

SPARCS Present on Admission Reporting

2009-
2012

Prepared by:

**SPARCS Operations
Bureau of Health Informatics
Office of Quality and Patient Safety
New York State Department of Health**

February 2014

Contents

Hospital Present on Admission (POA) Indicator Testing.....	3
Background	3
Assessment Criteria	3
Table 1: Comparison Present on Admission (POA) Criteria	4
Findings	4
Table 2: Hospital Specific Performance on Present on Admission Reporting, 2009-2012. List of New York State Hospitals Which Did Not Meet 3M POA Criteria (1, 2, 3 or 4, 5)	5
Efforts to Improve Data Quality	11
Contact Information.....	11
Footnotes	12
Table 3: Assessment Criteria 5: For Elective Surgical Patients, Surgical Diagnoses marked as POA	12

Hospital Present on Admission (POA) Indicator Testing

Background

The purpose of this report is to provide a summary of reporting on the Present on Admission (POA) coding on inpatient discharges through the New York State Statewide Planning and Research Cooperative System (SPARCS) by Article 28 hospitals for the time period 2009 through 2012.

This report was developed by the New York State Department of Health's Bureau of Health Informatics within the Office of Quality and Patient Safety.

The Department of Health (DOH) used 3M™ developed programming to assess the reporting and validity of POA coding reported to SPARCS by Article 28 hospital facilities.

The POA code indicates if onset of the diagnosis preceded or followed admission to the hospital. The table below provides detail on currently collected SPARCS facility input and data file output POA codes and values. Please refer to page 153 of the SPARCS Output Data Dictionary at the following direct link: <http://www.health.ny.gov/statistics/sparcs/sysdoc/inpatientoutputdd.pdf> for an explanation of the translation of input to output POA codes.

SPARCS		
Input POA Code	Output POA Code	Indicator Value Description
Y	1	Yes - Present at Inpatient Admission
N	2	No - Not Present at Inpatient Admission
W	3	Clinically Undetermined
U	9	Unknown
1 or Blank	X	Exempt from POA reporting

This report summarizes those findings for the four year period 2009 through 2012.

Assessment Criteria

There are five (5) assessment criteria:

#	Assessment Criteria Description
1.	Pre-existing Diagnosis Codes Specified as Not POA
2.	Percent Uncertain on Indicator for Secondary Diagnosis
3.	Large Number of Secondary Diagnoses with POA
4.	Small Number of Secondary Diagnoses with POA
5.	For Elective Surgical Patients, Surgical Diagnoses marked as POA

Each of these criteria identifies hospitals that are having problems reporting the POA by either a 'Red Zone' or 'Grey Zone' hit.

A **Red Zone** hit indicates a significant problem with POA reporting under those criteria, whereas a **Grey Zone** hit is a moderate problem.

If a hospital has either one (1) **Red Zone** or two (2) **Grey Zone** hits among the five (5) criteria, that hospital is deemed as having a problem(s) reporting POA.

Table 1: Comparison Present on Admission (POA) Criteria

Assessment Criteria	Red Zone	Grey Zone	Denominator	Numerator
Criteria 1: Pre-existing Diagnosis Codes Specified as Not POA	% Not POA for Pre-existing diagnoses ≥7.5%	5%≤ for Pre-existing diagnoses <7.5%	All pre-existing diagnoses at the hospital (from 3M defined list of 7,875 diagnosis codes).	Number of pre-existing diagnoses at the hospital that are not POA (indicator value '2 = No - Not Present at Inpatient Admission')
Criteria 2: Percent Uncertain on Indicator for Secondary Diagnosis	% POA Uncertain ≥10%	5%≤ % POA Uncertain <10%	All remaining secondary diagnoses after excluding exempt (from 3M defined list of 1,703 diagnosis codes) and pre-existing diagnoses at the hospital.	Number of remaining diagnoses at the hospital with indicator value of '9 = Unknown' or '3 = Clinically Undetermined'
Criteria 3: Large Number of Secondary Diagnoses with POA	% Present on Admission ≥96%	93%≤ Present on Admission <96%	All remaining secondary diagnoses after excluding exempt, pre-existing and perinatal secondary diagnosis codes (perinatal codes = 760xx – 779xx) at the hospital.	Number of remaining diagnoses at the hospital with indicator value '1 = Yes – Present at Inpatient Admission'
Criteria 4: Small Number of Secondary Diagnoses with POA	% Present on Admission ≤70%	70%< Present on Admission ≤77%	All remaining secondary diagnoses after excluding exempt, pre-existing and perinatal secondary diagnosis codes (perinatal codes = 760xx – 779xx) at the hospital.	Number of remaining diagnoses at the hospital with indicator value '1 = Yes – Present at Inpatient Admission'
Criteria 5: For Elective Surgical Patients, Surgical Diagnoses marked as POA	% Present on Admission ≥40%	30%≤ Present on Admission <40%	All selected secondary surgical diagnoses from the hospital (see Footnote Table 3).	The number of selected secondary diagnoses with the indicator value '1 = Yes – Present at Inpatient Admission'

