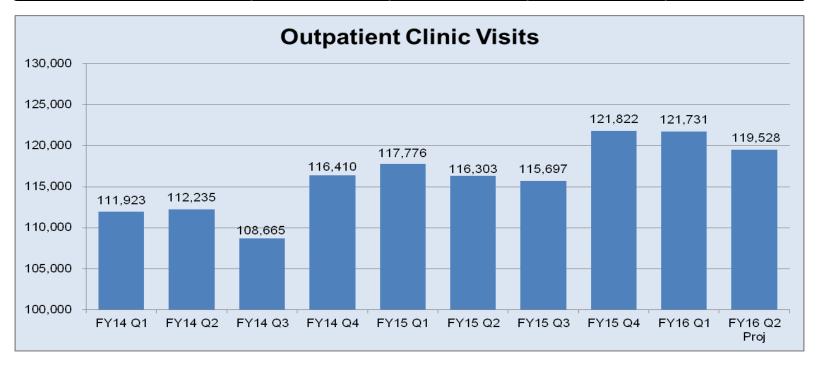
UI Health Metrics	ischarges 4,595		FY15 Q2 Actual	2nd Quarter % change FY16 vs FY15
Discharges	4,595	5,266	4,992	Combined
Observation Cases	1,259	1,389	1,232	-5.9%



Combined Discharges and Observation Cases for YTD November 2015 are 3.3% under budget and 2.0% greater than last year.



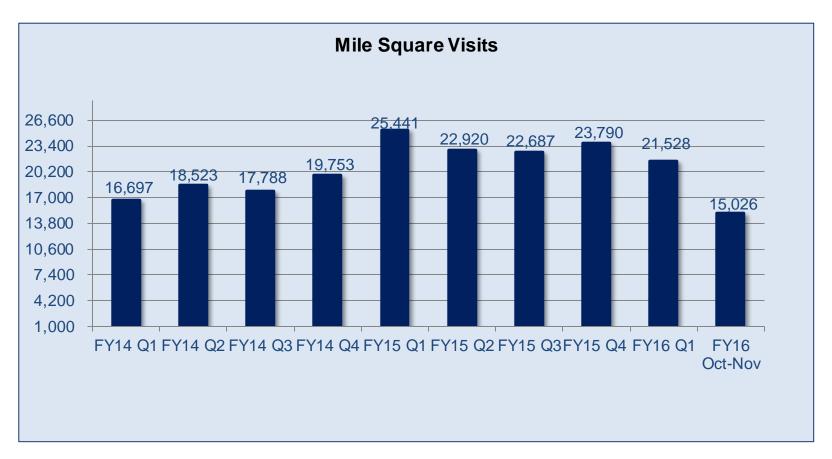
UI Health Metrics	FY16 Q2 Projection on Two Month Actual	FY16 Q2 Target	FY15 Q2 Actual	2nd Quarter % change FY16 vs FY15
Outpatient Clinic Visits	119,528	119,646	116,303	2.8%



Clinic visits in YTD November are 0.8% under budget and 2.6% more than last year.



UI Health Metrics	FY16 Oct-Nov	FY16 Oct-Nov Target	FY15 Q2 Actual
Mile Square Visits	15,026	17,566	22,920



Mile Square visits are below prior year quarter 2 and lower than target.



