

Updated Information on the Annual Hospital-Acquired Condition Rate: 2011 and 2012

This document provides estimates of the national rate of hospital-acquired conditions (HACs) for the Partnership for Patients (PFP) program for calendar years 2011 and 2012. The methods used to compute this data are identical to those used to compute the 2010 baseline, as described in the document “Methods To Estimate the Baseline 2010 PFP National Hospital-Acquired Condition Rate,” available at <http://www.ahrq.gov/professionals/quality-patient-safety/pfp/index.html>. The annual estimates include a wide variety of adverse events, including the nine HACs selected for special focus as part of the PFP, as well as several other HACs. Collectively, 28 specific measures are used: 14 measures to generate rates for the 9 specific PFP HACs and 14 measures to generate a summary rate for “all other” HACs. Of the 28 measures, 21 are from the AHRQ/CMS Medicare Patient Safety Monitoring System (MPSMS), 6 are from the AHRQ Patient Safety Indicators (PSIs), and 1 is based on National Healthcare Safety Network (NHSN) data from the U.S. Centers for Disease Control and Prevention.

The data for 2011 and 2012 are shown in Table 1 below.

Table 1. 2011 and 2012 Estimated Final PFP National HAC Data (computed June 2014)

PFP Hospital-Acquired Conditions			Information on 2011 Measured HACs		Information on 2012 Measured HACs	
Partnership for Patients Hospital-Acquired Condition	Source	Measure	2011 PFP HACs (Normalized to 32,750,000 Discharges – Based on 2010 Baseline)	2011 PFP Measured HACs per 1,000 Discharges	2012 PFP HACs (Normalized to 32,750,000 Discharges – Based on 2010 Baseline)	2012 PFP Measured HACs per 1,000 Discharges
Adverse Drug Event (ADE)	MPSMS	ADE Associated With Digoxin	9,400	0.29	11,000	0.32
	MPSMS	ADE Associated With Hypoglycemic Agents	920,000	28.00	760,000	23.21
	MPSMS	ADE Associated With IV Heparin	150,000	4.72	140,000	4.33
	MPSMS	ADE Associated With Low Molecular Weight Heparin and Factor Xa Inhibitor	330,000	10.21	310,000	9.52
	MPSMS	ADE Associated With Warfarin	180,000	5.46	150,000	4.53
	MPSMS	Total ADE (sum of above 5 measures)	1,594,000	48.67	1,372,000	41.91
CAUTI	MPSMS	Catheter-Associated Urinary Tract Infections	370,000	11.30	350,000	10.58
CLABSI	MPSMS	Blood Stream Infections Associated With Central Venous Catheters	17,000	0.52	17,000	0.51



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Table 1. 2011 and 2012 Estimated Final PFP National HAC Data (computed June 2014) (continued)

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Partnership for Patients Hospital-Acquired Condition	Source	Measure	2011 PFP HACs (Normalized to 32,750,000 Discharges – Based on 2010 Baseline)	2011 PFP Measured HACs per 1,000 Discharges	2012 PFP HACs (Normalized to 32,750,000 Discharges – Based on 2010 Baseline)	2012 PFP Measured HACs per 1,000 Discharges
Falls	MPSMS	In-Hospital Patient Falls	260,000	7.80	230,000	7.16
Obstetric Adverse Events	PSI	OB Trauma in Vaginal Delivery With (PSI 18) and Without Instrument (PSI 19)	82,000	2.51	77,000	2.36
Pressure Ulcer	MPSMS	Hospital-Acquired Pressure Ulcers	1,320,000	40.41	1,300,000	39.43
Surgical Site Infection	NHSN	SSIs for 17 procedures in 2010 with CDC data	82,000	2.51	82,000	2.51
VAP	MPSMS	Ventilator-Associated Pneumonia	35,000	1.07	34,000	1.02
VTE	MPSMS	Postoperative Venous Thromboembolic Events	24,000	0.72	32,000	0.99
All Other Hospital-Acquired Conditions	MPSMS	Femoral Artery Puncture for Catheter Angiographic Procedures	57,000	1.75	65,000	1.97
	MPSMS	Adverse Events Associated With Hip Joint Replacements	33,000	1.00	31,000	0.93
	MPSMS	Adverse Events Associated With Knee Joint Replacements	33,000	1.01	26,000	0.81
	MPSMS	Contrast Nephropathy Associated With Catheter Angiography	200,000	6.24	170,000	5.25
	MPSMS	Hospital-Acquired MRSA	15,000	0.46	9,400	0.29
	MPSMS	Hospital-Acquired VRE	4,800	0.15	3,400	0.10
	MPSMS	Hospital-Acquired Antibiotic-Associated <i>C. difficile</i>	100,000	3.16	110,000	3.30

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All Other Hospital-Acquired Conditions (continued)	MPSMS	Mechanical Complications Associated With Central Venous Catheters	130,000	3.84	120,000	3.74
	MPSMS	Postoperative Cardiac Events for Cardiac and Non-cardiac Surgeries	45,000	1.38	58,000	1.78
	MPSMS	Postoperative Pneumonia	95,000	2.91	100,000	3.08
	PSI	Iatrogenic Pneumothorax (PSI 6)	13,000	0.40	12,000	0.37
	PSI	Post-Op Hemorrhage or Hematoma (PSI 9)	21,000	0.63	20,000	0.60
	PSI	Post-Op Respiratory Failure (PSI 11)	52,000	1.60	50,000	1.53
	PSI	Accidental Puncture or Laceration (PSI 15)	72,000	2.19	66,000	2.00
	MPSMS & PSI	Total All Other HACs (sum of above 14 measures)	875,000	26.71	843,000	25.75
Total PFP HACs, and HACs per 1,000 discharges (rounded)			4,659,000	142	4,337,000	132