Findings

Of the 225 hospitals reporting inpatient data during 2009 through 2012, 23 to 31 hospitals fail the POA criteria in any given year.

- Eight (8) hospitals for all four (4) years (2009 – 2012)
 1. Clifton-Fine Hospital
 2. Ellis Hospital – Bellevue Woman’s Care Center Division
 3. Hospital for Special Surgery
 4. Lewis County General Hospital
 5. RUMC-Bayley Seton
 6. Richmond University Medical Center
 7. Roswell Park Cancer Institute
 8. Woman and Children’s Hospital of Buffalo

- Nine (9) hospitals for three (3) of the four (4) years
 1. Bronx-Lebanon Hospital Center – Fulton Division (2009, 2010, 2011)
 2. Claxton-Hepburn Medical Center (2009, 2010, 2012)
 3. Cobleskill Regional Hospital (2010, 2011, 2012)
 4. Cuba Memorial Hospital (2009, 2010, 2011)
 5. NYU Hospital for Joint Diseases (2010, 2011, 2012)
 6. O’Connor Hospital (2010, 2011, 2012)
 7. SJRH – Dobbs Ferry Pavilion (2009, 2011, 2012)
 8. Schuyler Hospital (2010, 2011, 2012)
 9. Soldiers and Sailors Memorial Hospital of Yates County, Inc. (2009, 2010, 2012)

- In addition, there are another three (3) hospitals that have failed the criteria for the last two (2) years (2011-2012)
 1. Elizabethtown Community Hospital
 2. Little Falls Hospital
 3. The Burdett Care Center

Failed Criteria Summary		#	%
2 Years	Last two (2) years of not meeting 3M POA Criteria (1, 2, 3 or 4, 5); Grey zone twice or Red zone once	3	1.3%
3 Years	Three (3) years of not meeting 3M POA Criteria (1, 2, 3 or 4, 5); Grey zone twice or Red zone once	9	4.0%
4 Years	Four (4) years of not meeting 3M POA Criteria (1, 2, 3 or 4, 5); Grey zone twice or Red zone once	8	3.6%
Total		20	8.9%

Table 2: Hospital Specific Performance on Present on Admission Reporting, 2009-2012. List of New York State Hospitals Which Did Not Meet 3M POA Criteria (1, 2, 3 or 4, 5)

Failed Criteria	Facility Name	2009	2010	2011	2012
	Adirondack Medical Center-Saranac Lake Site				
	Albany Medical Center - South Clinical Campus				
	Albany Medical Center Hospital				
	Albany Memorial Hospital				
	Alice Hyde Medical Center				
	Arnot Ogden Medical Center				
	Auburn Community Hospital				
	Aurelia Osborn Fox Memorial Hospital		*		
	Bellevue Hospital Center				
	Benedictine Hospital (HealthAlliance Hospital Mary’s Avenue Campus)				
	Bertrand Chaffee Hospital				
	Beth Israel Med Center-Kings Hwy Div				
	Beth Israel Medical Center/Petrie Campus				
	Blythedale Childrens Hospital	*	*		
	Bon Secours Community Hospital				
	Bronx-Lebanon Hospital Center - Concourse Division				
3 Years	Bronx-Lebanon Hospital Center - Fulton Division	*	*	*	