# UI HEALTH MISSION PERSPECTIVE: FINANCIAL PERFORMANCE

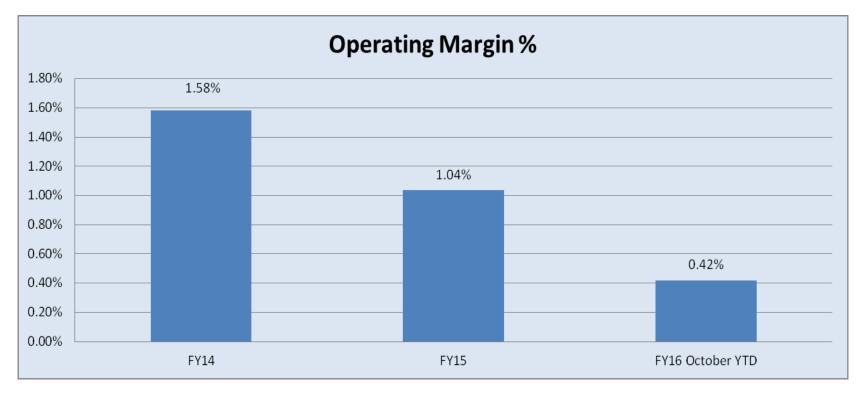


#### STATEMENT OF OPERATIONS – OCTOBER 2015 (\$ IN THOUSANDS)

Мо		Nonth					Year	-to-Date			
			Varian	ce	Prior			-	Varia	Variance	
	Actual	Budget	\$	%	Year		Actual	Budget	\$	%	Year
\$	50,280	\$ 49,340	940	1.9%	\$ 42,886	Net Patient Revenue	\$ 196,042	\$195,657	385	0.2%	\$177,890
	21,346	22,394	(1,048)	-4.7%	21,260	Other Revenue	 87,217	89,523	(2,306)	-2.6%	85,379
	71,626	71,734	(108)	-0.2%	64,146	Total Revenue	283,259	285,180	(1,921)	-0.7%	263,269
	25,955	25,719	(236)	-0.9%	23,116	Salaries & Wages	101,922	101,888	(34)	0.0%	99,177
	16,970	17,136	166	1.0%	17,016	Employee Benefits	68,328	68,520	192	0.3%	68,626
	24,398	24,676	278	1.1%	22,356	Department Expenses	97,151	98,256	1,105	1.1%	86,398
	3,667	3,667	0	0.0%	3,414	General Expenses	 14,668	14,668	0	0.0%	13,657
	70,990	71,198	208	0.3%	65,902	Total Expenses	 282,069	283,332	1,263	0.4%	267,858
\$	636	\$ 536	100	18.7%	\$ (1,756)	Operating Margin	\$ 1,190	<mark>\$ 1,848</mark>	(658)	-35.6%	\$ (4,589)
	(578)	(61)	(517)	-847.5%	257	Net Non-operating Income/(Loss)	 (1,134)	\$ (246)	(888)	-361.0%	947
\$	58	\$ 475	(417)	-87.8%	\$ (1,499)	Net Income/(Loss)	\$ 56	\$ 1,602	(1,546)	<b>96.5</b> %	\$ (3,642)



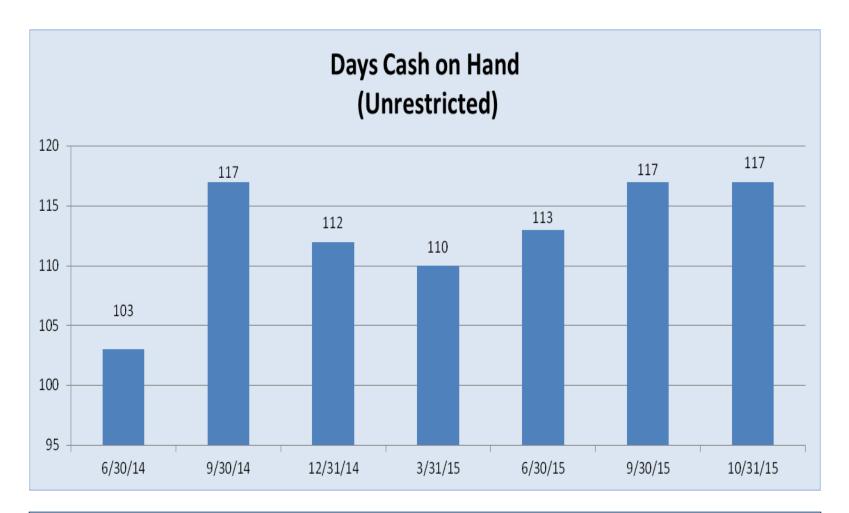
UI Health Metrics	FY16 YTD	FY16 (12mos)	FY15
	Actual	Target	Actual
Operating Margin %	0.42%	0.74%	1.04%



Operating Margin includes Payments on Behalf for Benefits and Utilities. YTD Margin is expected to increase each quarter as planned initiatives for FY16 are accomplished.

