NDNQI® Quarterly Indicators of Nursing Staff and Patient Outcomes

Legend: CC - Critical Care; SD - Step-down; M-Medical; S - Surgical; MS - MedSurg

Indicator		Variables	Data Available Date (Quarter - Year)	Notes	Eligible Unit Types
Staffing	1	RN Hours-hospital employee		Collected monthly	adult - cc, sd, m, s, ms
	2	RN Hours-contractual/agency			rehab-Q4-2003
	3	LPN Hours-hospital employee		Mental Health	psych-Q1-2005
	4	LPN Hours-contractual/agency		Technicians (MHT)	NICU-Q4-2004
	5	UAP Hours-hospital employee	Q4-2001	added Q3-2004	peds- cc, sd, m, s, ms-Q4-2004
	6	UAP Hours-contractual/agency			critical access unit-Q1-2008
	7	Mental Health Technician hours-hospital employee			well baby, ped rehab-Q3-2011
	8	Mental Health Technician hours-contractual/agency			adult/pediatric BMT, burn, high,
Patient Days				Collected monthly using 5 methods	adult - cc, sd, m, s, ms
	1	Patient Days from Midnight Census			rehab-Q4-2003
					psych-Q1-2005
					NICU-Q4-2004
	2	Patient Days from Actual Short Stay Hours	Q4-2001		peds- cc, sd, m, s, ms-Q4 2004
					critical access unit-Q1-2008
					well baby, ped rehab-Q3-2011
	3	Patient Days from Estimated Short Stay Hours			adult/pediatric BMT, burn, high,
					moderate, blended acuity, adult
					LTAC, universal bed-Q1 -2012

NDNQI® Quarterly Indicators of Nursing Staff and Patient Outcomes

Indicator		Variables	Data Available Date (Quarter - Year)	Notes	Eligible Unit Types
RN Education/ Certification	1	# of RNs on Unit Staffing Roster		Collected quarterly	adult- cc, sd, m, s, ms
	2	# of RNs with diploma			rehab-Q4-2003
	3	# of RNs with Associate's Degree			psych-Q1-2005
	4	# of RNs with Bachelor's Degree			NICU-Q4-2004
	5	# of RNs with Master's Degree			peds- cc, sd, m, s, ms-Q4 2004
	6	# of RNs with Doctorate Degree	Q4-2001		critical access unit-Q1-2008
	7	# of RNs with Nursing Degree Unknown			OB, ED, periop, well baby nursery and pediatric rehab-Q3-2010
					adult/pediatric BMT, burn, high, moderate, blended acuity, adult LTAC, universal bed-Q1 2012
	8	# of RNs with National Nursing Specialty Certification			
Nurse Turnover	1	Total Actual Employed RN FTEs		Collected monthly	adult- cc, sd, m, s, ms
	2	# of Actual Employed Full Time RNs			rehab
	3	# of Actual Employed Part time RNs			psych
	4	# of RN Separations During the Month			NICU
	5	Total Actual Employed APRN FTEs			peds- cc, sd, m, s, ms
	6	# of Actual Employed Full Time APRNs			OB
	7	# of Actual Employed Part Time APRNs			ED
	8	# of APRN Separations During the Month	Q2-2008		peri-op
	9	Total Actual Employed LPN FTEs			critical access unit-Q1-2008
	10	# of Actual Employed Full Time LPNs			well baby, ped rehab Q3-2011
	11	# of Actual Employed Part Time LPNs			adult/pediatric BMT, burn, high,
	12	# of LPN Separations During the Month			moderate, blended acuity, adult
	13	Total Actual Employed UAP FTEs			LTAC, universal bed-Q1-2012
	14	# of Actual Employed Full Time UAPs			
	15	# of Actual Employed Part Time UAPs			
	16	# of UAP Separations During the Month			

NDNQI® Quarterly Indicators of Nursing Staff and Patient Outcomes

Indicator		Variables	Data Available Date (Quarter - Year)	Notes	Eligible Unit Types
Pressure Ulcers	1	Unit Census at Start of Survey		Collected quarterly	adult - cc, sd, m, s, ms, rehab
	2	# of Patients Included in the Survey	Q4-2001		peds- cc, sd, m, s, ms-Q2-2010
		Patients Excluded from Survey			peds rehab- Q2-2010
	3	# patients: off unit			geripsych- Q2- 2010
	4	# patients: refused	Q2-2010		NICU- Q2-2010
	5	# patients: unsafe for patient condition			critical access unit- Q1-2008
	6	# patients: actively dying			adult/pediatric BMT, burn, high,
		For Each Patient in the Ulcer Survey			moderate, blended acuity, adult
	1	Patient Age			LTAC, universal bed -Q1-2012
	2	Patient Gender			
	3	Skin Assessment on Admission (within 24 hours)			
	4	Pressure Ulcer Risk Assessment on Admission (within 24 hours)	Q2-2010		
	5	Risk Assessment Scale on Admission (within 24 hours)			
	6	Time Since Last Risk Assessment			
	7	Last Risk Assessment Scale			
	8	Last Recorded Risk Assessment Score			
	9	Patient at Risk Based on Last Assessment			
	10	Interventions in Place			
	11	Pressure Ulcer Prevention Within 24 hours			
	12	Skin Assessment Documented		Only for patients at risk, these replace earlier similar intervention variables	
	13	Pressure Redistribution Surface	Q2-2010		
	14	Routine Repositioning			
	15	Nutritional Support			
	16	Moisture Management			
	17	Total Number of Pressure Ulcers			
	18	# of Hospital Acquired Ulcers			
	19	# of Each Stage of Hospital Acquired Pressure Ulcers			
	20	Total Number of Unit Acquired Ulcers	Q4-2006		
	21	# of Each Stage of Unit Acquired Ulcers			