Failed Criteria	Facility Name	2009	2010	2011	2012
	Brookdale Hospital Medical Center				
	Brookhaven Memorial Hospital Medical Center Inc				
	Brooklyn Hospital Center - Downtown Campus	*			
	Brooks Memorial Hospital				
	Buffalo General Medical Center				
	Calvary Hospital Inc	*	*		
	Canton-Potsdam Hospital				
	Carthage Area Hospital Inc				
	Catskill Regional Medical Center				
	Catskill Regional Medical Center - G. Hermann Site	*		*	
	Cayuga Medical Center at Ithaca				
	Champlain Valley Physicians Hospital Medical Center				
	Chenango Memorial Hospital Inc				
3 Years	Claxton-Hepburn Medical Center	*	*		*
	Clifton Springs Hospital and Clinic				
4 Years	Clifton-Fine Hospital	*	*	*	*
3 Years	Cobleskill Regional Hospital		*	*	*
	Coler-Goldwater Spec Hosp&Nurs Fac - Goldwater Hospital Site				
	Coler-Goldwater Specialty Hospital & Nursing Facility - Coler Hospital				*
	Columbia Memorial Hospital				
	Community Memorial Hospital Inc				
	Coney Island Hospital				
	Corning Hospital				
	Cortland Regional Medical Center Inc				
	Crouse Hospital				
	Crouse Hospital - Commonwealth Division				
3 Years	Cuba Memorial Hospital Inc	*	*	*	
	Degraff Memorial Hospital				
	Delaware Valley Hospital Inc				
	Eastern Long Island Hospital				
	Eastern Niagara Hospital - Lockport Division				
	Eastern Niagara Hospital - Newfane Division				
	Edward John Noble Hospital of Gouverneur	*			
2 Years	Elizabethtown Community Hospital			*	*
	Ellenville Regional Hospital	*	*		
	Ellis Hospital				
4 Years	Ellis Hospital - Bellevue Woman's Care Center Division	*	*	*	*
	Elmhurst Hospital Center				
	Erie County Medical Center				
	F F Thompson Hospital				
	Faxton-St Lukes Healthcare Faxton Division				
	Faxton-St Lukes Healthcare St Lukes Division				

Failed Criteria	Facility Name	2009	2010	2011	2012
	Flushing Hospital Medical Center				
	Forest Hills Hospital				
	Franklin Hospital				
	Geneva General Hospital				
	Glen Cove Hospital				
	Glens Falls Hospital				
	Good Samaritan Hospital Medical Center				
	Good Samaritan Hospital of Suffern				
	Harlem Hospital Center				
	Helen Hayes Hospital				
	Highland Hospital				
4 Years	Hospital for Special Surgery	*	*	*	*
	Hudson Valley Hospital Center				
	Huntington Hospital				
	Institute of Rehab Medicine NYU Medical Center	*	*		
	Interfaith Medical Center	*			
	Ira Davenport Memorial Hospital Inc	*			
	Jacobi Medical Center				
	Jamaica Hospital Medical Center				
	John T Mather Memorial Hospital of Port Jefferson New York Inc				
	Kenmore Mercy Hospital				
	Kings County Hospital Center				
	Kingsbrook Jewish Medical Center		*	*	
	Kingston Hospital (HealthAlliance Hospital Broadway Campus)				
	Lakeside Memorial Hospital				
	Lawrence Hospital Center				
	Lenox Hill Hospital				
4 Years	Lewis County General Hospital	*	*	*	*
	Lincoln Medical & Mental Health Center				
2 Years	Little Falls Hospital			*	*
	Long Beach Medical Center				*
	Long Island Jewish Medical Center				
	Long Island Jewish Schneiders Children's Hospital Division				
	Lutheran Medical Center				
	Maimonides Medical Center				
	Margaretville Hospital		*	*	
	Mary Imogene Bassett Hospital				
	Massena Memorial Hospital				
	Medina Memorial Hospital				
	Memorial Hosp of Wm F & Gertrude F Jones A/K/A Jones Memorial Hosp				
	Memorial Hospital for Cancer and Allied Diseases				
	Mercy Hospital				