### UI Health Mission Perspective: Financial Stability





Median Unrestricted Days Cash on Hand for UI Health's Bond Rating Category (S&P "A" and Moody's "A2") is 252 days.

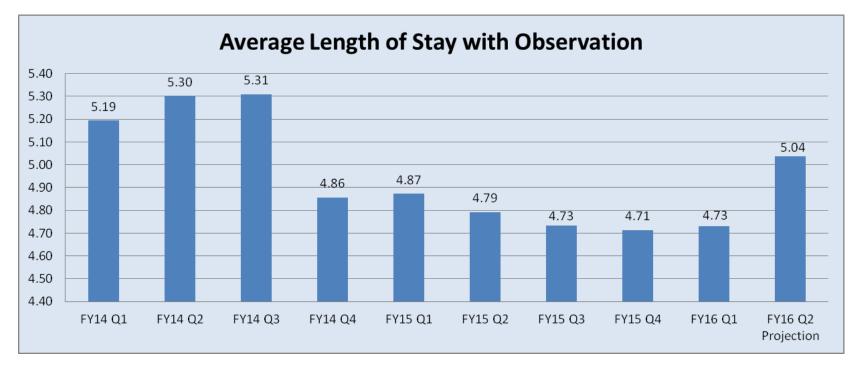
### UI Health Mission Perspective: Financial Stability



# UI HEALTH MISSION PERSPECTIVE: OPERATIONAL EFFECTIVENESS



UI Health Metrics	FY16 Q2 Projection: Two Month Actual + December Budget	FY16 Q2 Target	FY15 Q2 Actual
Average Length of Stay with Observation (Days)	5.04	4.56	4.79

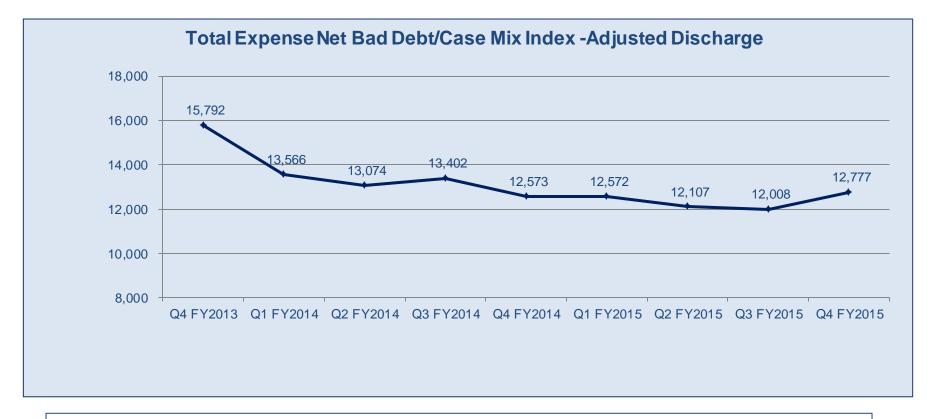


FY 16 Budget Target is to be at 4.30 days by year-end.