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Indicator		Variables	Data Available Date (Quarter - Year)	Notes	Eligible Unit Types
Falls	1	# of Patient Falls		Collected monthly	adult - cc, sd, m, s, ms, rehab
	2	Risk Assessment Scale			critical access unit- Q1-2008
		For Each Patient Fall			adult burn, high moderate, blended
	1	Patient Age			acuity, LTAC, universal bed-Q1-2012
	2	Gender			
	3	Fall Assisted by Employee			
	4	Injury Level			
	5	Risk Assessment Prior to Fall	Q4-2001		
	6	Risk Assessment Scale Score		Hendrich II added	
	7	Time Since Last Risk Assessment		Q4-2005	
	8	Patient at Fall Risk			
	9	Fall Prevention Protocol			
	10	Physical Restraint in Use			
	11	Prior Fall this Month			
	12	Autonumber of First Fall			
Restraints	1	Unit Census		Collected quarterly	adult - cc, sd, m, s, ms, rehab
	2	Number of Patients Surveyed			peds- cc, sd, m, s, ms
		For Each Patient in the Restraint Survey			psych
	1	Patient Age			NICU
	2	Gender	Q2-2007		critical access unit- Q1-2008
	3	Restraint in Use			adult/pediatric BMT, burn, high,
	4	Restraint Type			moderate, blended acuity, adult
	5	Restraint category			LTAC, universal bed-Q1-2012
	6	Clinical Justification [for restraint]			
Central Line Associated Urinary Tract Infections (CAUTI)	1	Catheter Days		Collected monthly	adult - cc, peds cc
	2	# of Urinary Tract Infections			adult sd, m, s, ms, rehab-Q1-2011
		For Each CAUTI Patient			ped sd, m, s, ms, rehab-Q1-2011
	1	Patient Age	Q2-2008		adult/pediatric BMT, burn, high,
	2	Gender			moderate, blended acuity, adult
					LTAC, universial bed-Q1-2012
	3	CAUTI Type			

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Indicator		Variables	Data Available Date (Quarter - Year)	Notes	Eligible Unit Types
Central Line Associated Blood Stream Infections (CLABSI)	1	Central Line Days	Q2-2008	Collected monthly, NICU data collected by CDC birth weight categories	adult cc, peds cc, NICU adult sd, m, s, ms, reab-Q1-2011 ped sd, m, s, ms rehab-Q1-2011 adult/pediatric BMT, burn, high, moderate, blended acuity, adult LTAC, universal bed-Q1-2012
	2	# of Blood Stream Infections			
		For Each CLABSI Patient			
	1	Patient Age			
	2	Gender			
	3	Insertion Site			
	4	CLABSI Type			
Ventilator Associated Pneumonia (VAP)	1	Ventilator Days	Q2-2008	Collected monthly, NICU data collected by CDC birth weight categories	adult cc, peds cc, NICU adult/ped sd Q1-2011 adult/pediatric BMT, burn, high, moderate, blended acuity, adult LTAC, universal bed-Q1 2012
	2	Total Number of Ventilator Associated Pneumonias			
		For Each VAP Patient			
	1	Patient Age			
	2	Gender			
	3	VAP Type			
Pain AIR Cycle	1	Number of Patients	Q3-2005	Collected quarterly	peds cc, sd, m, s, ms, NICU ped rehab -Q3-2011 pediatric BMT, burn, high, moderate blended acuity -Q1-2012
		For Each Pain patient			
	1	Patient Age			
	2	Gender			
	3	Total Number of Assessments			
		For Each Pain Cycle			
	1	Presence of Pain			
	2	Pain Scale			
	3	Type of Pain			
	4	Intervened			
	5	Type of Intervention			
	6	Reassessment			

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Indicator		Variables	Data Available Date (Quarter - Year)	Notes	Eligible Unit Types
PIV Infiltrations	1	# Patients with PIV Site		Collected monthly	peds cc, sd, m, s, ms, NICU pediatric BMT, burn, high, moderate, blended acuity-Q1-2012
		For Each PIV Patient			
	1	# of this Patient's PIVs			
	2	Patient Age			
	3	Gender			
	4	Height	Q3-2005		
	5	Weight			
		For Each PIV Site			
	1	Location of PIV Site			
	2	Extent of Injury			
	3	Solution Type			
	4	Agent Category			
Physical/ Sexual Assault	1	Frequency of Assault Management Training		Collected monthly	psych
	2	Unit Policy for Reporting Assaults			
	3	Total Number of Assaults			
	4	Number of Injury Assaults			
		For Each injury Assault			
	1	Age of Person Committing the Assault			
	2	Gender of Person Committing the Assault			
	3	Status of Admission			
	4	Time Since Admission			
	5	Assault Type			
	6	Repeat Injury Assault This Month			
	7	Autonumber of First Injury Assault	Q3-2005		
	8	# of Injured Persons			
	9	Classification of 3 Most Severely Injured Persons			
	10	Injury level of Most Injured Non-nurse			
	11	injury level of Most Injured Nurse			
	12	Years Psychiatric Nursing Experience of Nurse Victim			
	13	Nurse Attended Assault Management Training			
	14	Interventions			
	15	Restraint Type			
	16	Duration of Restraint			
	17	Duration of Seclusion			