Failed Criteria	Facility Name	2009	2010	2011	2012
	Mercy Medical Center				
	Metropolitan Hospital Center				
	Millard Fillmore Hospital				
	Millard Fillmore Suburban Hospital				
	Monroe Community Hospital			*	
	Montefiore Med Center - Jack D Weiler Hosp of A Einstein College Div				
	Montefiore Medical Center - Henry & Lucy Moses Div				
	Montefiore Medical Center - North Division				
	Moses-Ludington Hospital				
	Mount Sinai Hospital				
	Mount Sinai Hospital - Mount Sinai Hospital of Queens				
	Mount St Marys Hospital and Health Center				
	Mount Vernon Hospital				
	NY Eye and Ear Infirmary	*			
3 Years	NYU Hospital for Joint Diseases		*	*	*
	NYU Hospitals Center				
	Nassau University Medical Center				
	Nathan Littauer Hospital				
	New York Community Hospital of Brooklyn, Inc				
	New York Downtown Hospital				
	New York Hospital Medical Center of Queens				
	New York Methodist Hospital				
	New York Presbyterian Hospital - Allen Hospital				*
	New York Presbyterian Hospital - Columbia Presbyterian Center				
	New York Presbyterian Hospital - New York Weill Cornell Center				
	New York Presbyterian Hospital - Westchester Division		*		
	New York Westchester Square Medical Center				
	Newark-Wayne Community Hospital				
	Niagara Falls Memorial Medical Center				
	Nicholas H Noyes Memorial Hospital				
	North Central Bronx Hospital				
	North General Hospital	*			
	North Shore University Hospital				
	Northern Dutchess Hospital				
	Northern Westchester Hospital				
	Nyack Hospital				
3 Years	O'Connor Hospital		*	*	*
	Olean General Hospital				
	Oneida Healthcare Center				
	Orange Regional Medical Center				
	Oswego Hospital				
	Oswego Hospital - Alvin L Krakau Comm Mtl Health Center Div				

Failed Criteria	Facility Name	2009	2010	2011	2012
	Our Lady of Lourdes Memorial Hospital Inc	*	*		
	Peconic Bay Medical Center				
	Peninsula Hospital Center				
	Phelps Memorial Hospital Assn				
	Plainview Hospital				
	Putnam Hospital Center				
	Queens Hospital Center	*	*		
4 Years	RUMC-Bayley Seton	*	*	*	*
4 Years	Richmond University Medical Center	*	*	*	*
	River Hospital, Inc.	*			
	Rochester General Hospital				
	Rockefeller University Hospital		*	*	
	Rome Memorial Hospital, Inc				
4 Years	Roswell Park Cancer Institute	*	*	*	*
3 Years	SJRH - Dobbs Ferry Pavilion	*		*	*
	SJRH - Park Care Pavilion				
	SJRH - St Johns Division				
	SUNY Downstate Medical Center at LICH				
	Samaritan Hospital				
	Samaritan Medical Center				
	Saratoga Hospital				
3 Years	Schuyler Hospital		*	*	*
	Seton Health System-St Mary's Campus				
	Sheehan Memorial Hospital				
	Sisters of Charity Hospital				
	Sisters of Charity Hospital - St Joseph Campus				
3 Years	Soldiers and Sailors Memorial Hospital of Yates County Inc	*	*		*
	Sound Shore Medical Center of Westchester				
	South Nassau Communities Hospital				
	Southampton Hospital				
	Southside Hospital				
	St Anthony Community Hospital				
	St Barnabas Hospital				
	St Catherine of Siena Hospital				
	St Charles Hospital				
	St Elizabeth Medical Center				
	St Francis Hospital				
	St James Mercy Hospital				
	St James Mercy Hospital - MercyCare				*
	St Johns Episcopal Hospital So Shore				
	St Joseph's Medical Center				
	St Josephs Hospital				