### **UI Health Mission Perspective: Operational Effectiveness**



				Compared An	nong All UHC
otal Expense Net Bad Debt/Case Mix Index (CMI)-	N (Sample Size)	UIH 8 Quarter Average	UIH Latest Quarter Available	UHC Median Score	Current UIH Rank
Total Expense Net Bad Debt/Case Mix Index (CMI)- Adjusted Discharge	N/A	12,760	12,777	9,491	56/66

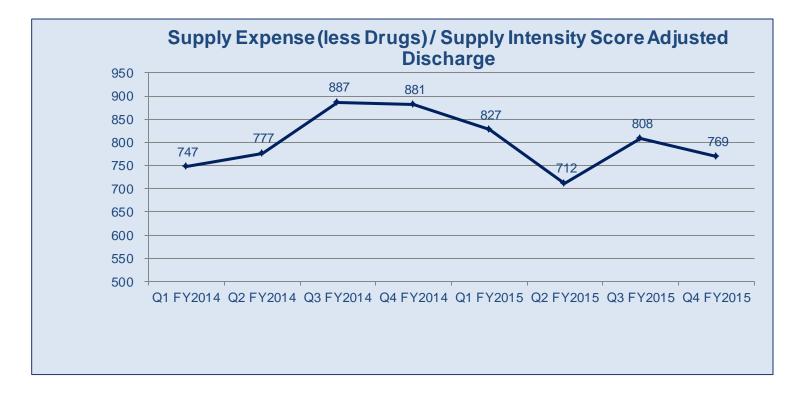


Trend is downwards with an increase in Q4 FY 2015.

**UI Health Mission Perspective: Operational Effectiveness** 



				Compared An	nong All UHC
UHC Metrics (FY15 Q4, April - June 2015) Supply Expense (less Drugs) / Supply Intensity Score	N (Sample Size)	UIH 8 Quarter Average	UIH Latest Quarter Available	UHC Median Score	Current UIH Rank
Supply Expense (less Drugs) / Supply Intensity Score Adjusted Discharge	N/A	809	769	787	N/A



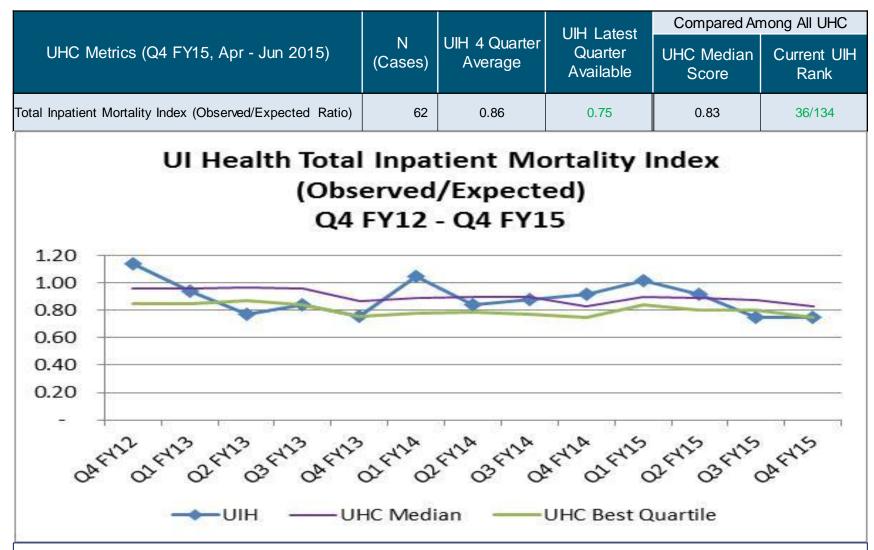
There was a slight decrease in Q4 FY15 and lower than UHC median.

#### **UI Health Mission Perspective: Operational Effectiveness**



# UI HEALTH MISSION PERSPECTIVE: QUALITY AND SAFETY

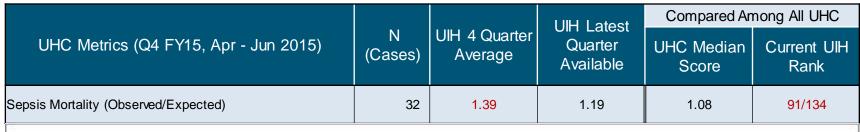


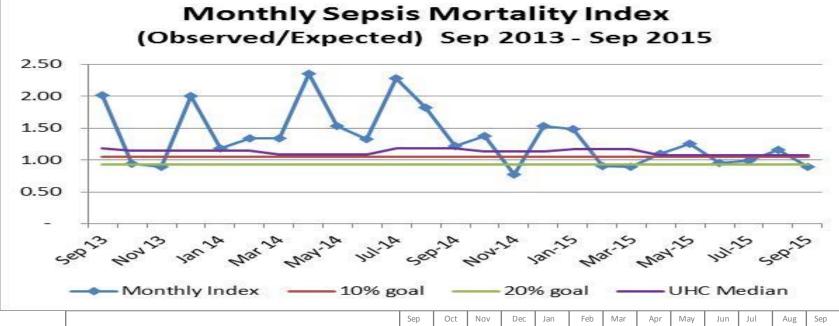


During Q4 FY15, UI Health's Total Inpatient Mortality Index (observed/expected deaths) improved for the third consecutive quarter. Our performance remains in the UHC best quartile. We do not have a specific FY16 improvement goal for Total Inpatient Mortality.

### **UI Health Mission Perspective: Quality and Safety**







	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
	14	14	14	14	15	15	15	15	15	15	15	15	15	1
Number of Sepsis Cases by Month	46	49	55	66	61	70	61	82	83	83	83	89	102	
Number of Sepsis Deaths by Month	8	10	6	16	11	9	8	12	11	9	12	11	13	

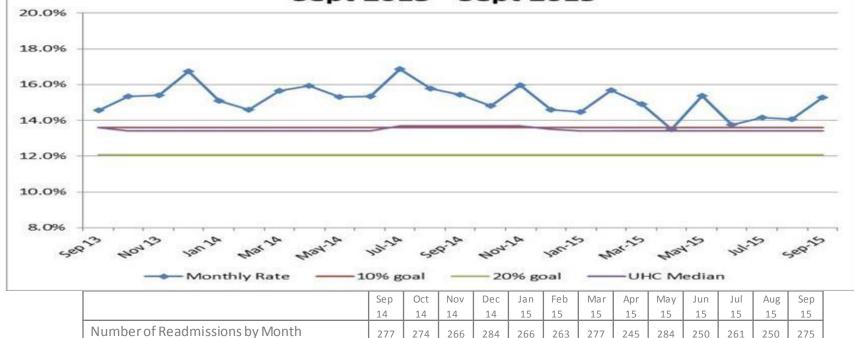
During September 2015, UI Health's Sepsis Mortality index (observed/expected deaths) was 0.90, an improvement in performance from the previous month and better than the UHC median.

Our FY16 goal is to reduce our Sepsis Mortality by 10 to 20% by June 2016 as compared to our June 2015 performance. This will require lowering our rolling 12-month Sepsis Mortality Index to 1.05 or below.

### **UI Health Mission Perspective: Quality and Safety**





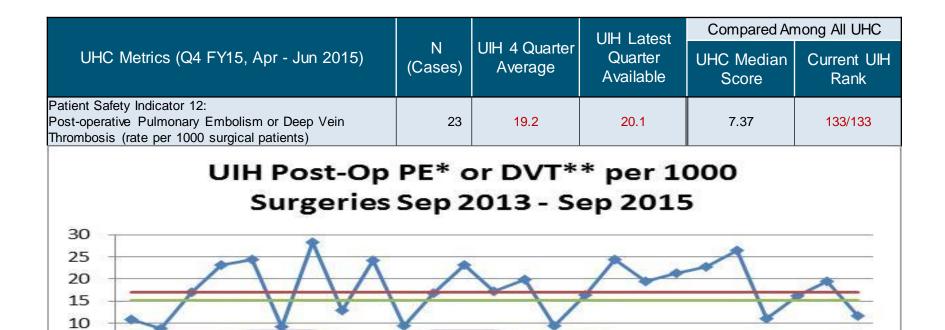


During September 2015, UI Health's 30-day all-cause Readmission Rate was 15.3%, a slight worsening in performance from the previous month and worse than the UHC median.