Failed Criteria	Facility Name	2009	2010	2011	2012
	St Josephs Hospital Health Center				
	St Luke's Cornwall Hospital/Cornwall	*			
	St Lukes Roosevelt Hospital - St Lukes Hospital Division				
	St Lukes Roosevelt Hospital Center - Roosevelt Hospital Division				
	St Peters Hospital				
	St. Joseph Hospital				
	St. Mary's Healthcare				*
	St. Mary's Healthcare - Amsterdam Memorial Campus				
	St. Mary's Hospital				
	Staten Island University Hosp-North				
	Staten Island University Hosp-South				
	Strong Memorial Hospital				
	Summit Park Hospital-Rockland County Infirmary				*
	Sunnyview Hospital and Rehabilitation Center				*
	Syosset Hospital				
	TLC Health Network Lake Shore Hospital				
	TLC Health Network Tri-County Memorial Hospital	*			
2 Years	The Burdett Care Center			*	*
	The Unity Hospital of Rochester				
	The Unity Hospital of Rochester-St Marys Campus				
	Upstate University Hospital at Community General				
	United Health Services Hospitals Inc. - Binghamton General Hospital				
	United Health Services Hospitals Inc. - Wilson Medical Center				
	United Memorial Medical Center Bank Street Campus				
	United Memorial Medical Center North Street Campus				
	University Hospital				
	University Hospital SUNY Health Science Center				
	University Hospital of Brooklyn				
	Vassar Brothers Medical Center				
	Westchester Medical Center				
	Westfield Memorial Hospital Inc				
	White Plains Hospital Center				
	Winifred Masterson Burke Rehabilitation Hospital	*	*		
	Winthrop-University Hospital				
	Woman's Christian Association				
	Woman's Christian Assoc Hosp - WCA Hosp at Jones Memorial Health Ce				
4 Years	Women And Children's Hospital Of Buffalo	*	*	*	*
	Woodhull Medical & Mental Health Center	*			
	Wyckoff Heights Medical Center				
	Wyoming County Community Hospital		*		
Total (out of 225 Hospitals)		31	29	23	25
<i>Percent of Total Hospitals</i>		<i>13.8%</i>	<i>12.9%</i>	<i>10.2%</i>	<i>11.1%</i>

Efforts to Improve Data Quality

Complete, accurate, and timely submission of inpatient SPARCS data is an essential process for all Article 28 facilities operating in New York State. SPARCS data is used by DOH for a variety of purposes including: hospital financial rate setting; developing and evaluating policy; epidemiology; health planning/resource allocation; quality of care assessment; research; surveillance; utilization review; efficiency analytics, etc. It is in the best interest of facilities to ensure that the SPARCS data they submit is timely, complete, and accurate.

Efforts at reporting compliance and data quality concentrate on providing facilities with technical assistance, ensuring all facilities submit data on a monthly basis, and giving facilities necessary feedback on volume and quality of data received.

This report will be used to inform facilities on their hospital findings and to increase efforts to improve and correct POA coding in subsequent submissions.

Contact Information

We welcome comments and feedback on this report. Please contact us at:

SPARCS Operations
Bureau of Health Informatics
Office of Quality and Patient Safety
New York State Department of Health
Empire State Plaza
Corning Tower, Room 1970
Albany, NY 12237

Phone: (518) 474-3189
E-mail: sparcs.submissions@health.ny.gov
Website: <http://www.health.ny.gov/statistics/sparcs/>

Footnotes

Table 3: Assessment Criteria 5: For Elective Surgical Patients, Surgical Diagnoses marked as POA

Diagnosis Code	Diagnosis Code Value
415.11	Iatrogenic pulmonary embolism and infarction
458.2	Iatrogenic hypotension
458.29	Other iatrogenic hypotension
518.5	Pulmonary insufficiency following trauma and surgery
799.1	Respiratory arrest
996.62	Infection and inflammatory reaction due to other vascular device, implant, and graft
997.01	Central nervous system complication
997.02	Iatrogenic cerebrovascular infarction or hemorrhage
997.1	Cardiac complications
997.2	Peripheral vascular complications
997.3	Respiratory complications
997.4	Digestive system complications
997.5	Urinary complications
998.0	Postoperative shock
998.11	Hemorrhage complicating a procedure
998.12	Hematoma complicating a procedure
998.2	Accidental puncture or laceration during a procedure
998.59	Other postoperative infection
998.81	Emphysema (subcutaneous) (surgical) resulting from a procedure
998.89	Other specified complications
999.2	Other vascular complications
999.3	Other infection
999.31	Other and unspecified infection due to central venous catheter
999.8	Other and unspecified infusion and transfusion reaction