Our FY16 goal is to reduce our 30-day all-cause Readmission Rate by 10% to 20% by June 2016 as compared to our June 2015 baseline. This will require a rolling 12-month Readmission Rate of  $\leq$ 13.6%.

### **UI Health Mission Perspective: Quality and Safety**





50	40	20	41	4v2	5-	Se	4	20	4m	4ve	2-	50.	
-	-Rate	/1000	Surger	ies –	10	% goal		- 20%	6 goal	-	UHC N	1edian	

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	14	14	14	14	15	15	15	15	15	15	15	15	15
Number of Post-Op DVTs by Month	5	4	3	4	3	3	4	4	4	1	5	4	1
Number of Post-Op PEs by Month	3	4	0	3	6	3	4	5	6	3	1	3	4

During September 2015, UI Health's post-operative PE/DVT rate improved from the previous month to 11.70 per 1000 surgeries. Our performance continues to lag the UHC median.

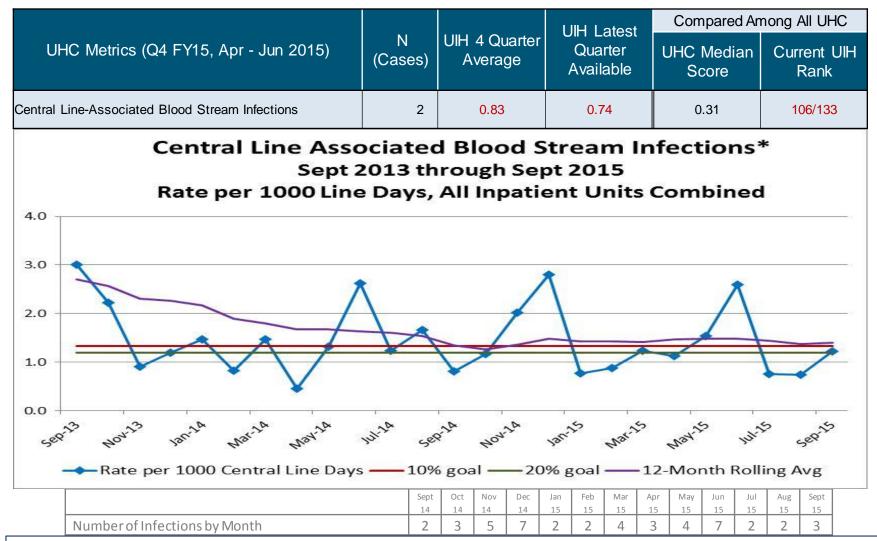
Our FY16 goal is to reduce our post-op PE/DVT rate by 10 to 20% by June 2016 as compared to our June 2015 rate. This will require lowering our rolling 12-month average Post-Op DVT/PE Rate to 16.9 or below.

### UI Health Mission Perspective: Quality and Safety

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\*PE = Pulmonary Embolism \*\*DVT = Deep Venous Thrombosis





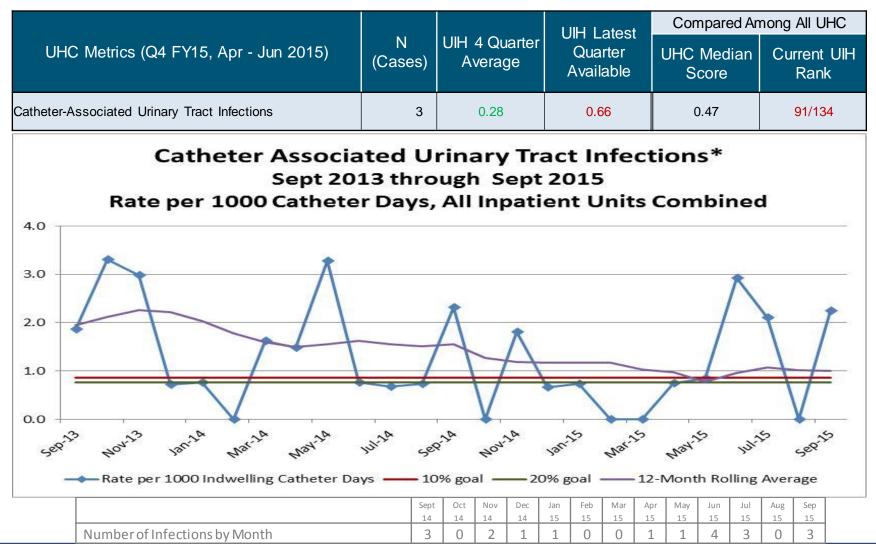
Our CLABSI rate worsened in September to 1.23, with a total of 3 CLABSIs house-wide.

Our FY16 goal is to reduce CLABSIs by 10% to 20% by June 2016 as compared to our June 2015 baseline. This will require lowering our rolling 12-month CLABSI rate per 1000 line days to 1.34 or lower.

### **UI Health Mission Perspective: Quality and Safety**



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Our CAUTI rate in September worsened to 2.25, with 3 CAUTI infections for the month.

Our FY16 goal is to reduce CAUTIs by 10% to 20% by June 2016 as compared to June 2015. This will require lowering our rolling 12-month CAUTI rate per 1000 indwelling catheter days to 0.86 or lower.

### UI Health Mission Perspective: Quality and Safety



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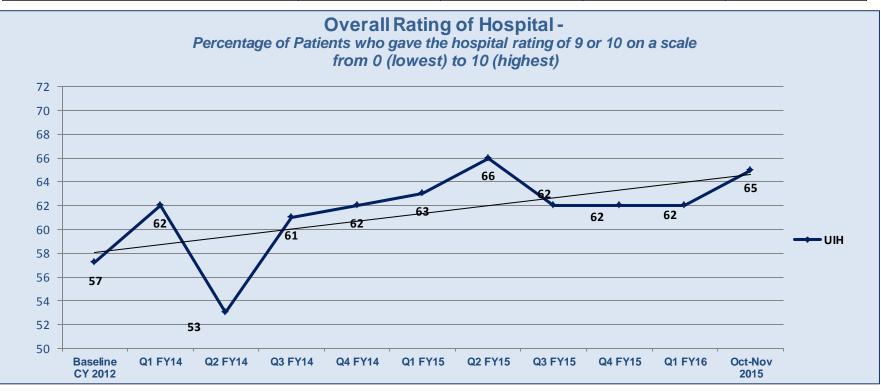
& Health Sciences System

Changing medicine. For good. -

# UI HEALTH MISSION PERSPECTIVE: CUSTOMER



UI Health Metric	Baseline	Current Quarter	Prior	UIH 8 Quarter
	CY 2012	Q1 FY16	Q1 FY15	Average
HCAHPS (Overall Rating of Hospital)	57	62	63	61

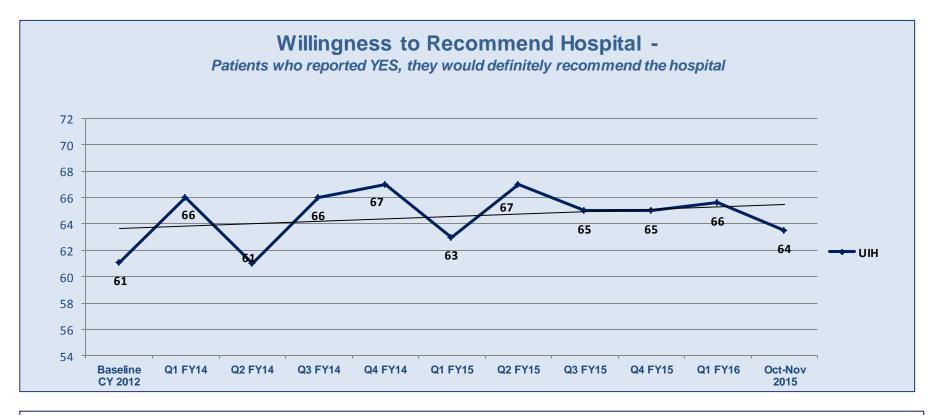


• Significant anomaly in Q2FY14 attributed to the conversion of all services to Press Ganey Census Based Surveying.

### **UI Health Mission Perspective: Customer**



UI Health Metric	Baseline	Current Quarter	Prior	UIH 8 Quarter
	CY 2012	Q1 FY16	Q1 FY15	Average
HCAHPS (Willingness to Recommend Hospital)	61	66	63	65



• Significant anomaly in Q2FY14 attributed to the conversion of all services to Press Ganey Census Based Surveying.

### **UI Health Mission Perspective: Customer**



### DASHBOARD DEFINITIONS

UI Health Internal Measures	Definition/Notes	Source
Operating Margin %	Measures operating profitability as a percentage of operating revenue	UI Health Finance
Days Cash on Hand	Measures the number of days that the organization could continue to pay its average daily cash obligations with no new cash resources becoming available	UI Health Finance
Net Accounts Receivable > 60 days	The total money ow ed to UIH by its payors minus the amount ow ed that will likely not get paid.	UI Health Revenue Cycle
Total Expense Net Bad Debt/Case Mix Index (CMI)-Adjusted Discharge	Total expense (area w age index-adjusted) divided by CMI-adjusted discharges. CMI-adjusted discharges is defined by CMI, multiplied by discharges, multiplied by gross total patient charges divided by gross inpatient charges.	University Healthcare Consortium
Supply Expense (less Drugs) / Supply Intensity Score Adjusted Discharge	Supply expense (less drugs) divided by supply intensity score-adjusted discharges. Supply intensity score is a value derived from a weighted average of the total number of discharges by the distribution of MS-DRG—weighted values, assigned based on expected supply-related consumption.	University Healthcare Consortium
Total Inpatient Mortality Index (Observed/Expected Ratio)	The total inpatient mortality index represents all inpatient cases that had a discharge status of "expired" (observed mortality rate divided by expected mortality rate).	University Healthcare Consortium
Patient Safety Indicator 12 Post- operative Pulmonary Embolism or Deep Vein Thrombosis (rate per 1000 surgical patients)	The rate of deep vein thrombosis (DVT) per 1000 is defined by the AHRQ Patient Safety Indicator (PSI) 12: postoperative pulmonary embolism (PE) or DVT rate	University Healthcare Consortium
Sepsis Mortality	The sepsis mortality index represents all inpatient cases that had a discharge status of "expired" and a principal and/or secondary diagnosis/diagnoses related to sepsis: ICD-9 codes 038, 038.0-038.9, 785.52, 995.91, 995.92, 771.81, 998.02 (sepsis observed mortality rate divided by sepsis expected mortality rate).	University Healthcare Consortium
30-Day All Cause Readmission Rate	The 30-day all cause readmission rate for adult, non-OB patients is the percentage of patients who return to the hospital for any reason within 30 days of discharge from the prior (index) admission.	University Healthcare Consortium
Central Line Associated Blood Stream Infections	Laboratory-confirmed bloodstreaminfection (BSI) in a patient who had a central line within the 48 hour period before the development of the BSI and that is not related to an infection at another site - Rate per 1000 line days, all inpatient units combined	University Healthcare Consortium
Catheter Associated Urinary Tract Infections	A UTI where an indw elling urinary catheter was in place for >2 calendar days on the date of event, with day of device placement being Day 1, and an indw elling urinary catheter was in place on the date of event or the day before. If an indw elling urinary catheter was and then removed, the UTI criteria must be fully met on the day of discontinuation or the next day Rate per 1000 catheter days, all inpatient units combined	University Healthcare Consortium

